

K - FORDING RIVER 74(1)C

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FORDING COAL OPERATIONS  
COMINCO LTD.

SUMMARY REPORT  
1974 EXPLORATION PROGRAM

**CONFIDENTIAL**

February 14th, 1975

By: A. C. Taplin, P. Eng.  
Senior Mine Geologist, Fording Operations

NTS 82 J/2W, J/7W **GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

OPERATOR: FORDING OPERATIONS  
COMINCO LTD.

00 317

Coal License Owners & Numbers

CAN PAC MINERALS LTD.: 314 - 364 incl.; 419, 420;  
507 - 511 incl.; 536 - 538;  
554 - 560  
Total: 32,735 acres

FORDING COAL LTD.: 801 - 804 incl.; 943, 944, 964.  
Total: 2,765 acres

00 317

OPEN FILE

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## FORDING COAL OPERATIONS

### SUMMARY REPORT

### 1974 EXPLORATION PROGRAM

#### I INTRODUCTION

Fording's 1974 Exploration Program provided for project work in five (5) separate areas that are covered separately in the text that follows. Center-return rotary drilling was contracted to Kenting - Big Indian Drilling Ltd. of Calgary, Alberta. Total exploration drilling done in 1974 was 22,297 feet in 54 holes; exclusive of the Elk Valley Exploration Program reported December 23rd, 1974; coal analyses were done for all significant seam intersections, at Fording's Process Plant Laboratory. Preliminary sampled sections, often at 2 ft. intervals, were tested for % Ash and F.S.I. values. Weighted seam composites were subsequently tested for Proximate Analyses plus F.S.I. and % Sulphur. All exploration holes were radiation logged by Roke Oil Enterprises of Calgary; the gamma ray-neutron log combination was used throughout. Hollowink Contracting Ltd. of Fernie, B.C. supplied rental D-8 bulldozers on an all-found basis. Sparco Contracting of Sparwood did contract back-hoe work on an all-found basis, for test pits to expose coal seam contacts along drill access roads. Fording geologists mapped the various test pits and trenches; staff surveyors provided the necessary mapping control and locations of drill holes.

#### II EXPLORATION PROGRAMS AND RESULTS

##### SEAM 15 - DEFINITION & COAL QUALITY

This program was proposed to include seam outcrop trenching, rotary drilling and mapping; to provide adequate data on seam location, structure, and coal quality to permit engineering studies of a hydraulic mining scheme. The appropriated budget was \$88,000; this was over-expended by \$33,500; mainly because of slower drilling rates than expected, but also because of more 'dozer work, mapping and generally higher costs than estimated. Seventeen rotary holes were drilled for a total of 7141 ft., collared about 400 ft. above seam 15 around the accessible edges of Eagle Mt. Top of seam trenches, plus limited bottom of seam trenches and cross trenches totalled 4700 ft. All drill holes were surveyed as was the geological mapping of the seam trenches.

As a result of the Seam 15 program a total of  $11.3 \times 10^6$  long tons of high quality metallurgical coal were defined with an average thickness of 31 ft. and the following quality: (Raw Coal) 13.3% Ash, 30.5% VCM, 55.5% F.C., 0.30% S. Engineering studies and preliminary development are planned for early 1975.

Seam 15 rotary holes are RH. 335-348 incl., and R.H. 353, 354, 355. A 200 scale geological plan (Plate 7&8) and 100 scale section 491,000 N serve to illustrate the structure.

#### EAGLE MT. EAST LIMB AREA

This program was basically to test the East Limb of the Eagle Mt. syncline; by geological mapping, rotary drilling and via back-hoe test pits to locate and identify seams, determine thickness and coal quality. The appropriation was authorized for \$125,000; expenditures totalled \$107,000 at year end.

Rotary drilling totalled 5801 ft. in 13 holes. Six holes were drilled along the previously built pioneer access road (1969) on the south side of upper Clode Creek, and 7 holes were drilled on short access roads built between the 1969 prospect trenches above the pioneer road on the north side of Clode Creek. These previous roads were repaired, ditched and culverted. Back-hoe test pits were dug at seam exposures; these were backfilled after they had been mapped and surveyed. Minor ridge mapping and hand trenching were done along the eastern ridge of Eagle Mt.

R.H. 349 - 352 incl. and R.H. 359 were drilled on the south side of Clode Creek. Two hundred scale section 494,800 shows the drill hole and seam outcrop data. The drill holes mainly tested seams 9, 11, 11 upper, 12 and 13. The lower part of the Kootenay Fm. section has not been adequately tested here and correlations are vague. The seven holes on the north side (Turnbull Mt.) of Clode Creek are shown on 496,600 N. section. Here seams 4 to 7 inclusive are shown to be relatively thin, and obviously sheared and repeated by faults. The section including seams 9 to 15 inclusive shows better correlations, more favourable structure and seam thicknesses.

As follow-up to this 1974 program it would appear that a program of hand-dug trenches, ridge mapping and general seam tracing should be proposed to show surface projections of seams 9 to 15 on both sides of upper Clode Creek valley.

No estimates of underground or open pit reserves have been made as a result of this preliminary work.

#### SOUTHWEST EAGLE MT. AREA

This program was proposed to obtain more data on fault dislocations of seams 9, 7 and to investigate scanty, preliminary indications of a small tonnage but low ratio pit involving seam 4. The budget was for \$42,000; expenditures to December 31, 1974 were approximately \$26,000.

The work in this area consisted of 7 rotary holes (2343 ft. total) and 3400 ft. of seam trenching plus related mapping and surveying.

Sections X - X and Y - Y illustrate the 9, 7 seam structure as interpreted from holes 368, 369, 370 plus geological mapping and previous holes in this area.

Sections 486,000 N and 486,250 N show the interpreted structure of seams 4, 1, 2 from holes 364, 365, 366, 367. Seam 4 has been projected above the basal sandstone cliffs to the west of these holes, on the southwest flank of Eagle Mt. This area will be investigated further.

HENRETTA MT. AREA

This program was proposed to continue seam tracing started in 1973, by mapping of back-hoe test pits along a new drill access road and by drilling 8 rotary holes to identify seams, provide thickness, correlation and structural data. The appropriation was for \$64,000; expenditure to year end was \$79,000, with the additional cost attributed mainly to a 1/3 increase in drilled footage and related costs.

Thirteen rotary holes were drilled for a total of 5350 ft. Holes were numbers 902 - 913 inclusive, with R.H. 910 redrilled to permit radiation logging through the drill stem.

Section 4 shows data from preliminary interpretations in R.H. 902 - 905 inclusive at the base of the south side of Henretta Mt. Geological mapping data from 1973 work is also shown on this section. Seam thicknesses are not attractive.

Section 5 shows the structure on the East limb on the northwest face of Henretta Mt. near the upper Fording River valley. Local seam correlations are excellent across this section, but only seams 4, 5 can be correlated with the west limb of the Eagle Mt. syncline. In fact, the section resembles the westerly dipping, east limb section north of Aldrige Creek. It is intended to extend the seams at surface on Section 5 towards the ridge of Henretta Mt., where hand-dug trenches and drilling can be done with a minimum of land disturbance. No reserve estimates of any category can be made until strike continuity of the more favourable zones has been demonstrated.

GREENHILLS SOUTH UPPER SEAM AREA

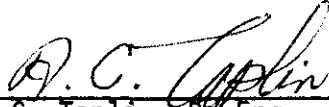
Four rotary holes were proposed for this area and were drilled in 1974 as R.H. 749 - R.H. 752 inclusive. Estimated expenditure was \$20,000; actual was \$15,688.

These 4 holes were drilled to the west of the trenched "I" seam outcrop and its projected trace; thus seams "G lower" to "I" were intersected with at least two inferred faults interpreted as shown on section 485,000 N. Thinning of "I" seam and its repetitions as indicated in DDH. 500 and R.H. 725 were previously interpreted from a study of longitudinal sections extending northward from Adit 10.

This is part of an area of Probable Open Pit Reserves, currently estimated at  $2.5 \times 10^6$  L.T. with an average raw coal quality in place of 17.4% Ash, 25.9% V.C.M., 55.2% F.C. and 0.54% Sulphur.

ACT/sh  
February 14th, 1975

c.c. CanPac Minerals Ltd.  
File

  
A. C. Taplin, P. Eng.  
Senior Mine Geologist  
Fording Operations

III LIST OF ILLUSTRATIONS & APPENDICES

A. MAPS

1974 EXPLORATION AND DEVELOPMENT GENERAL GEOLOGY MAP

1 inch = 1000 ft.

GENERAL GEOLOGY AND COAL PROPERTIES MAP

1 : 50,000 Scale Index Map

TOP OF SEAM CONTOURS, SEAM 15 SC<sup>m</sup>

1 inch = 200 ft. 7 & 8

SECTION 491,000 N, SEAM 15 X

1 inch = 100 ft.

SECTION 494,800 N, UPPER CLODE - EAGLE MT.

1 inch = 200 ft.

SECTION 496,000 N, UPPER CLODE - TURNBULL MT.

1 inch = 200 ft.

SECTIONS 486,000 N & 486,250 N EAGLE MT. SOUTH FACE

1 inch = 200 ft.

SECTIONS X-X', Y-Y' EAGLE MT. SOUTH FACE

1 inch = 200 ft.

SECTION 4 HENRETTA CREEK )  
SECTION 5 HENRETTA MT. ) 1 inch = 200 ft.

SECTION 485,000 N (GREENHILLS)

1 inch = 100 ft.

B. APPENDICES

APPENDIX 1 Copies of drill hole logs, including assays.

APPENDIX 2 Copies of gamma ray-neutron logs.

APPENDIX 3 Copies of Contractor's Invoices, and  
Equipment Rental Invoices.

IV VALUATION OF WORK

A. SUMMARIES

1. TOTAL EXPENDITURES PER TYPES OF WORK

Dozer Work	Drilling	Radiation Logs	Assays	Geol. Superv. & Mapping	Surveys	Truck Rentals	Backhoe	Survey Equipt.	Reclamation
\$46,535	\$221,857	\$17,010	\$19,364	\$14,762	\$7,036	\$12,339	\$3,540	\$2,420	\$4,103

TOTAL EXPENDITURES: \$348,965 + \$5,000 logistics = \$353,965

NOTE: In Southwest Eagle Mt. program and Henretta Mt. program staff surveyors' salaries and geologists' salaries were charged to the same code.

2. PRORATED EXPENDITURES PER INDIVIDUAL LICENSES

(a) Seam 15 Program

C.L. 346	\$36,539	
C.L. 347*	<u>85,006</u>	<u>\$121,545</u>

(b) East Limb Program

C.L. 347*	\$19,129	
C.L. 348	9,522	
C.L. 343	<u>78,272</u>	<u>\$106,923</u>

(c) Southwest Eagle Program

C.L. 351	\$11,615	
C.L. 352	<u>14,196</u>	<u>\$25,811</u>

(d) Henretta Mt. Program

C.L. 332	\$13,172	
C.L. 331	14,488	
C.L. 554	13,949	
C.L. 330	28,971	
C.L. 327	<u>18,438</u>	<u>\$79,018</u>

(e) South Greenhills Upper Seam Program

C.L. 349	\$6,830	
C.L. 350	<u>8,838</u>	<u>\$15,668</u>

\*NOTE: C.L. 347 total expenditure - \$104,135



MIN-PROPERTY COSTS: Period Worked: from MAY to DEC. 1974

1. Operator's Fees, Salaries, and Wages:

	Average No. Employees:	Average Rate:	Average No. Days:	Amount
Geological Supervision } Professional and Technical: }	<u>2 1/2</u>	<u>\$ 150/DAY</u>	<u>98.4</u>	<u>14,762</u>
Machine operators & support:	_____	_____	_____	_____
<del>Miner's</del> Reclamation	_____	_____	_____	<u>4,104</u>
Other: Surveyors	<u>2</u>	<u>\$ 110/DAY</u>	<u>63.96</u>	<u>7,036</u>
Total Operator's Costs:				<u>\$ 25,902</u>

2. Contractors and Consultants:

Name	Service	Contract Amount
HOLLOWINK CONTRACTING LTD. Box. 1274 FERNIE B.C. }	<u>BULLDOZER RENTAL</u>	<u>46,535</u>
KENTING PETROLIA DRILLING LTD. 700, 6TH AVE S.W. CALGARY, ALTA. }	<u>DRILLING CONTRACTOR</u>	<u>221,858</u>
ROKE OIL ENTERPRISES LTD. 2716, 32ND AVE S.W. CALGARY, ALTA. }	<u>RADIATION LOGGING</u>	<u>17,010</u>
SPARCO CONTRACTORS LTD. Box. 189 SPARWOOD B.C. }	<u>BACKHOE</u>	<u>3,540</u>
Total Contractor & Consultant Costs:		<u>\$ 288,943</u>

3. Equipment & Instrument Rentals:

Type	Owned _____	Rented _____	Amount
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Total Equipment & Instrument Rental:			<u>\$ /</u>

4. Field Camp Costs:

Food: <u>PAID BY CONTRACTORS AT ELKFORD CAMP</u>		
Accommodation: _____		
Other: _____		
Total Field Camp Costs:		<u>\$ /</u>

5. Sampling, Analysis & Testing:

Service	Performed by:	Amount
<u>F.S.I., P.A. 1/5</u>	<u>FORDING COAL LTD.</u>	<u>19,363</u>
_____	_____	_____
Totals Sampling, Analysis & Testing:		<u>\$ 19,363</u>

6. Supplies & Materials Costs:

Process supplies (except fuel)	_____	
Operating & maintenance supplies	_____	
Computer Program	_____	
Office & technical supplies	<u>2,420</u>	
Other supplies & materials	_____	
Total Supplies & Materials:		<u>\$ 2,420</u>

7. Transportation Costs:

Vehicles	Owner	Rental rate
THREE AX4-TRUCKS } #7393	<u>RENTWAY, P.O. B3500</u>	<u>\$ 444 / MONTH</u>
#7307	<u>S.W. CALGARY ALTA.</u>	_____
#7435	_____	_____
Air support details:	(*INCLUDES FUEL & REPAIR CHARGES FROM FORDING COAL LTD.)	
Aircraft type	Owner	Charter
_____	_____	_____
_____	_____	_____
Total Transportation Costs:		<u>\$ * 12,339</u>

8. Travel Expenditures: (Operator's costs only)

No. of Personnel	No. of Trips	Amount
_____	_____	_____
Total Travel Expenditures:		<u>\$ /</u>

TOTAL COST: \$ 348,967

Section 28

Logistics and Field Support:

Amount

- (a) Technical and <sup>Planning</sup> ~~Feasibility~~ studies (ONE GEOL. FOR ONE MONTH) 1,500
- (b) Preparation of reports & Supervision ; SR. GEOLOGIST 3,000
- (c) Supplies and services (BLUE PRINTS, OFFICE OVERHEAD, 500  
RADIOPHONES)
- (d) Travelling expenses /  
(itemize)

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Total Logistics and Field Support:

\$ /

Section 29

Supporting Cost Statements:

Amount

List \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
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Total Supporting Cost:

\$ /

S U M M A R Y

On-Property Costs:	\$ <u>348,967</u>
Off-Property Costs:	\$ <u>5,000</u>
<b>TOTAL COSTS:</b>	\$ <u>353,967</u>

ATTACHMENTS:

Supporting cost statements from:

HOLLOWINK CONTRACTING LTD. ; INVOICE NOS. 1, 2, 3, 4, 8419, 8420  
 & 8432

KENTING PETROLLA DRILLING LTD. ; INVOICE NOS. 0031, 0059, 0070, 0094  
 0119, 0136, 0143, 0163, 0167, 0179, 0184, 0202, 0215, 0216  
 & 0740

ROKE OIL ENTERPRISES LTD. ; INVOICE NOS. 495, 503, 507, 513  
 522, 524, 529, 552, 553, 558, 567, 578, 571, 584, 594  
 & 605

SPARCO CONTRACTORS LTD. ; INVOICE NOS. 1, 2, 3 & 4

RENTWAY TRANSPORTATION LEASING ; INVOICE NOS. 80,640 80,792  
 80,824, 80,968, 80,971, 81,186 81,189, 81,326, 81,334, 81,246  
 81,331, 90,622, 90,627, 90,630, 90,742, 90,744 & 90,747

C 220 SEAM-15 EAGLE MT.

C-2200

MONTH	BULLDOZER WORK	DRILLING		RADIATION LOGS	ASSAYS	GEOL. SUPERV. & MAPPING	SURVEY	TRUCK RENTALS	BACKHOE WORK	SEAM TRACING HAND TRENCHING	SURVEY & MISC. EQUIP. (INCL. COMPUTER PROG.)	RECLAMATION (INCL. DITCHING SEEDING CULVERTS etc.)	
		FOOTAGE RATE	DAY WORK										..... 100
MAY	3063. <sup>35</sup>							220. <sup>47</sup>					
JUNE	12,160. <sup>02</sup>	46,628. <sup>00</sup>	7,427. <sup>00</sup>	1,217. <sup>00</sup>	539. <sup>76</sup>	3,599. <sup>38</sup> Y.T.D.	338. <sup>63</sup>	428. <sup>92</sup>					
JULY	7,578. <sup>92</sup>	18,589. <sup>00</sup>	611. <sup>00</sup>	3,965. <sup>92</sup>	3,247. <sup>17</sup>	1,285. <sup>00</sup>		2,047. <sup>18</sup>					
AUG.	50. <sup>90</sup>	6,366. <sup>50</sup>	56. <sup>80</sup>			6. <sup>43</sup>		1,388. <sup>51</sup>					
SEPT.		233. <sup>14</sup>	CREDIT FOR CASING -3,927. <sup>00</sup> 15. <sup>71</sup>	581. <sup>49</sup>			1,488. <sup>35</sup>	1,116. <sup>28</sup>					
OCT.	50. <sup>05</sup>		73. <sup>57</sup>		106. <sup>43</sup>		877. <sup>43</sup>	114. <sup>22</sup>					
DEC.													
CUM. T.	22,903. <sup>24</sup>	71,816. <sup>64</sup>	4,256. <sup>08</sup>	5,764. <sup>41</sup>	3,893. <sup>36</sup>	4,890. <sup>91</sup>	2,704. <sup>41</sup>	5,315. <sup>58</sup>					
C-220 SEAM-15 EAGLE MT													
G. TOTAL AS OF DEC 31 1974													
											121,544. <sup>63</sup>		

CAPITAL CODE  
 COST LISTINGS  
 B

C 240 - EAGLE MT. EAST LIMB AREA C2400...

MONTH	BULLDOZER WORK	DRILLING		RADIATION LOGS	ASSAYS	GEOL. SUPERV. & MAPPING	SURVEY	TRUCK RENTALS	BACKHOE WORK	SEAM TRACING HAND TRENCHING	SURVEY & MISC. EQUIP. (INCL. COMPUTEP PROG.)	RECLAMATION (INCL. DITCHING SEEDING CULVERTS etc.)
		FOOTAGE RATE	DAY WORK									
JUL.	100	101	102	201	301	401	501	601	701	801	901	103
						1551.17						46.59
AUG.	6,911.80	39,371.80		2,461.60	3,412.26	167.76	78.51	924.13	2,370.00			
SEPT.		5,364.00		1,453.51				414.75				
OCT.	6,478.56	14,045.70	3,022.18	1,132.30	4,421.31	3,622.90	1,208.93	258.64				3,780.00
NOV.					5.31		975.22				2,420.25	
DEC.			424.94					829.50				
CUM. T.	13,390.36	58,781.50	3,447.12	5,047.41	7,908.88	4,341.83	2,262.66	3,127.02	2,370.00		2,420.25	3,826.59
C-240 EAGLE MT. EAST LIMB AREA C-2400...												
G. TOTAL AS OF DEC 31 1974												
<u>106,923.62</u>												

C-241 SOUTH WEST EAGLE MT. AREA C 2410...

MONTH	BULLDOZER WORK	DRILLING		RADIATION LOGS	ASSAYS	GEOL. SUPERV. & MAPPING	SURVEY	TRUCK RENTALS	BACKHOE WORK	SEAM TRACING HAND TRENCHING	SURVEY & MISC. EQUIP. (INCL. COMPUTER PROG.)	RECLAMATION (INCL. DITCHING SEEDING CULVERTS etc.)
		FOOTAGE RATE	DAY WORK									
	..... 100	..... 101	..... 102	..... 201	..... 301	..... 401	..... 501	..... 601	..... 701	..... 801	..... 901	..... 103
AUG.		1,000. <sup>00</sup>										
SEPT.												
OCT.	2,729. <sup>25</sup>	17,754. <sup>50</sup>					1,667. <sup>51</sup>	862. <sup>01</sup>				250. <sup>00</sup>
NOV.								117. <sup>72</sup>				
DEC.				977. <sup>57</sup>				452. <sup>03</sup>				
CUMU. T.	2,729. <sup>25</sup>	18,754. <sup>50</sup>		977. <sup>57</sup>			1,667. <sup>51</sup>	1,431. <sup>76</sup>				250. <sup>00</sup>
				C-241 SOUTH WEST EAGLE MT. AREA C 2410...								
				G. TOTAL AS OF DEC 31' 1974 <u>25,810.<sup>59</sup></u>								

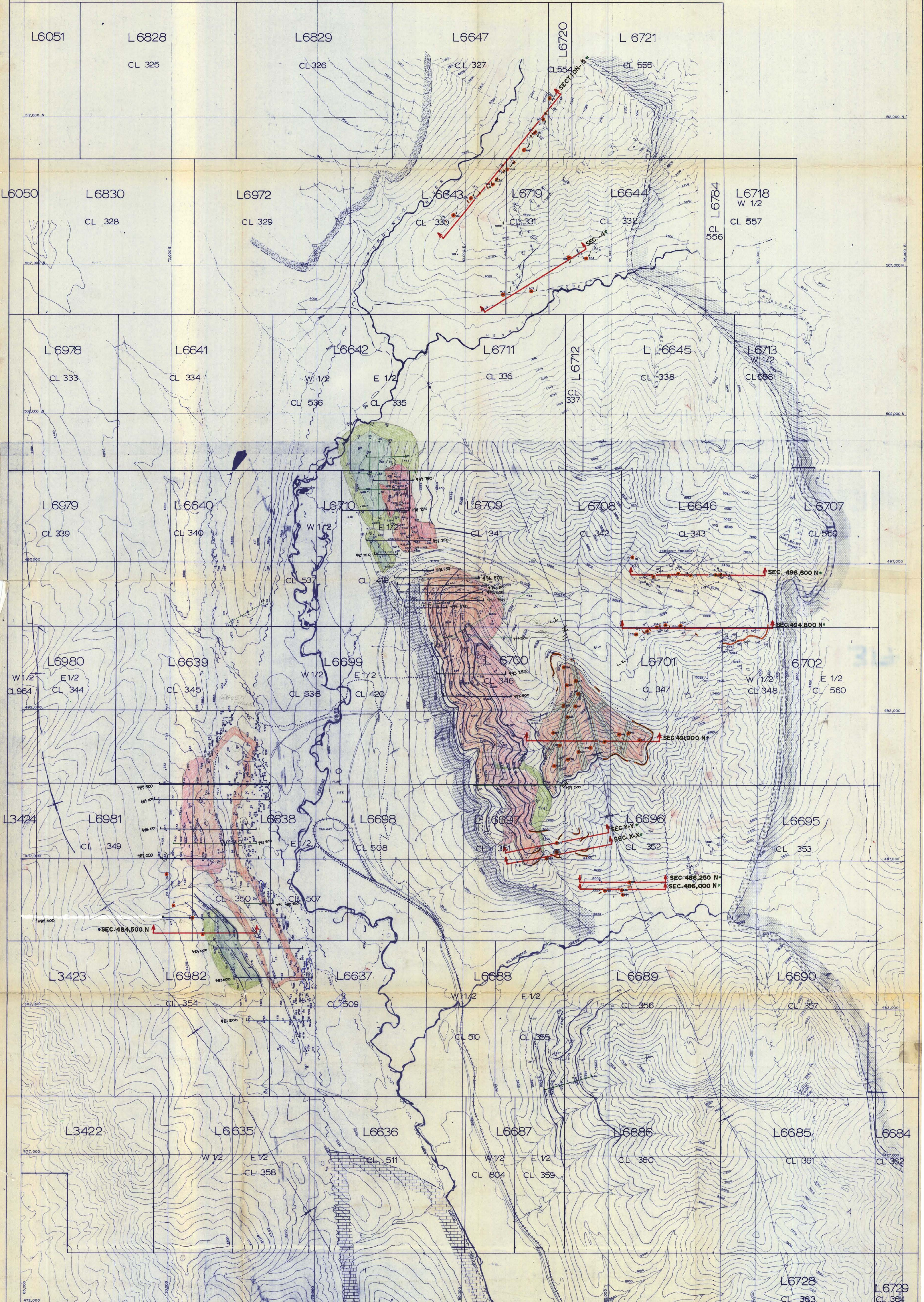
C 242 - HENRETTA MT. AREA

C 2420...

MONTH	BULLDOZER WORK	DRILLING		RADIATION LOGS	ASSAYS	GEOL. SUPERV. & MAPPING	SURVEY	TRUCK RENTALS	BACKHOE WORK	SEAM TRACING HAND TRENCHING	SURVEY & MISC. EQUIP. (INCL. COMPUTER PROG.)	RECLAMATION (INCL. DITCHING SEEDING CULVERTS etc.)
		FOOTAGE RATE	DAY WORK									
	..... 100	..... 101	..... 102	..... 201	..... 301	..... 401	..... 501	..... 601	..... 701	..... 801	..... 901	..... 103
AUG		500. <sup>00</sup>										
SEPT.		7,828. <sup>00</sup>		760. <sup>40</sup>				858. <sup>50</sup>	920. <sup>00</sup>			
OCT.	4,383. <sup>70</sup>	39,145. <sup>80</sup>	2,981. <sup>25</sup>	3,200. <sup>95</sup>	4,432. <sup>49</sup>	3,334. <sup>72</sup>		718. <sup>45</sup>	250. <sup>00</sup>			26. <sup>83</sup>
NOV.			2,776. <sup>75</sup>		3,128. <sup>94</sup>	1,810. <sup>93</sup>						
DEC.		1,070. <sup>70</sup>						887. <sup>50</sup>				
CUM. T.	4,383. <sup>70</sup>	48,544. <sup>50</sup>	5,760. <sup>00</sup>	3,961. <sup>35</sup>	7,561. <sup>43</sup>	5,145. <sup>65</sup>		2,464. <sup>45</sup>	1,170. <sup>00</sup>			26. <sup>83</sup>
C-242 HENRETTA MT. AREA												
GRAND TOTAL AS OF DEC. 31 '74										<u>79,017.<sup>91</sup></u>		C-2420...

C 244-GREENHILLS S. UPPER SEAM AREA C2440

MONTH	BULLDOZER WORK	DRILLING		RADIATION LOGS Misc. & CONTINGENCY	ASSAYS	GEOL. SUPERV. & MAPPING	SURVEY	TRUCK RENTALS	BACKHOE WORK	SEAM TRACING HAND TRENCHING	SURVEY & MISC. EQUIP. (INCL. COMPUTER PROG)	RECLAMATION (INCL. DITCHING SEEDING CULVERTS etc.)
		FOOTAGE RATE	DAY WORK									
	..... 100	..... 101	..... 102	..... 201	..... 301	..... 401	..... 501	..... 601	..... 701	..... 801	..... 901	..... 103
AUG.	1,560.60	10,456.30		286.67 (Labour)								
SEPT.												
OCT.	1,568.20	40.03		1,355.14 (954 - PoKe) (401 - Survey)								
NOV.				401.03 (305 - PoKe) (96 - Staff)								
CUM. T.	3,128.80	10,496.33		2,042.84								
				C-244 GREENHILLS S. UPPER SEAM AREA C2440...								
				G. TOTAL AS OF DEC. 31 '74 <u>15,668.03</u>								



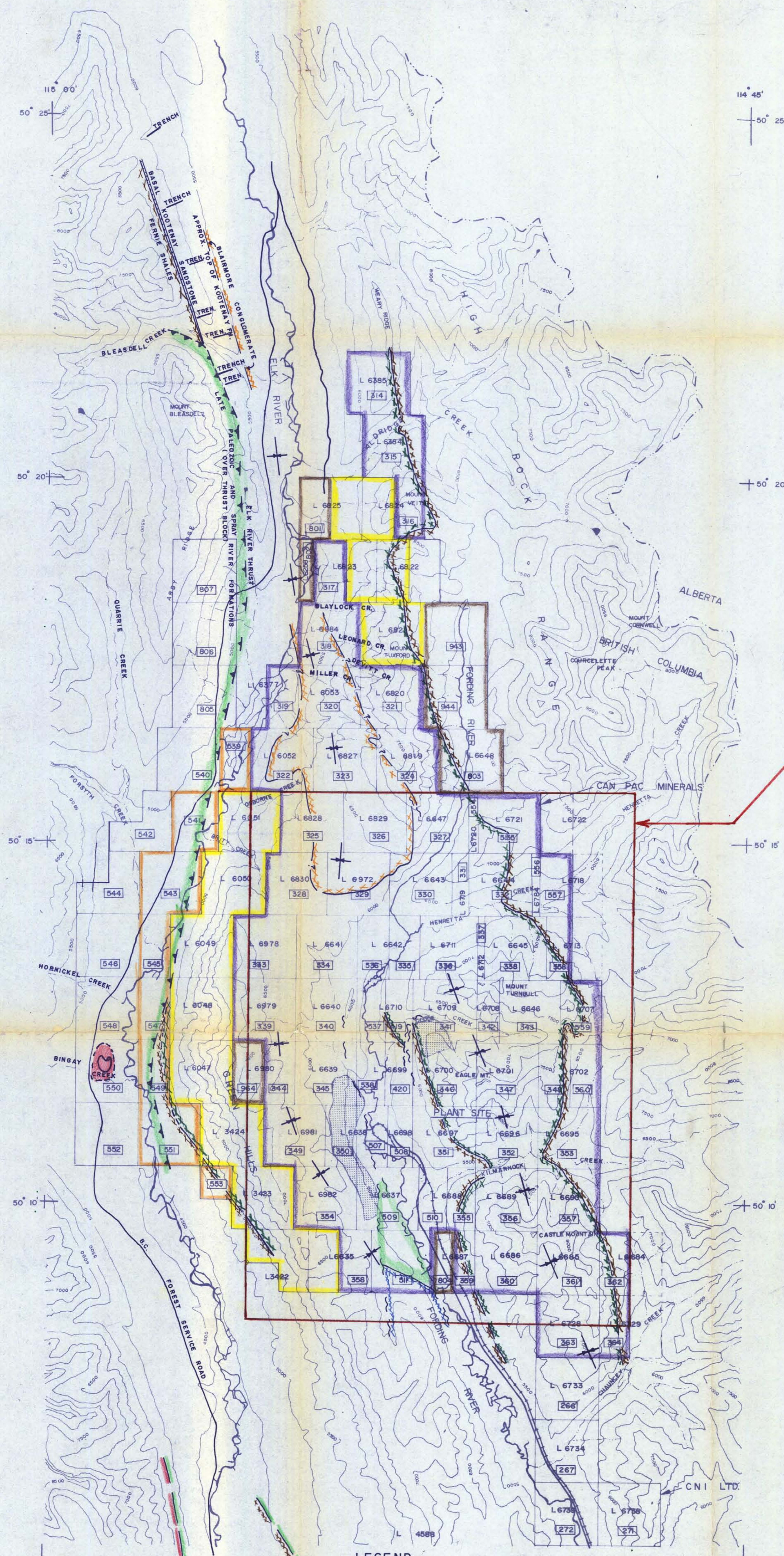
- LEGEND**
- Adits
  - Drill Holes
  - Railway
  - Main & Haul Roads
  - Cleared Mining & Plant Areas
  - Fording Property Boundary (coal licence)
  - Coal Seams
  - Synclinal Axis
  - Faults - defined, assumed
  - Strike & Dip of Bedding
  - 1974 Drilling
  - 1974 Seam Otc. Trenching

- GEOLOGY - ROCK TYPES**
- Sandstone - Current bedded, Moose mtn. Basal kootenay
  - Shale & Mudstone - Fernie formation
  - Limestone - Rundle formation
  - Blairmore - Conglomerate



FORDING OPERATIONS		317
1974 EXPLORATION & DEVELOPMENT		
GENERAL GEOLOGY MAP		
FR-74(2C)		
By - RBA	Scale - 1" = 1000'	Date - Jan 22 1971   Plate - 74-1





AREA COVERED BY 1974 EXPLORATION & DEVELOPMENT MAP (1"=1000' SCALE)

LEGEND

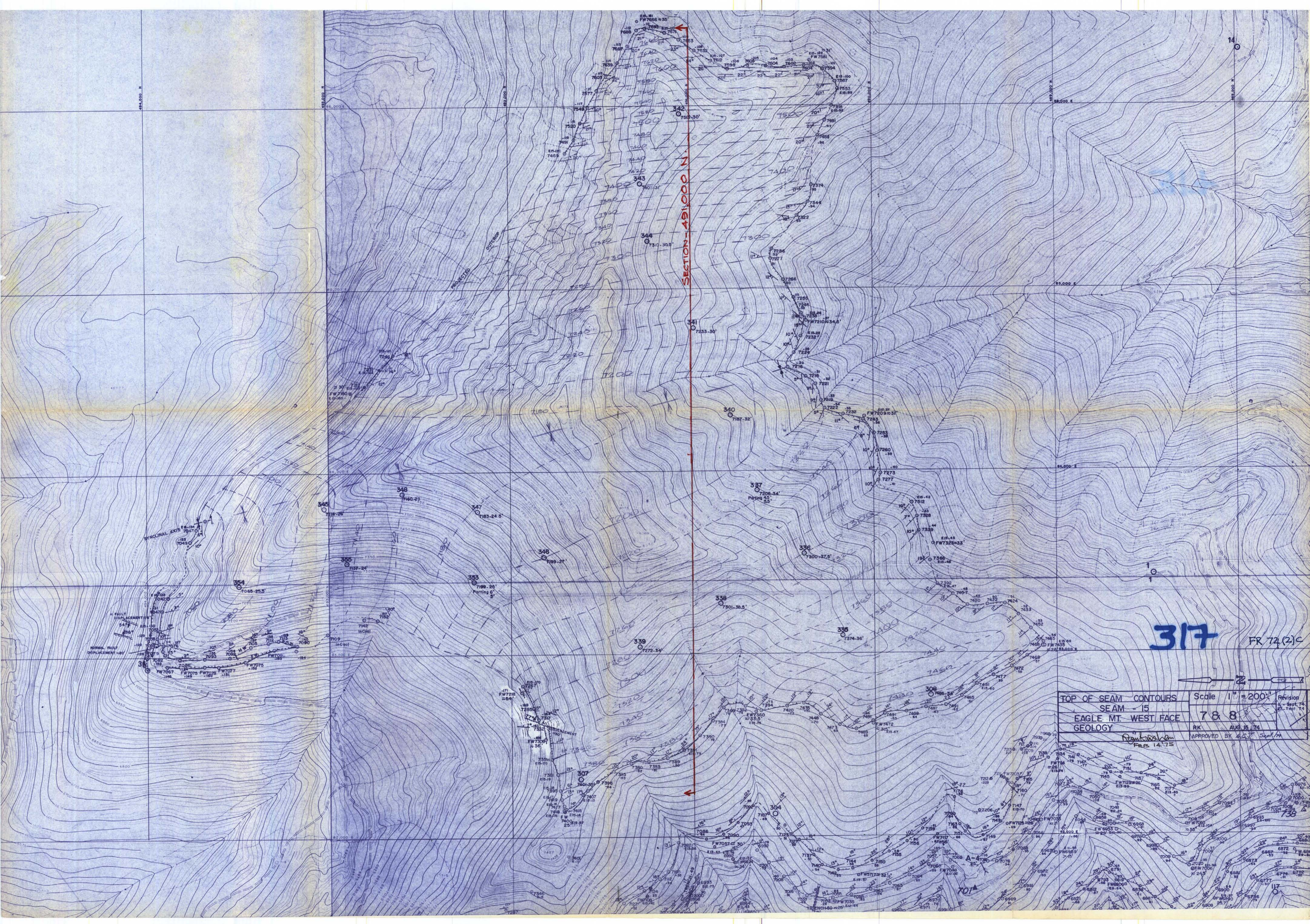
- COAL LICENSES / NOS., OWNERSHIP
- 346 CANPAC MINERALS LTD.
  - 547 COMINCO LTD.
  - 804 FORDING COAL LTD.
  - L 6048 LOT NO, COMINCO CROWN GRANTS
  - MINING AREAS
  - RAILROAD
  - EXISTING HIGHWAYS

LEGEND

- GEOLOGY - ROCK TYPES
- SANDSTONE - BASAL KOOTENAY
  - SHALE - FERNIE FM.
  - LIMESTONE - RUNDLE FM.
  - CONGLOMERATE - BLAIRMORE FM.
- CONTACTS AND STRUCTURES
- CONTACT - KNOWN, ASSUMED
  - FAULTS - NORMAL, THRUST
  - SYNCLINAL AXIS
  - ANTICLINAL AXIS
  - SILTY DOL. DOLOMITIC SS. } ROCKY MOUNTAIN FM.
  - SILTY SHALE } SPRAY RIVER FM.

**317** Fr 74(2)C

FORDING OPERATIONS		GENERAL GEOLOGY	
Drawn by	Revised by	COAL and PROPERTIES	
		FORDING COAL LIMITED	
		Scale: 50,000	DATE: NOV. 20, 74



SECTION - 491,000 N.

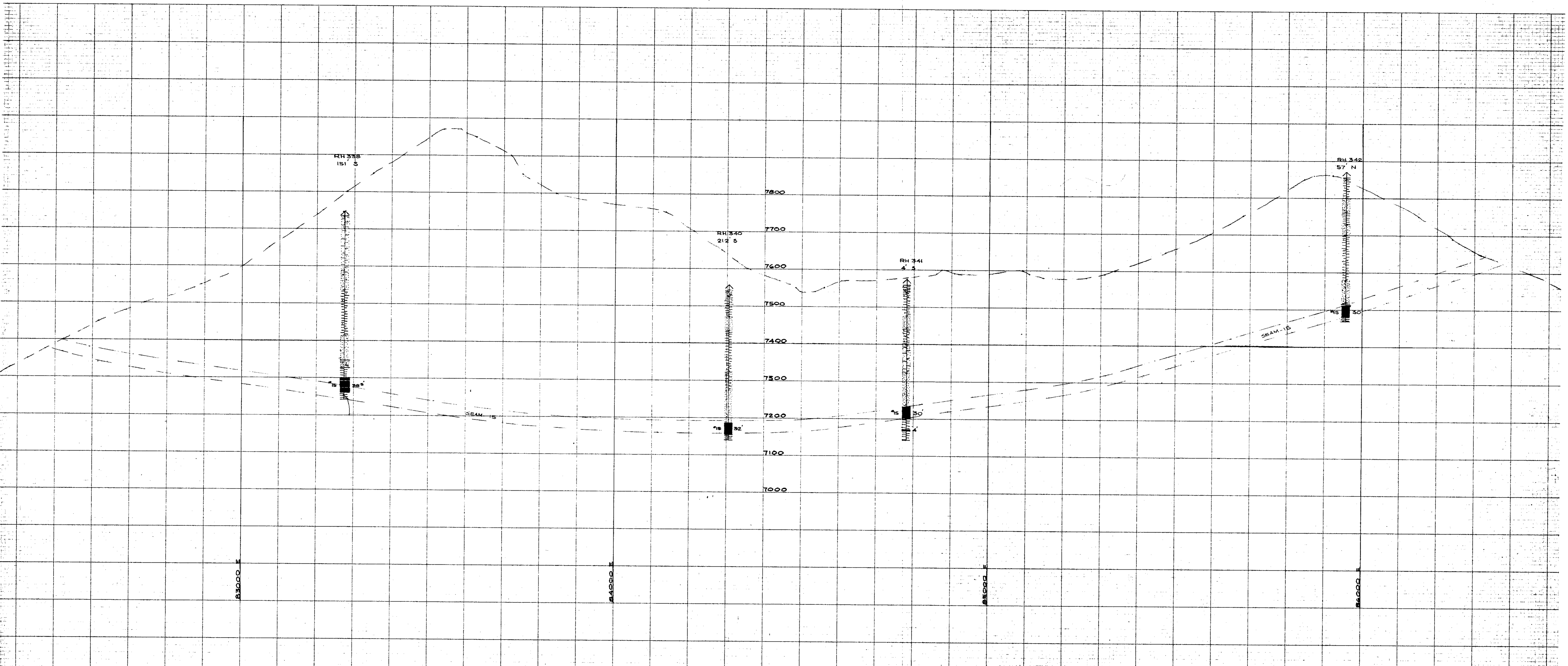
317

FR 72(2)C

TOP OF SEAM CONTOURS	Scale 1" = 200'	Revision
SEAM - 15	7 8 8	1 - Sept. 74
EAGLE MT. WEST FACE		2 - Sept. 74
GEOLOGY	RK	AUG. 15, 74
	APPROVED BY	

FILE 14-75

738



SECTION - 491,000 N  
 SEAM-15 EAGLE MT. W. FACE  
 SCALE 1"=100'  
 OCT 2 '74

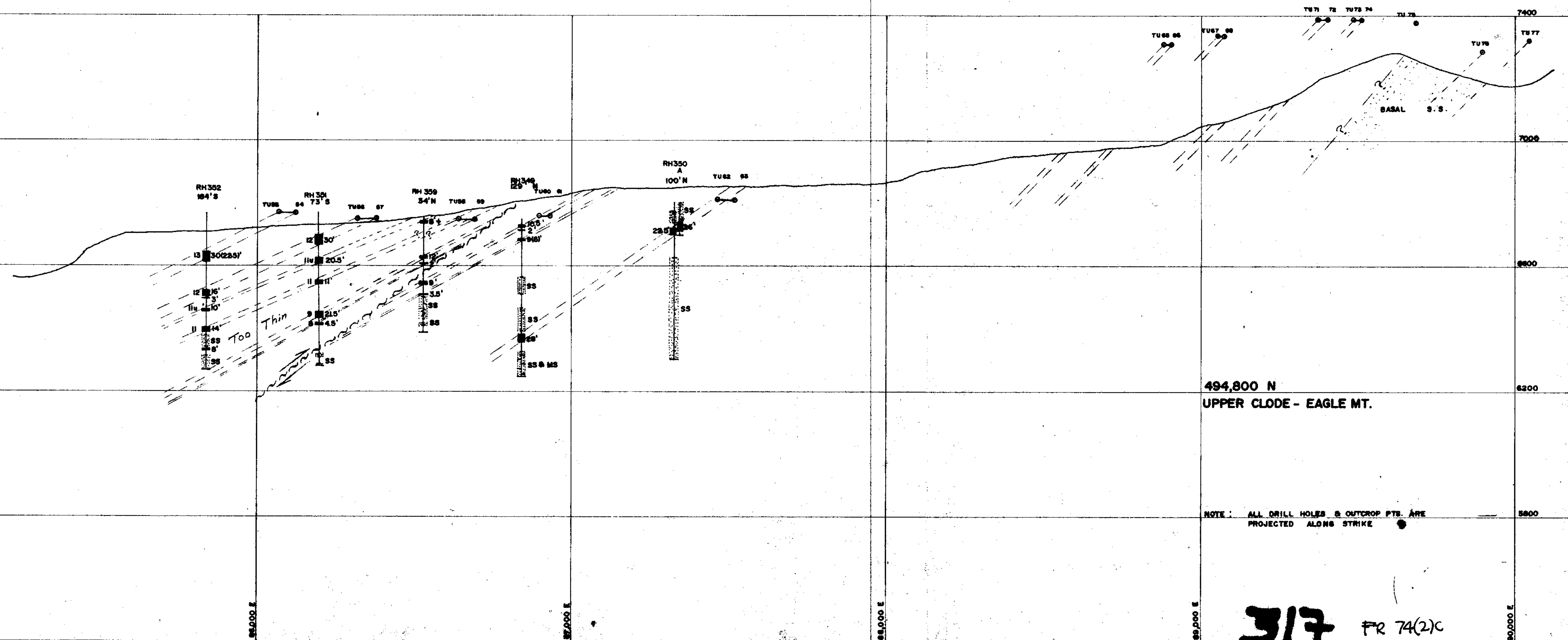
*Revised by*  
 FRED WITS

**317**

494,800 N

494,800 N

UPPER CLODE - EAGLE MT.



NOTE: ALL DRILL HOLES & OUTCROP PTS. ARE PROJECTED ALONG STRIKE

317 FR 74(2)C

REVISIONS				REVISIONS				REVISIONS			
No.	Made by	Date	Description	No.	Made by	Date	Description	No.	Made by	Date	Description

Drawn by *g k* JAN 27 75  
 Traced by *R K*

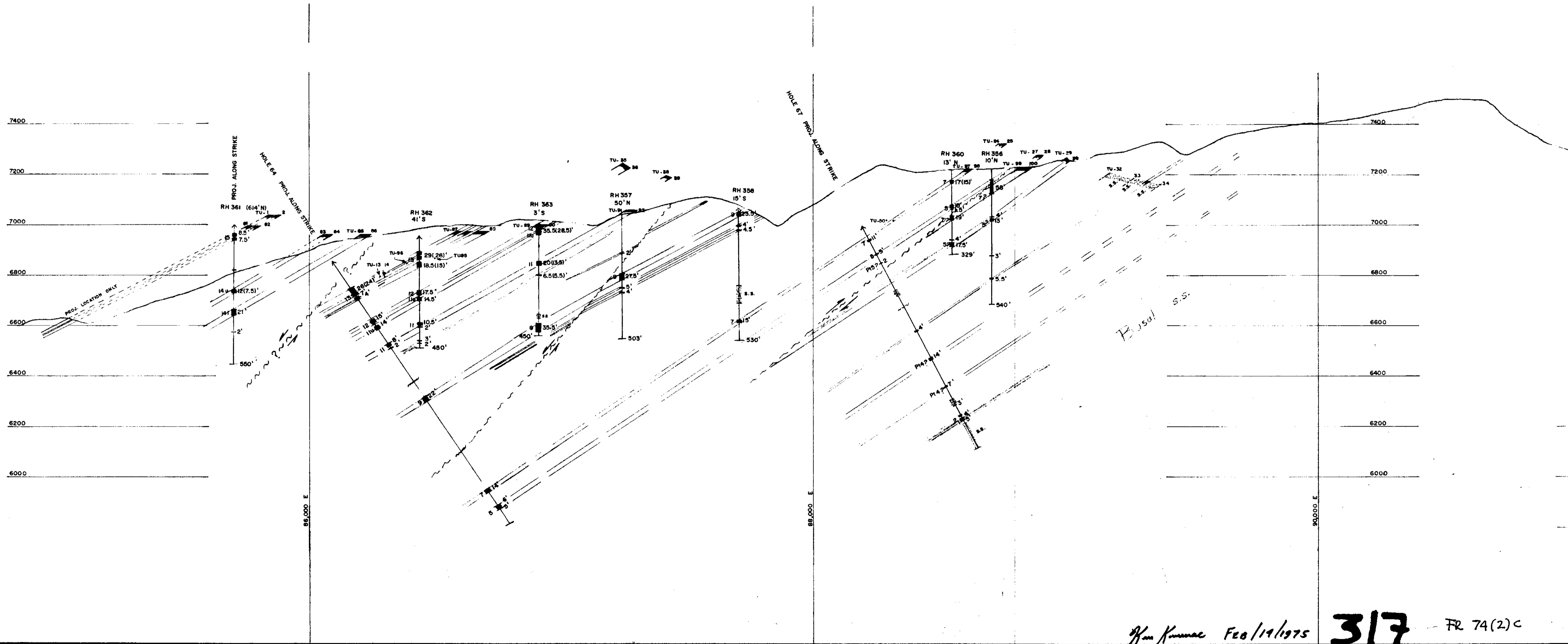
Fordas Operations



SECTIONS

Scale 1 inch = 200 Feet  
 Drawing No. 494,800N

*Run Name: FR 74(2)C*



*Ham Kinnear Feb 19/1975* **317** - FR 74(2)C

Revisions			
No.	Made by	Date	Description

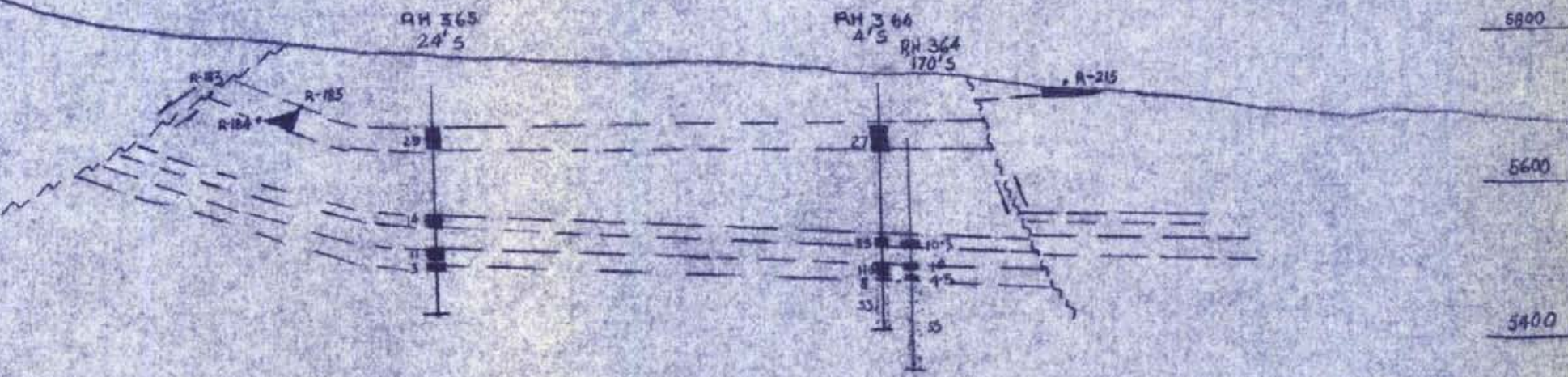
Drawn by **K.K.** **12 NOV 74**  
**Fording Operations**

**SECTION - 496.600 N**  
**TURNBULL MT. - UPPER CLODE**  
**GEOLOGY**

Scale **1 Inch = 200 Feet**  
 Drawing No. **KEY MAP**

000 98

000 98



*Ken Kummer Feas/14/1975*

# 317

FR 74(2)C



Drawn by:	ASB	Traced by:	
Plotted by:		Revised by:	
RR	NOV-74		

SECTION 486,000 N.  
 EAGLE MTN. S. FACE

P/C

Scale: 1"=100'

Date: NOV 1974

Plate:

Drawn by:

**KK**

Traced by:

Revised by:

Date:

Revised by:

Date:

*John Freeman Feb. 14, 1975*

**317**

FR 74 (2) c

*RLC*



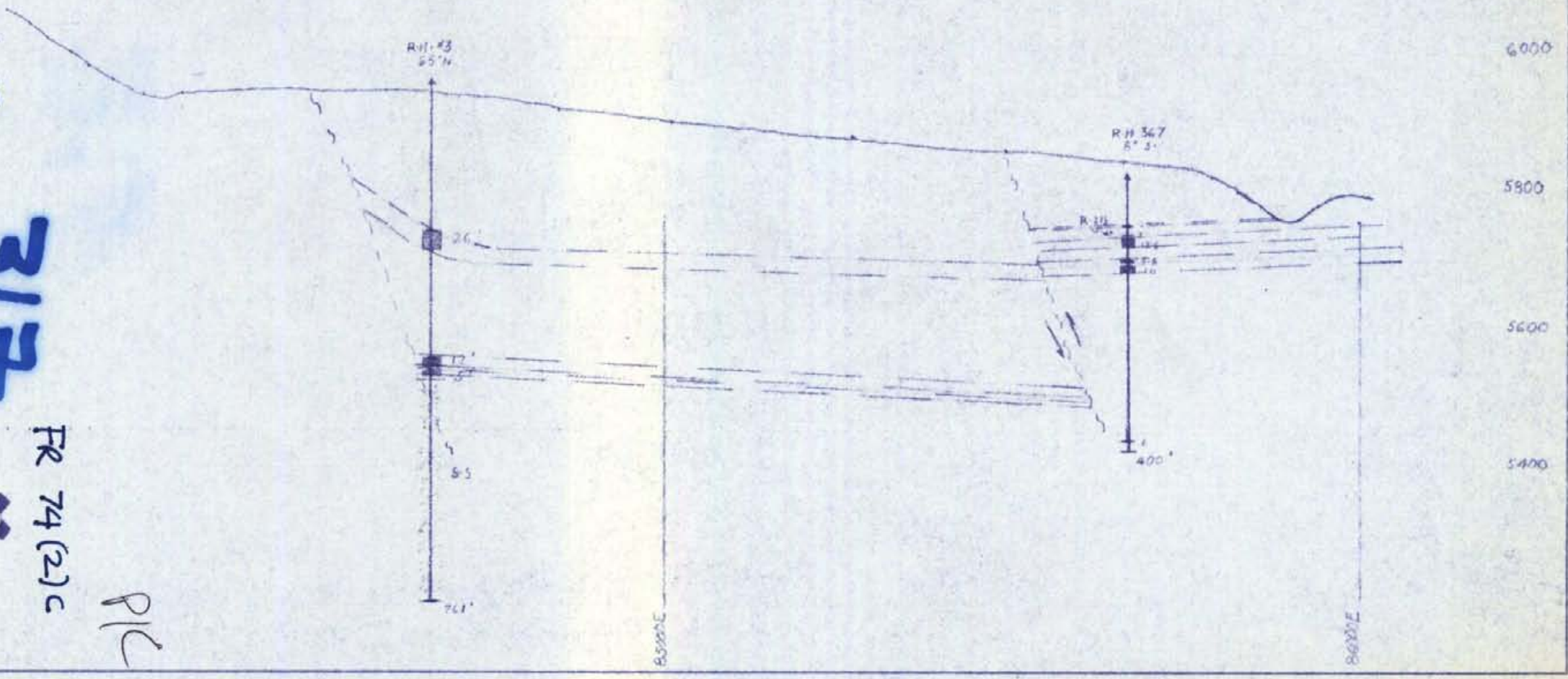
30098

SECTION 486,250 N  
EAGLE MT. SOUTH FACE

Scale: 1" = 200'

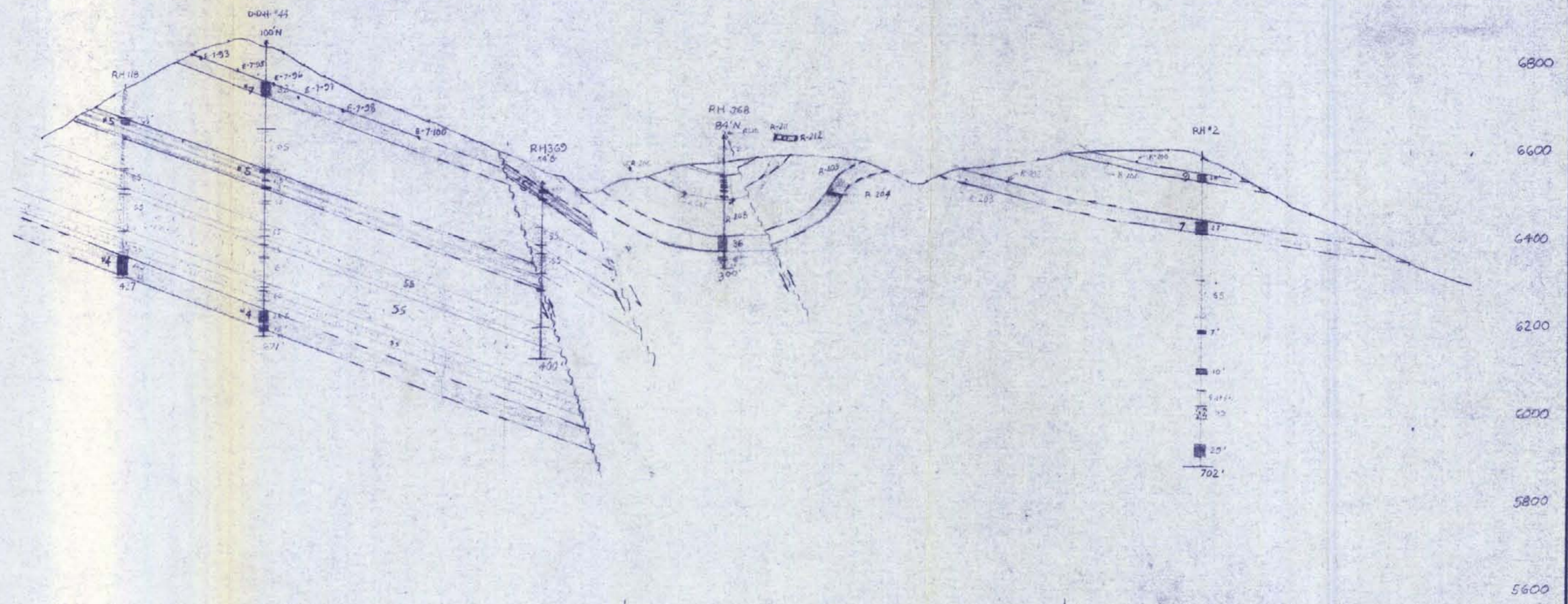
Date: Nov 19 '74

Plate:



8600E

8600E



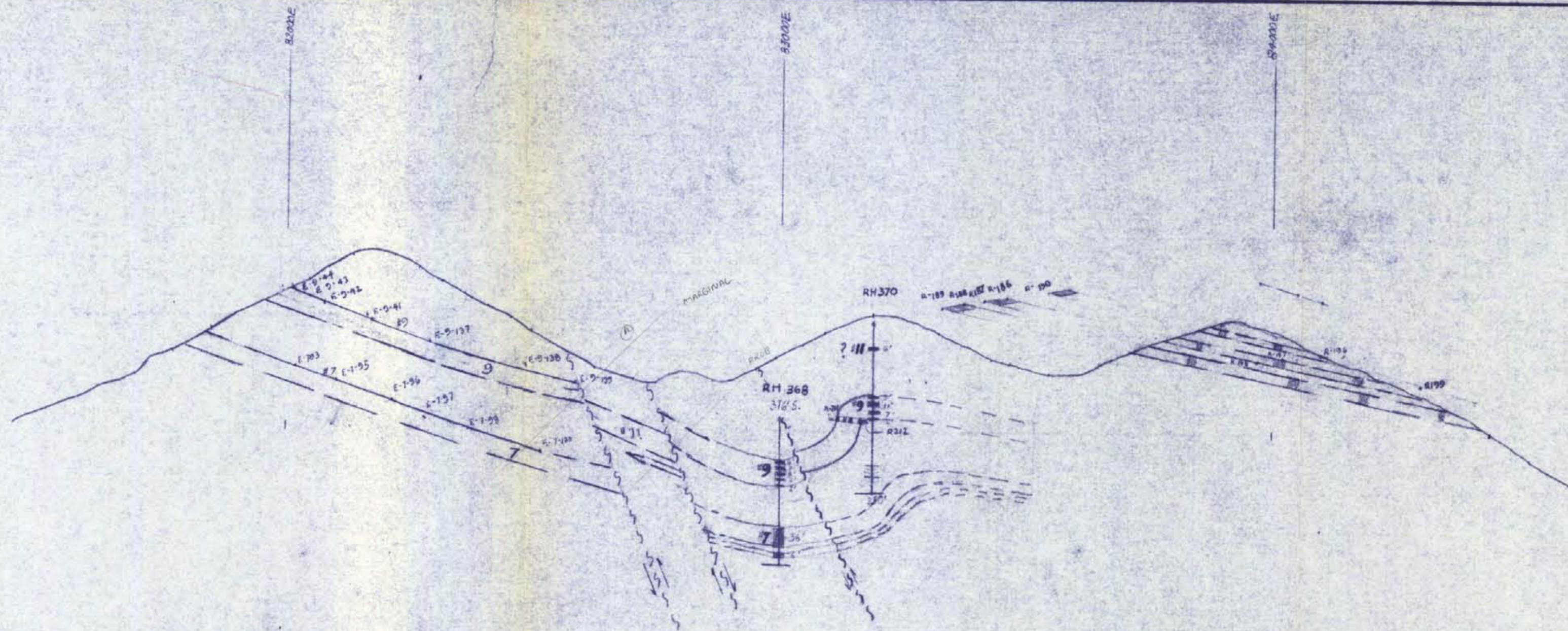
FILE

P/c 317 FR 74(2)C

*Ken Korman* Feb. 14, 1975

Drawn by: <b>KK</b>	Traced by:	<b>SECTION X-X</b>	<b>EAGLE MT. SOUTH FACE</b>
Revised by:    Date	Revised by:    Date		
		Scale: 1" = 200'	Date: Nov 20' 74
			Plate:






7000  
6800  
6600  
6400  
6200  
6000  
5800  
5600

MEASURED 36900  
STRIP RATIO 2.7  
PROB 11000

PLC 317

Drawn by: *Kim Kinnear* Feb. 14, 1975 FR 74(2)C   
 Drawn by: **KK** Traced by:  
 Revised by: \_\_\_\_\_ Date: \_\_\_\_\_ Revised by: \_\_\_\_\_ Date: \_\_\_\_\_  
 SECTION Y-Y  
 EAGLE MT. SOUTH FACE  
 Scale: 1" = 200' Date: Nov 22' 74 Plate: \_\_\_\_\_  
 #210-0540

SECTION - 2

SECTION - 2  
(MAR '1974 RK & A/B)

SECTION - 5

SECTION - 5  
(N.W. FACE)

317

FR 74(2)C

Revisions	No.	Made by	Date	Description

Drawn by K.K.  
 Traced by R.K.  
*Non-Kennecott Feb 14/1975*

DEC '74

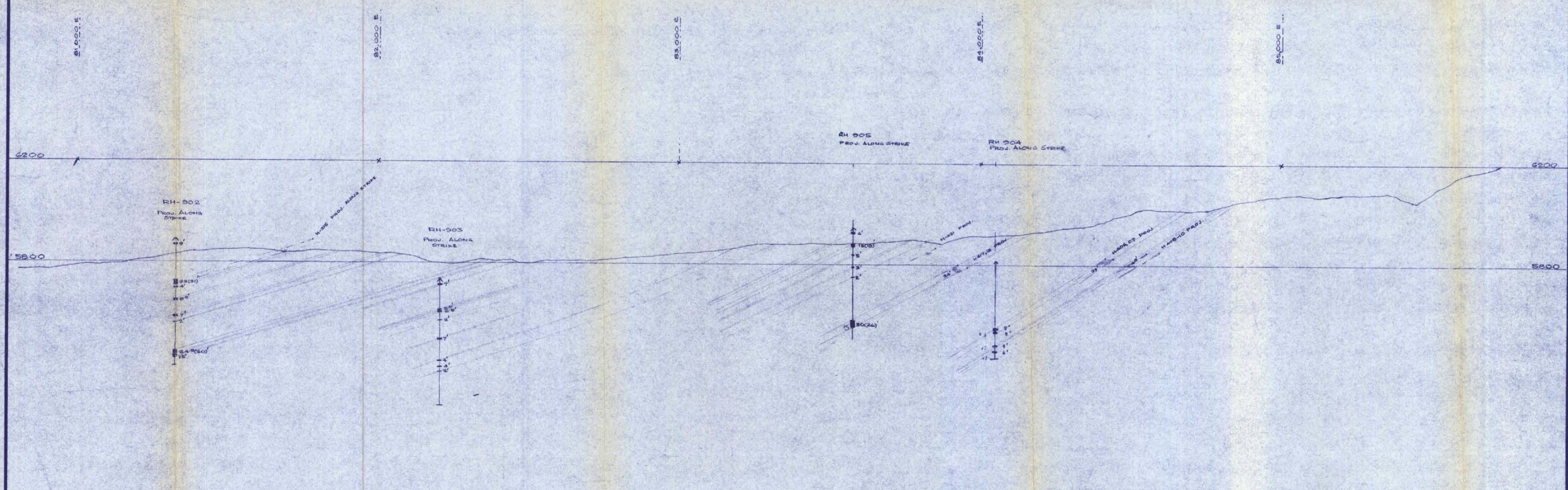
Fording Operations



SECTIONS  
HENRETTA MT.

Scale 1 inch = 200 Feet  
 Drawing No. H-1

SECTION - 4  
ATTACHED - 21001323



317

ALL OUTCROP PROJ. ALONG STRIKE

Drawn by: <i>R. K.</i>		Traced by:	
Revised by: _____		Revised by: _____	
Date: _____		Date: _____	
HENRETTA CK.			
Scale: 1" = 200'		Date: SEPT '74	
FORM 210-0960			

# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

K. Fording 34(3)C

FILE NO.	COMPANY	FORBING COAL LIMITED
WELL	DDH - 14	
LOCATION	FORBING	
PROVINCE	BRITISH COLUMBIA	
PERMANENT DATUM	GROUND LEVEL	
LOG MEASURED FROM	GROUND LEVEL	
WELL DEPTH MEASURED FROM	GROUND LEVEL	
Other Services:	NITL	
Run No.	ONE	
Date	25 OCTOBER 1974	
First Reading	399	
Last Reading	0	
Footage Logged	399	
Depth Reached	401	
Casing Driller		
Casing Driller	ATR	
Fluid Type		
Liquid Level		
Min. Diam.	4-7/8	
Rim @ 0'		
Operating Time	1 HOUR	
Truck No.	32	

## 317

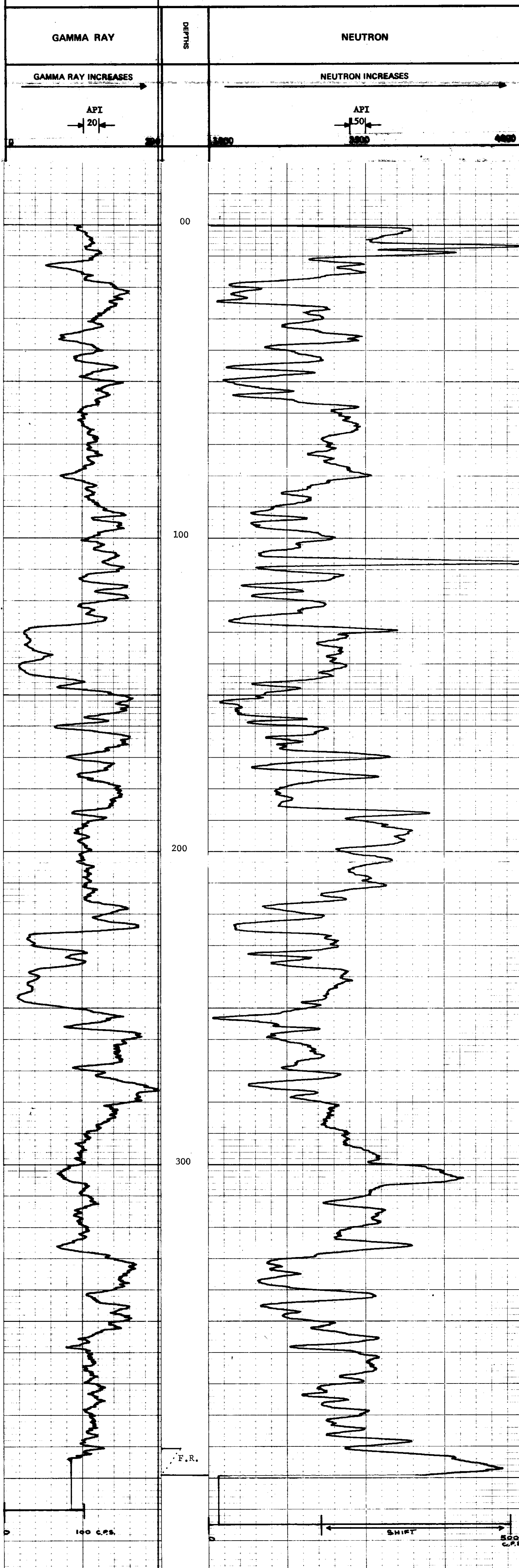
### EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 1/4	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 1/4
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	17 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	5 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
		SERIAL NO.	265
		SPACING	17 INCH
		TYPE	AmBe
		STRENGTH	3 CURIES

### LOGGING DATA

GENERAL		GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS	SPEED	T.C.	SENS	ZERO	T.C.	SENS	ZERO	API N. UNITS
	FROM TO	FT/MIN	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV. L OR R
1	0 399	12	5	500	OL	20	3	1000	12L 150

REMARKS DRY HOLE - NO FLUID ENCOUNTERED



Recorded By: MACHILLIAN Witnessed By: TAZIAN

K. FOREMAN 74(3)C

GAMMA RAY NEUTRON LOG

# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO. \_\_\_\_\_ COMPANY **FORDING COAL LIMITED**  
 WELL **RM 335**  
 LOCATION **EAGLE MOUNTAIN**  
 FIELD **FORDING**  
 PROVINCE **BRITISH COLUMBIA**  
 Other Services: **NIL**

**317**

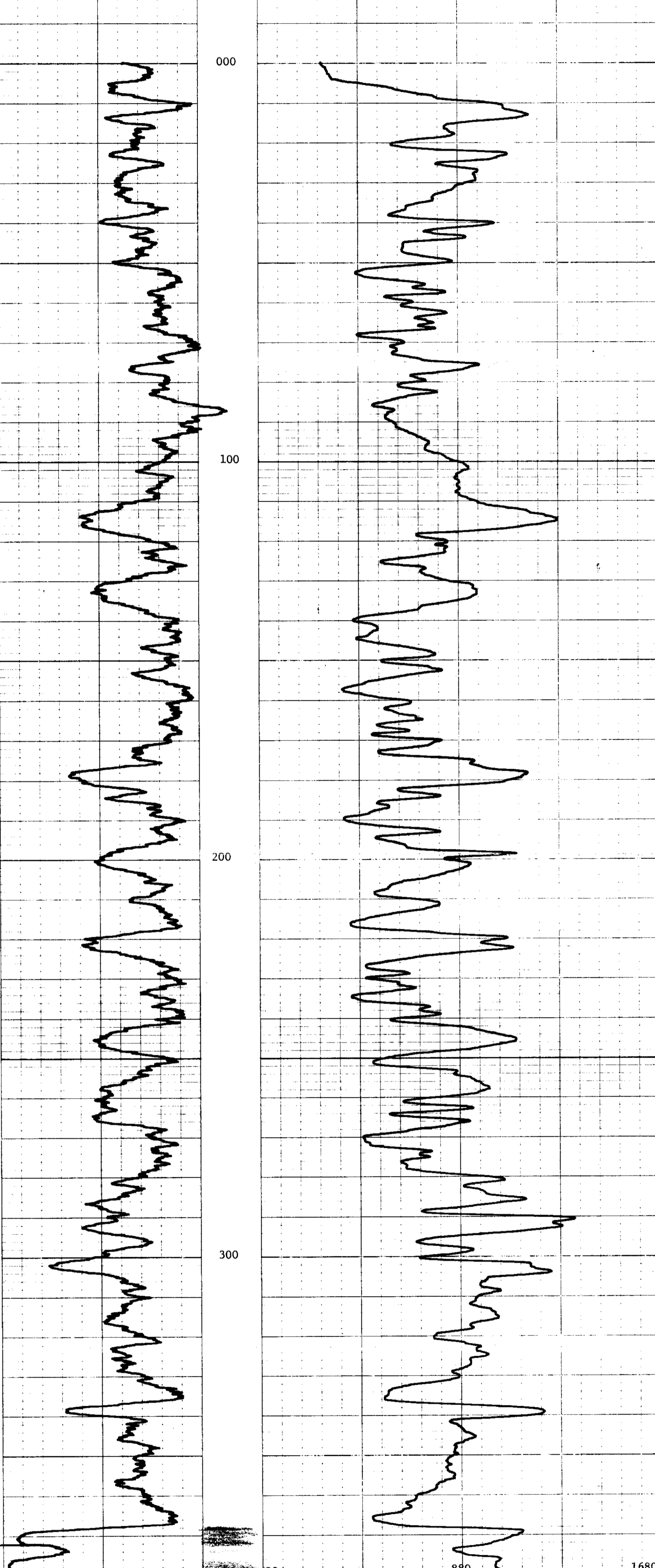
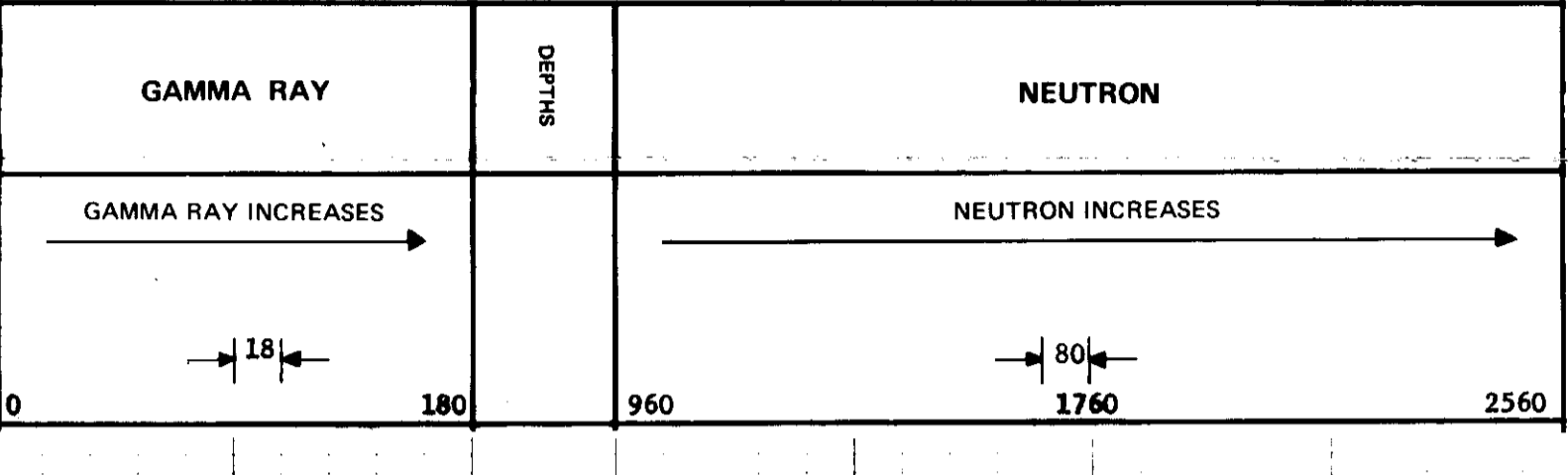
Permanent Datum **GROUND LEVEL** Elev. \_\_\_\_\_  
 Log Measured from **GROUND LEVEL** Ft. Above Perm. Datum \_\_\_\_\_  
 Well Depths Measured from **GROUND LEVEL** G.L. \_\_\_\_\_

Run No. **ONE**  
 Date **28 JUNE 1974**  
 First Reading **412**  
 Last Reading **0**  
 Footage Logged **412**  
 Depth Reached **413**  
 Depth Driller **420**  
 Casing Driller \_\_\_\_\_  
 Fluid Type **AIR/WATER**  
 Liquid Level **381 FEET**  
 Min. Diam. **4-1/2 INCH**  
 Rim @ 0F \_\_\_\_\_  
 Operating Time **1-1/2 HOURS**  
 Truck No. **33**

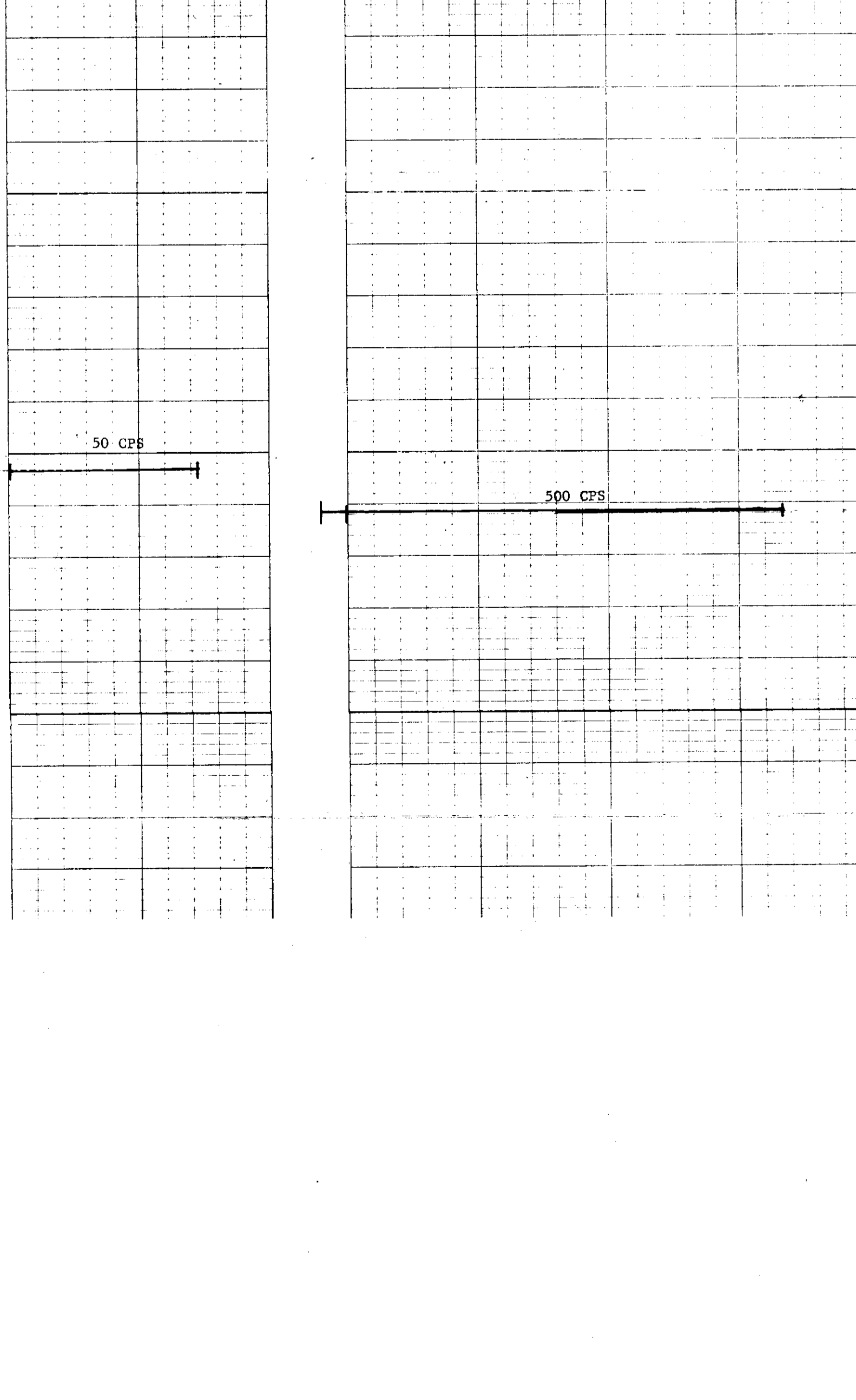
EQUIPMENT DATA			
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	19 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN27U4A-74	STRENGTH	3 CURTES

LOGGING DATA										
GENERAL			GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS	SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS
NO.	FROM	TO	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.
1	0	380	5	100	OL	18 APT	5	1000	12L	160 APT
1	381	412	5	100	OL	18 APT	5	500	1L	80 APT

REMARKS



80 880 1680  
 WATER LEVEL AT 381 FEET  
 SCALE CHANGE AT 380 FEET  
 KBAM-15  
 F. R.



Recorded By **JOHNSON** Witnessed By **TAPLIN**

# ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

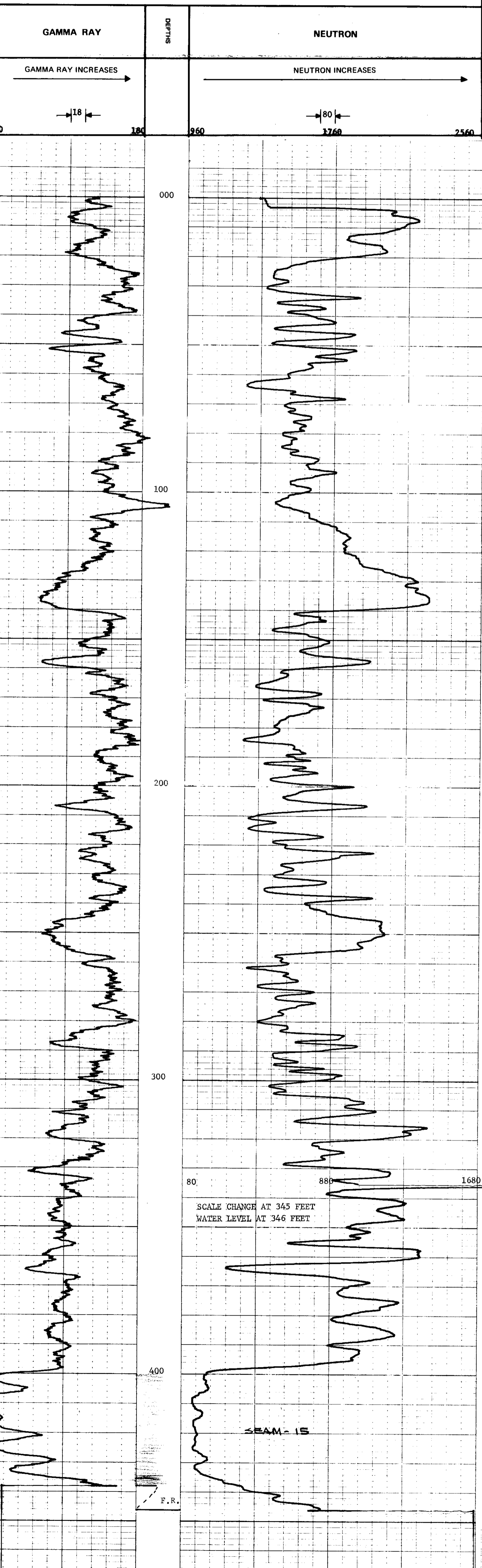
K-Feeds 74/32c

FILE NO.	COMPANY	FORGING COAL LIMITED
LSD SEC	WELL	RH 336
TWP RGE	LOCATION	EAGLE MOUNTAIN
M	FIELD	FORGING
	PROVINCE	BRITISH COLUMBIA
	PERMANENT DATUM	GROUND LEVEL
	LOG MEASURED FROM	GROUND LEVEL
	WELL DEPTHS MEASURED FROM	GROUND LEVEL
	Other Services:	NIL
	K.B.	
	CSG	
	G.L.	
Run No.	ONE	
Date	28 JUNE 1974	
First Reading	446	
Last Reading	0	
Footage Logged	446	
Depth Reached	447	
Depth Driller		
Casing Roke		
Casing Driller		
Fluid Type	AIR/WATER	
Liquid Level	346 FEET	
Min. Diam.	4-1/2 INCH	
Rm @ 9F		
Operating Time	1-1/2 HOURS	
Truck No.	33	
Recorded By	JOHNSON	Witnessed By
		TAPLIN

EQUIPMENT DATA			
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	19 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN2704A-74	STRENGTH	3 CURTES

LOGGING DATA												
RUN NO.	GENERAL				GAMMA RAY				NEUTRON			
	FROM	TO	SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.	
1	0	345	12	5	100	OL	18 API	5	1000	126	160	
	346	446	12	5	100	OL	18 API	5	500	1L	80	

REMARKS



# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

K-580116 24(3)C

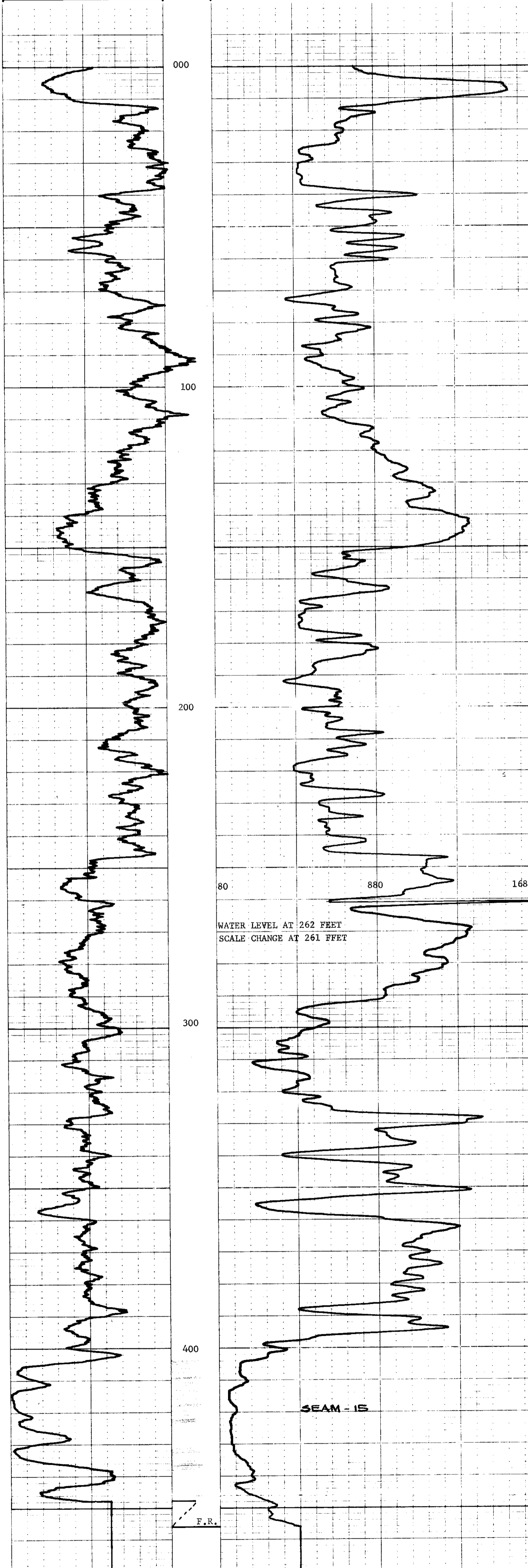
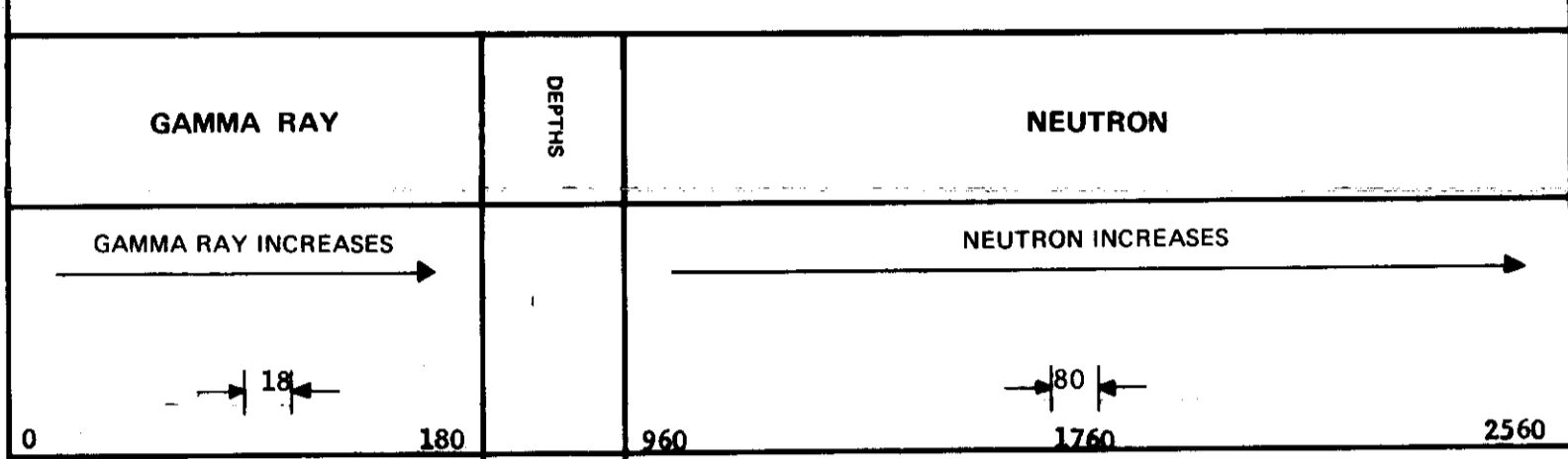
**317**

FILE NO.	COMPANY	FORDING COAL LIMITED
LSD	WELL	RH 337
SEC	LOCATION	EAGLE MOUNTAIN
TWP	RGE	
M	FIELD	FORDING
	PROVINCE	BRITISH COLUMBIA
	Other Services:	NIL
Permanent Datum	GROUND LEVEL	Elev. _____
Log Measured from	GROUND LEVEL	Ft. Above Perm. Datum _____
Well Depths Measured from	GROUND LEVEL	G.L. _____
Run. No.	ONE	
Date	28 JUNE 1974	
First Reading	456	
Last Reading	0	
Footage Logged	456	
Depth Reached	457	
Depth Driller		
Casing Roke		
Casing Driller		
Fluid Type	AIR/WATER	
Liquid Level		
Min. Diam.	4-1/2 INCH	
Rm @ of		
Operating Time	1-1/2 HOURS	
Truck No.	33	

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	19 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN27U4A-74	STRENGTH	3 CURIES

GENERAL		GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS	SPEED	T.C.	SENS	ZERO	T. C.	SENS	ZERO	API N. UNITS
	FROM	FT/MIN	SEC.	SETTINGS	DIV. L OR R	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV
1	0	261	12	5	100	OL	18	API	5
1	262	456	12	5	100	OL	18	API	5

REMARKS



Recorded By: JOHNSON  
Witnessed By: TAYLOR

# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

LOGGING UNIT

K-FOREINK 74 (3)C

FILE NO. \_\_\_\_\_  
 COMPANY FORDING COAL LIMITED  
 WELL RH-338  
 LOCATION EAGLE MOUNTAIN  
 RGE M  
 FIELD FORDING  
 PROVINCE BRITISH COLUMBIA

Other Services:  
 NIL

Permanent Datum \_\_\_\_\_  
 Log Measured from GROUND LEVEL  
 Well Depth Measured from GROUND LEVEL

Permit No. \_\_\_\_\_  
 Date 16 JULY 1974  
 East Reading 0  
 Footage Logged 502  
 Depth Reached 503

Casing Roke \_\_\_\_\_  
 Casing Driller \_\_\_\_\_  
 Fluid Type AIR/WATER  
 Liquid Level 385 FEET  
 Min. Diam. 4 INCH  
 Rim @ 9' \_\_\_\_\_  
 Operating Time 1-1/2 HOURS  
 Truck No. 33

Recorded By JOHNSON  
 Witnessed By TAYLOR

### EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 1/8	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 1/8
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W

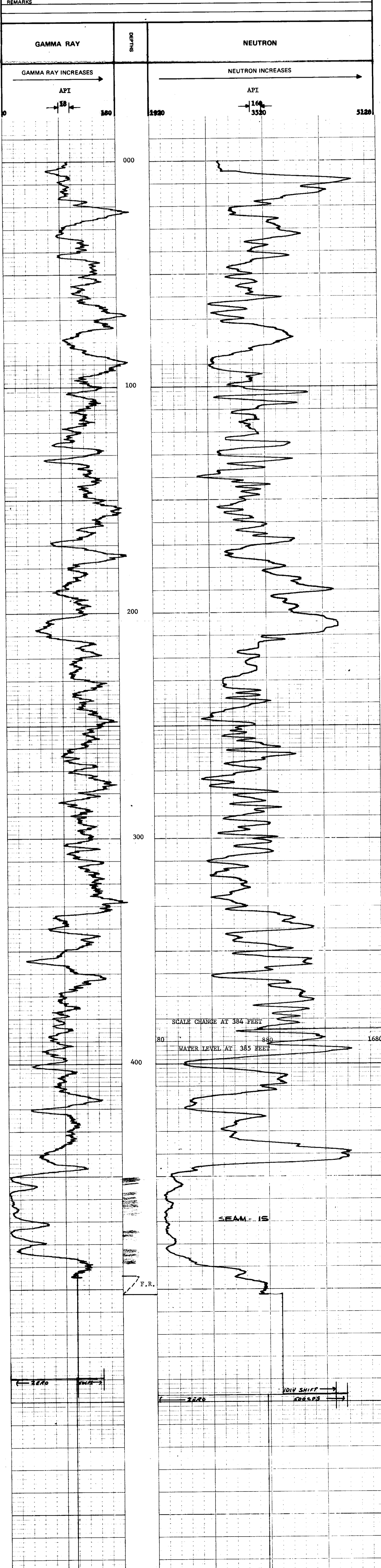
GENERAL	
HOIST TRUCK NO.	33
INSTRUMENT TRUCK NO.	
TOOL SERIAL NO.	CGN27U4A-74

SERIAL NO.	
SERIAL NO.	598
SPACING	19 INCH
TYPE	AmBe
STRENGTH	3 CURIES

### LOGGING DATA

RUN NO.	DEPTHS		SPEED FT/MIN	T.C. SEC.	GAMMA RAY			NEUTRON			
	FROM	TO			SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	384	12	5	100	OL	18 APT	5	1000	12L	180 APT
	384	502	12	5	100	OL	18 APT	5	500	12L	80 APT

REMARKS





# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

K- FORDING 74(3)C

FILE NO. \_\_\_\_\_  
 COMPANY FORDING COAL LIMITED  
 WELL RH-339  
 LOCATION EAGLE MOUNTAIN  
 RGE \_\_\_\_\_  
 FIELD FORDING  
 W \_\_\_\_\_ M \_\_\_\_\_  
 PROVINCE BRITISH COLUMBIA

**514**

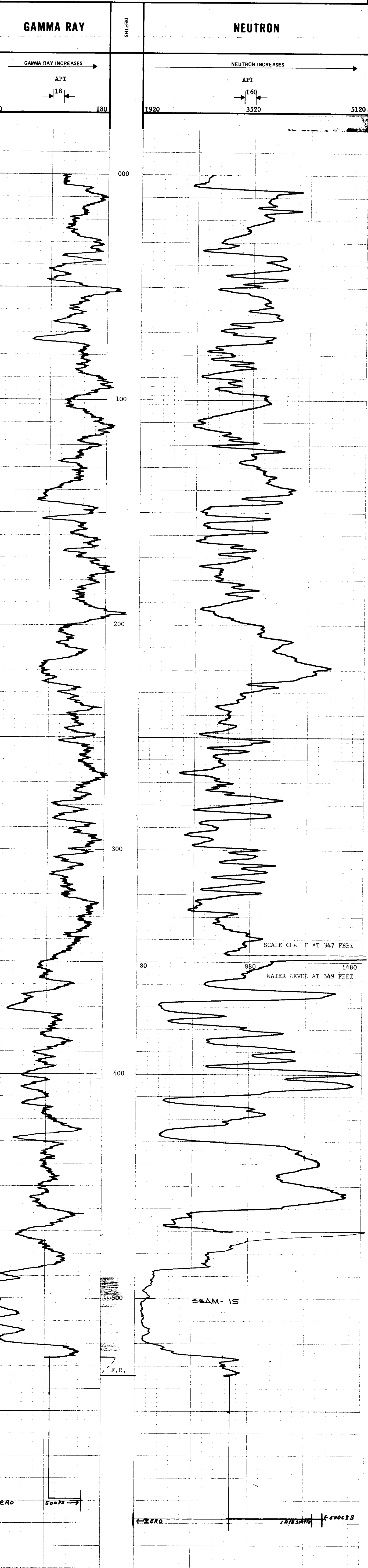
Permanent Datum \_\_\_\_\_  
 Log Measured from GROUND LEVEL  
 Well Depth Measured from GROUND LEVEL  
 Elev. \_\_\_\_\_  
 Ft. Above Perm. Datum \_\_\_\_\_  
 K.B. \_\_\_\_\_  
 D.F. \_\_\_\_\_  
 O.L. \_\_\_\_\_

Run No. ONE  
 Date 8 JULY 1974  
 First Reading 534  
 Last Reading 0  
 Footage Logged 534  
 Depth Reached 535  
 Depth Driller \_\_\_\_\_  
 Casing Rocks \_\_\_\_\_  
 Casing Driller \_\_\_\_\_  
 Fluid Type AIR/WATER  
 Liquid Level 349 FEET  
 Min. Diam. 4-1/2 INCH  
 Operating Time 1-1/2 HOURS  
 Truck No. 33  
 Recorded By JOHNSON  
 Witnessed By TAPLIN

EQUIPMENT DATA			
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1-11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1-11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
		SERIAL NO.	598
		SPACING	19 INCH
		TYPE	AmBe
		STRENGTH	3 CURIES

LOGGING DATA											
GENERAL			GAMMA RAY				NEUTRON				
RUN NO.	DEPTHS		SPEED FT/MIN	T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
	FROM	TO									
1	0	347	12	5	100	OL	18 API	5	1000	12L	160 API
	349	534	12	5	100	OL	18 API	5	500	1L	80 API

REMARKS



# ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

K-5000106 74(5)C

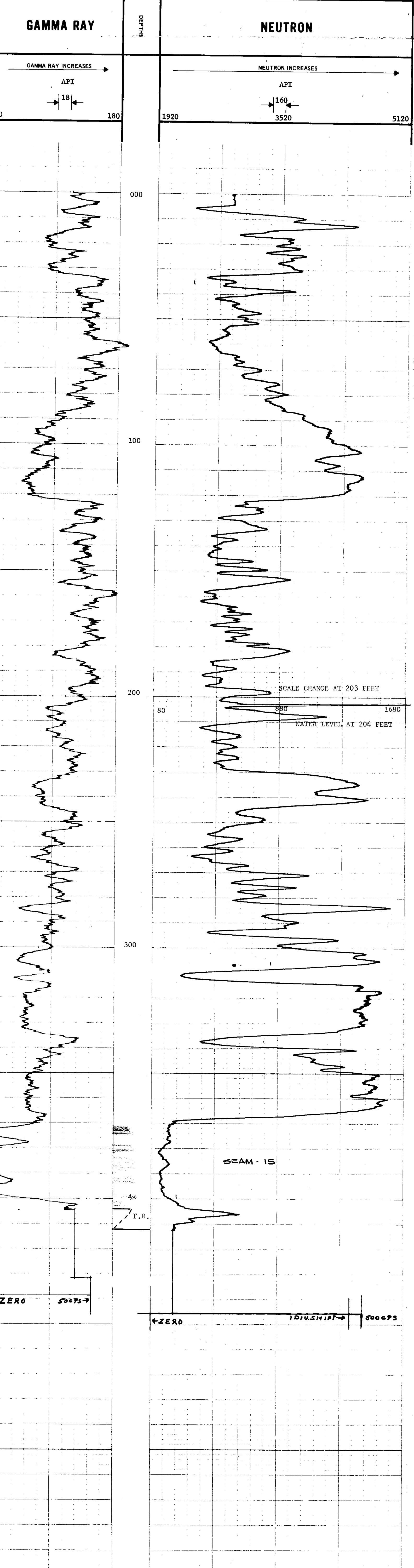
FILE NO.	COMPANY	FORDING COAL LIMITED
LSD 1	WELL	RH-340
SEC	LOCATION	EAGLE MOUNTAIN
TWP	RGE	FORDING
RGE	FIELD	FORDING
W	M	
PROVINCE BRITISH COLUMBIA		
Permanent Datum	GROUND LEVEL	Elev. _____
Log Measured from	GROUND LEVEL	F. Above Perm. Datum
Well Depths Measured from	GROUND LEVEL	G.L. _____
Run No.	ONE	
Date	8 JULY 1974	
First Reading	412	
Last Reading	0	
Footage Logged	412	
Depth Reached	413	
Depth Driller	415	
Casing Role		
Casing Driller		
Fluid Type	AIR/WATER	
Liquid Level	204 FEET	
Min. Diam.	4-1/2 INCH	
Operating Time	1-1/2 HOURS	
Truck No.	33	
Recorded By	JOHNSON	Witnessed By TAYLOR

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EQUIPMENT DATA			
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1-11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1-11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	19 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN27U4A-74	STRENGTH	3 CURIES

LOGGING DATA											
RUN NO.	GENERAL DEPTHS		SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	GAMMA RAY		T.C. SEC.	SENS SETTINGS	NEUTRON	
	FROM	TO				ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV.			ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	203	12	5	100	OL	18 API	5	1000	12L	160 API
	204	412	12	5	100	OL	18 API	5	500	1L	80 API

REMARKS



# ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

K. FREEMAN 71(3)C

FILE NO. \_\_\_\_\_  
 COMPANY FORDING COAL LIMITED  
 WELL RH-341  
 TWP EAGLE MOUNTAIN  
 RGE \_\_\_\_\_  
 W \_\_\_\_\_ M \_\_\_\_\_  
 FIELD FORDING  
 PROVINCE BRITISH COLUMBIA

317

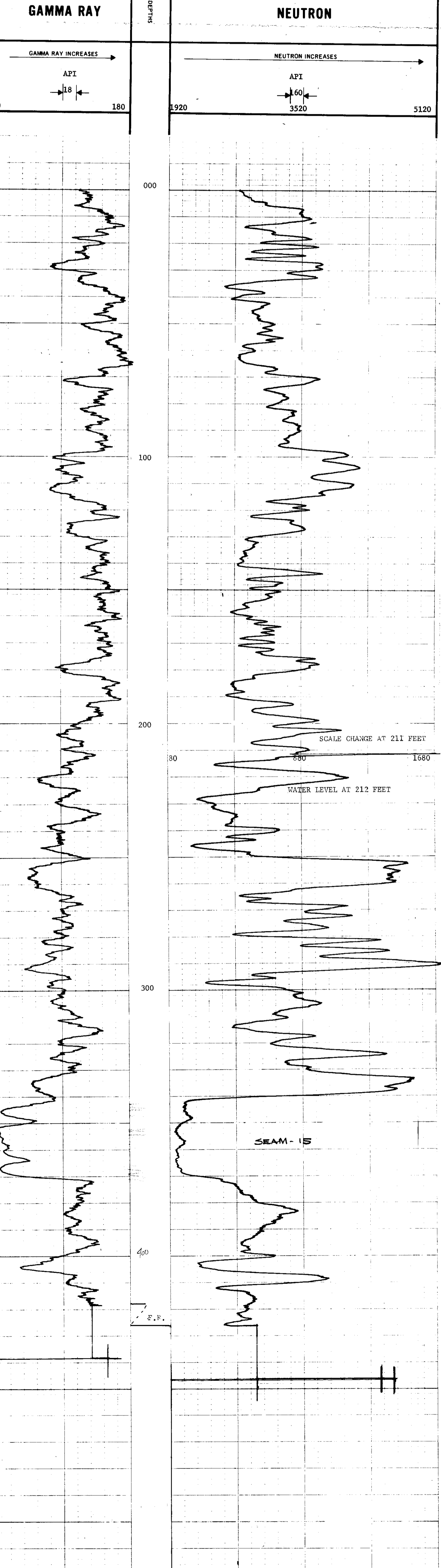
Permanent Datum \_\_\_\_\_ ELEV. \_\_\_\_\_ K.B. \_\_\_\_\_  
 Log Measured from GROUND LEVEL \_\_\_\_\_ Ft. Above Perm. Datum \_\_\_\_\_ D.F. \_\_\_\_\_  
 Well Depth Measured from GROUND LEVEL \_\_\_\_\_ G.L. \_\_\_\_\_

Run No. ONE  
 Date 8 JULY 1974  
 First Reading 426  
 Last Reading 0  
 Footage Logged 426  
 Depth Reached 427  
 Depth Driller \_\_\_\_\_  
 Casing Role \_\_\_\_\_  
 Casing Driller \_\_\_\_\_  
 Fluid Type AIR/WATER  
 Liquid Level 208 FEET  
 Min. Diam. 4-1/2 INCH  
 Operating Time 1-1/2 HOURS  
 Truck No. 33  
 Recorded By JOHNSON  
 Witnessed By TAPLIN

EQUIPMENT DATA			
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1-11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1-11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	19 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN27U4A74	STRENGTH	3 CURIES

LOGGING DATA											
GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS		SPEED	T.C.	SENS	ZERO	API G.R. UNITS	T.C.	SENS	ZERO	API N. UNITS
	FROM	TO	FT/MIN	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.
1	0	207	12	5	100	OL	18 API	5	1000	12L	160 API
	208	426	12	5	100	OL	18 API	5	1000	1L	80 API

REMARKS



# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

K-5601045 74(3)C

317

FILE NO.	COMPANY	FORDING COAL LIMITED
LSD SEC TWP RGE	WELL	RH-242
M	LOCATION	KAGLE MOUNTAIN
	FIELD	FORBES
	PROVINCE	ALBERTA
Permanent Datum	GROUND LEVEL	Other Services:
Log Measured from	GROUND LEVEL	K.B.
Well Depths Measured from	GROUND LEVEL	CSG
		G.L.
Run No.	ONE	
Date	16 JULY 1974	
First Reading	395	
Last Reading	0	
Footage Logged	995	
Depth Reached	396	
Depth Driller		
Casing Driller		
Fluid Type	AIR/WATER	
Liquid Level	389 FEET	
Min. Diam.	4 INCH	
Rm @ 0'		
Operating Time	1-1/2 HOURS	
Truck No.	33	
Recorded By	JOHNSON	Witnessed By
		TAPLIN

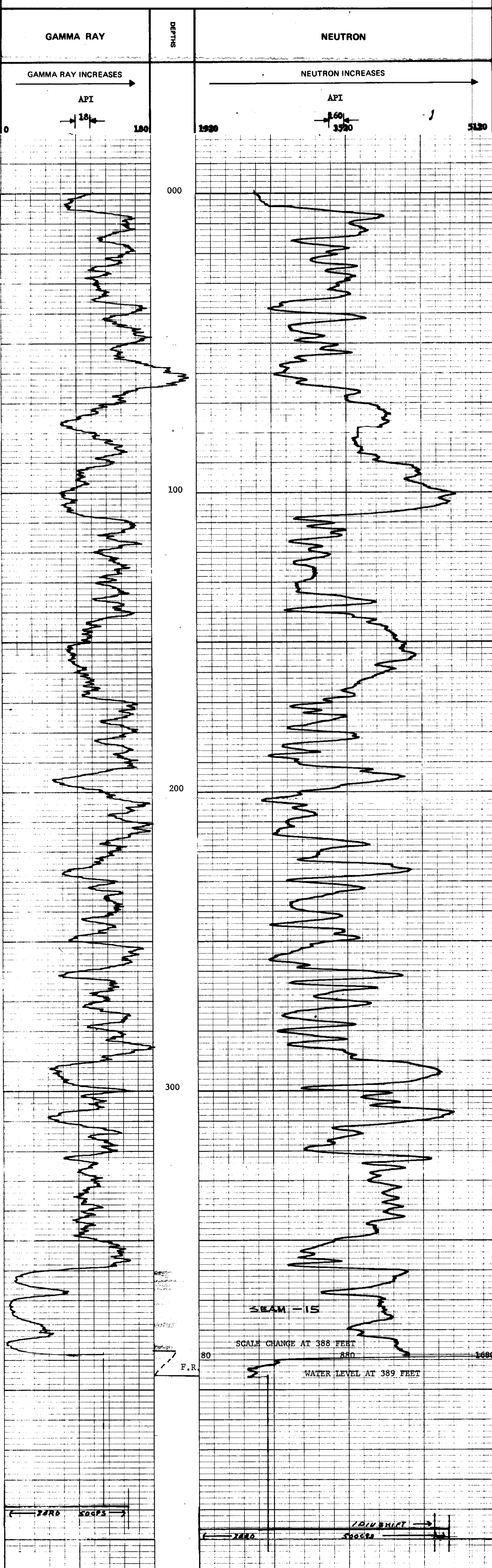
### EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 1/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 1/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	19 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN27U4A-74	STRENGTH	3 CURIES

### LOGGING DATA

RUN NO.	GENERAL		GAMMA RAY				NEUTRON				
	FROM	TO	SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	388	12	5	100	OL	18 APT	5	1000	12L	160 APT
	388	395	12	5	100	OL	18 APT	5	500	1L	80 APT

REMARKS



# ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

K-FREEMAN-74/3C

FILE NO.	COMPANY	FORSDING COAL LIMITED
LSD SEC	WELL	RR-343
TWP	LOCATION	EAGLE MOUNTAIN
RGE	RGE	
M	FIELD	FORSDING
	PROVINCE	BRITISH COLUMBIA
	GROUND LEVEL	
	Other Services:	NIL
Permanent Datum	Log Measured from	GROUND LEVEL
Well Depths Measured from	GROUND LEVEL	
Run No.	ONE	
Date	16 JULY 1974	
First Reading	497	
Last Reading	0	
Footage Logged	497	
Depth Reached	498	
Casing Rate		
Casing Driller		
Fluid Type	AIR/WATER	
Liquid Level	350 FEET	
Min. Diam.	4 INCH	
Rim @ 0'		
Operating Time	1-1/2 HOURS	
Truck No.	53	
Recorded By	JOHNSON	Witnessed By
		JAYLIN

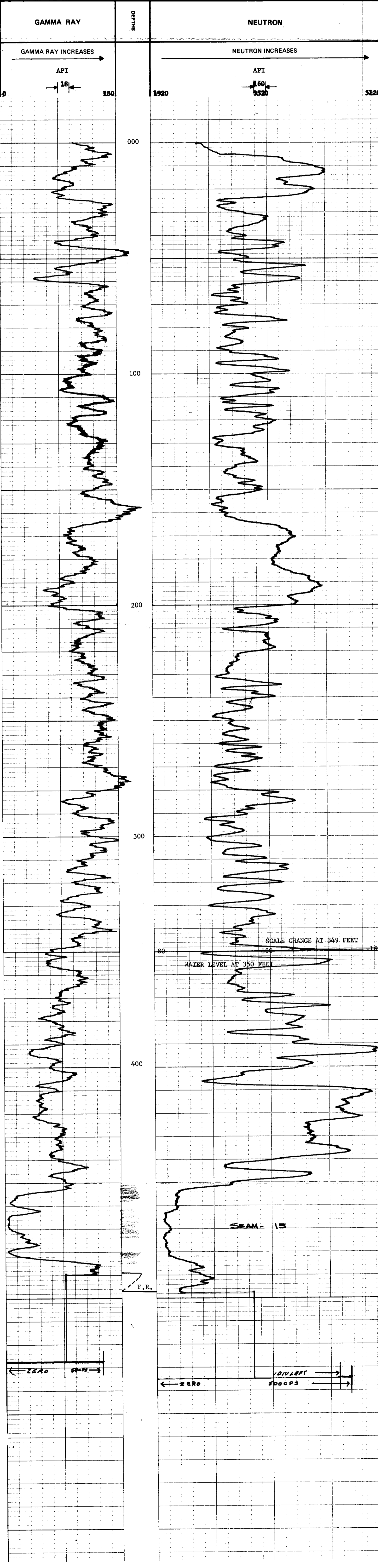
### EQUIPMENT DATA

GAMMA RAY				NEUTRON			
RUN NO.	ONE			RUN NO.	ONE		
TOOL MODEL NO.				LOG TYPE	NEUTRON/NEUTRON		
DIAMETER	1 11/16			TOOL MODEL NO.			
DETECTOR MODEL NO.				DIAMETER	1 11/16		
TYPE	GEIGER			DETECTOR MODEL NO.			
LENGTH	18 INCH			TYPE	PROPORTIONAL		
DISTANCE TO N. SOURCE	8.55 FT.			LENGTH	6 INCH		
				SOURCE MODEL NO.	MRC-N-SS-W		
				SERIAL NO.	598		
HOIST TRUCK NO.	33			SPACING	19 INCH		
INSTRUMENT TRUCK NO.				TYPE	AmBe		
TOOL SERIAL NO.	CGN27U4A-74			STRENGTH	3 CURIES		

### LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS		SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS
	FROM	TO	FT/MIN	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.
1	0	349	12	5	100	OL	18 API	5	1000	12L	160 API
	349	497	12	5	100	OL	18 API	5	500	1L	80 API

REMARKS



# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

K-FERDING 743C

FILE NO.	COMPANY	FORDING COAL LIMITED
LSD SEC	WELL	RR-344
RGE	LOCATION	EAGLE MOUNTAIN
W	FIELD	FORDING
M	PROVINCE	BRITISH COLUMBIA
	Other Services:	NTI
Permit Data:	GROUND LEVEL	Elv. _____
Log Measured from:	GROUND LEVEL	ft. Above Perm. Datum
Well Depth Measured from:	GROUND LEVEL	G.L. _____
Run No.	ONE	
Date	16 JULY 1974	
First Reading	487	
Last Reading	0	
Footage Logged	487	
Depth Reached	488	
Casing Driller		
Casing Driller	AIR/MATER	
Liquid Level	237 FEET	
Min. Diam.	4 INCH	
Rm @ 9F		
Operating Time	1-1/2 HOURS	
Truck No.	33	
Recorded By	JOHNSON	Witnessed By
	TALPIN	

517

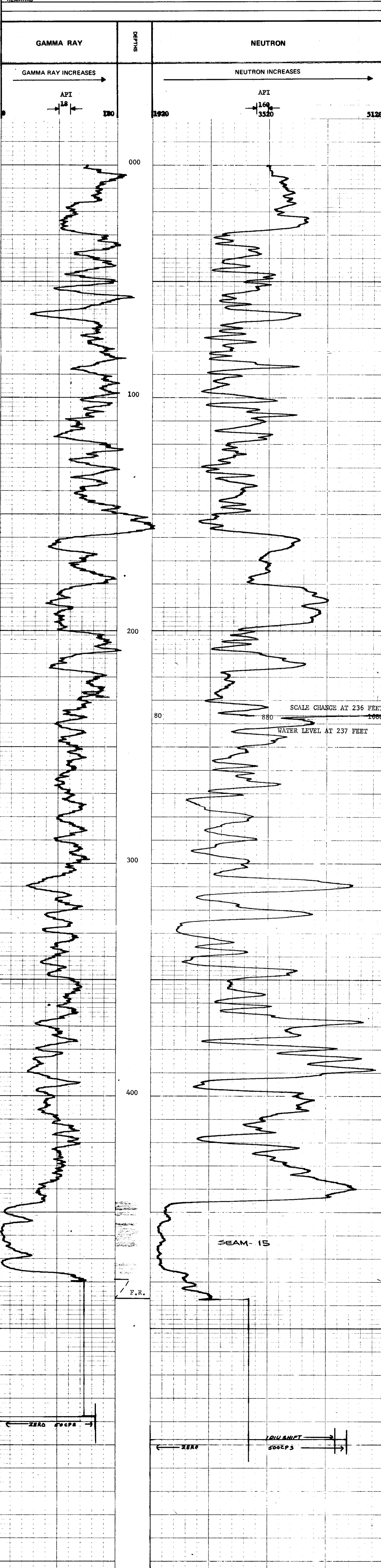
### EQUIPMENT DATA

GAMMA RAY				NEUTRON			
RUN NO.	ONE			RUN NO.	ONE		
TOOL MODEL NO.				LOG TYPE	NEUTRON/NEUTRON		
DIAMETER	1 1/16			TOOL MODEL NO.			
DETECTOR MODEL NO.				DIAMETER	1 1/16		
TYPE	GEIGER			DETECTOR MODEL NO.			
LENGTH	18 INCH			TYPE	PROPORTIONAL		
DISTANCE TO N. SOURCE	8.55 FT.			LENGTH	6 INCH		
				SOURCE MODEL NO.	MRC-N-SS-W		
				SERIAL NO.	598		
HOIST TRUCK NO.	33			SPACING	19 INCH		
INSTRUMENT TRUCK NO.				TYPE	AmBe		
TOOL SERIAL NO.	CGN2714A-74			STRENGTH	8 CURTES		

### LOGGING DATA

RUN NO.	GENERAL DEPTHS		SPEED FT/MIN	T.C. SEC.	GAMMA RAY				NEUTRON			
	FROM	TO			SENS. SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.	
1	0	236	12	5	100	OL	18 API	5	1000	12L	160 API	
	236	487	12	5	100	OL	18 API	5	500	1L	80 API	

REMARKS



# ROKE

GAMMA RAY NEUTRON LOG

K-FOURINE 743C

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	COMPANY	FORDING COAL LIMITED
LSD	WELL	RH-345
SEC	TWP	
RGE	LOCATION	EAGLE MOUNTAIN
W	R	
M	FIELD	FORDING
	PROVINCE	BRITISH COLUMBIA
	Other Services:	NIL
Permanent Datum	GROUND LEVEL	Elv. _____
Log Measured from	GROUND LEVEL	Ft. Above Perm. Datum _____
Well Depth Measured from	GROUND LEVEL	G.L. _____
Run No.	ONE	
Date	26 JULY 1974	
First Reading	421	
Last Reading	0	
Footage Logged	421	
Depth Reached	422	
Depth Driller	425	
Casing Rate		
Casing Driller	AIR/WATER	
Liquid Type	310 FEET	
Liquid Level	4 INCH	
Min. Diam.		
Rm. @ 9f		
Operating Time	1-1/2 HOURS	
Truck No.	33	

317

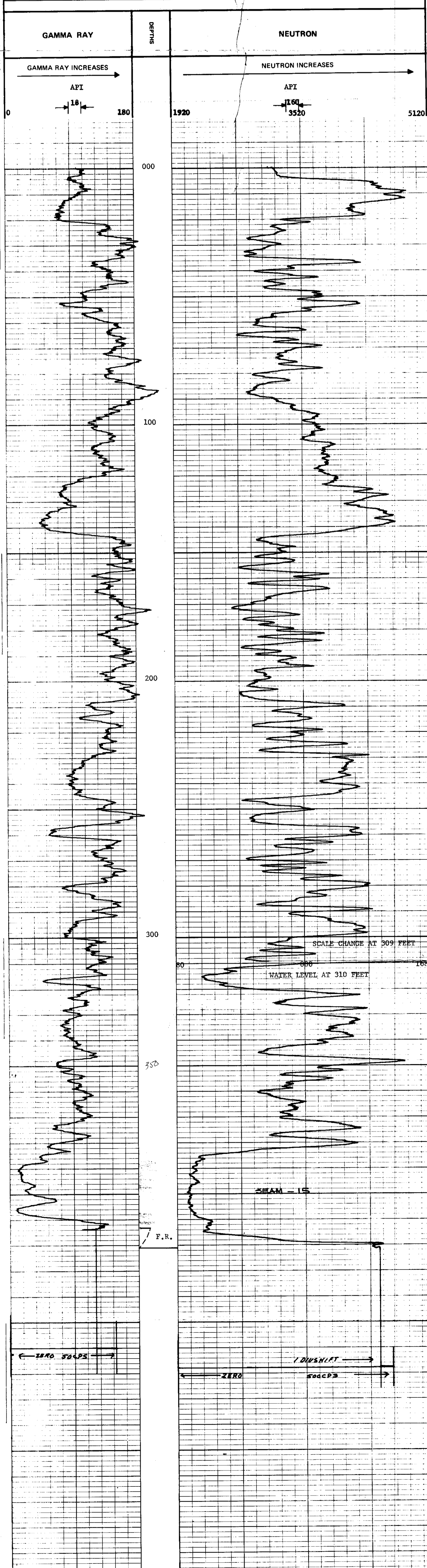
### EQUIPMENT DATA

GAMMA RAY				NEUTRON			
RUN NO.	ONE	RUN NO.	ONE				
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON				
DIAMETER	1 11/16	TOOL MODEL NO.					
DETECTOR MODEL NO.		DIAMETER	1 11/16				
TYPE	GEIGER	DETECTOR MODEL NO.					
LENGTH	18 INCH	TYPE	PROPORTIONAL				
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH				
		SOURCE MODEL NO.	MRC-N-SS-W				
		SERIAL NO.	598				
GENERAL	33	SPACING	19 INCH				
HOIST TRUCK NO.		TYPE	AmBe				
INSTRUMENT TRUCK NO.		STRENGTH	3 CURIES				
TOOL SERIAL NO.	CGN27U4A-74						

### LOGGING DATA

RUN NO.	GENERAL		GAMMA RAY				NEUTRON				
	FROM	TO	SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	309	12	5	100	OL	18 APT	3	1000	12T	160 APT
	310	421	12	5	100	OL	18 APT	3	500	1T	80 APT

REMARKS



Recorded By JOHNSON Witnessed By TAYLOR

# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

K-FOOTING 71/32

FILE NO.	COMPANY	FORGING COAL LIMITED
LSD SEC	WELL	RR-346
TWP	RGE	EAGLE MOUNTAIN
M	LOCATION	FORGING
FIELD	PROVINCE	BRITISH COLUMBIA
Other Services:	NIL	
Permanent Datum	GROUND LEVEL	K.A.
Log Measured from	GROUND LEVEL	CSG
Well Depths Measured from	GROUND LEVEL	G.L.
Run No.	ONE	Date
First Reading	481	26 JULY 1974
Last Reading	0	
Footage Logged	481	
Depth Reached	482	
Depth Driller	486	
Casing Driller		
Fluid Type	AIR/WATER	
Liquid Level	329 FEET	
Mfn. Diam.	4 INCH	
Rm @ 0'		
Operating Time	1-1/2 HOURS	
Truck No.	33	
Recorded By	JOHNSON	Witnessed By
		TAPLIN

## 317

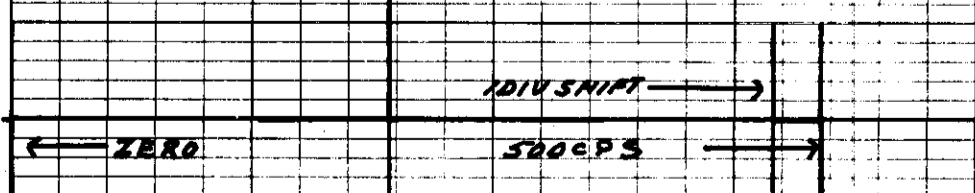
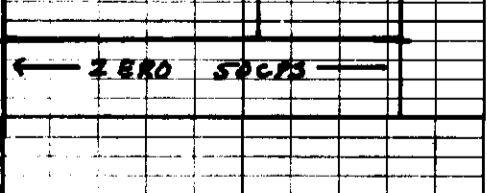
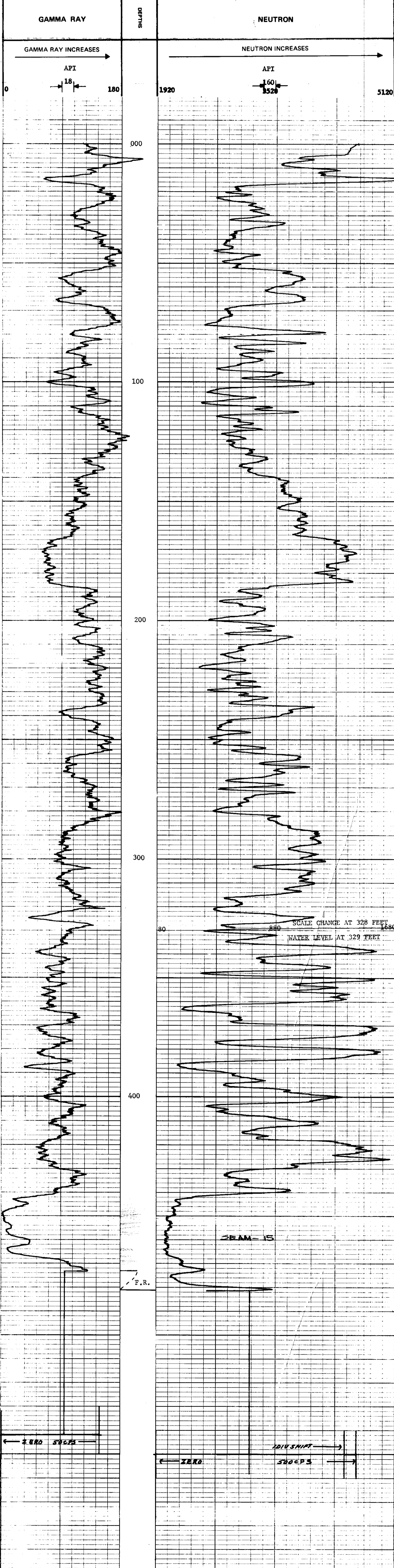
### EQUIPMENT DATA

GAMMA RAY				NEUTRON			
RUN NO.	ONE			RUN NO.	ONE		
TOOL MODEL NO.				LOG TYPE	NEUTRON/NEUTRON		
DIAMETER	1 1/16			TOOL MODEL NO.			
DETECTOR MODEL NO.				DIAMETER	1 1/16		
TYPE	GEIGER			DETECTOR MODEL NO.			
LENGTH	18 INCH			TYPE	PROPORTIONAL		
DISTANCE TO N. SOURCE	8.55 FT.			LENGTH	6 INCH		
				SOURCE MODEL NO.	MRC-N-SS-W		
GENERAL				SERIAL NO.	598		
HOIST TRUCK NO.	33			SPACING	19 INCH		
INSTRUMENT TRUCK NO.				TYPE	AmBe		
TOOL SERIAL NO.	CGN2704A-74			STRENGTH	3 CURIES		

### LOGGING DATA

RUN NO.	GENERAL DEPTHS		SPEED FT/MIN	T.C. SEC	GAMMA RAY			T.C. SEC	NEUTRON		
	FROM	TO			SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.		SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	328	12	5	100	OL	18 APT	3	1000	12T	160 APT
	329	481	12	5	100	OL	18 APT	3	500	11T	8 APT

REMARKS





# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

K. FROINK 74(3)C

FILE NO.	COMPANY	FORDING COAL LIMITED
LSD	WELL	RR-347
SEC	LOCATION	EAGLE MOUNTAIN
TRIP	RGE	M
W	FIELD	FORDING
	PROVINCE	BRITISH COLUMBIA
	Other Services:	NTL
Permanent Datum	GROUND LEVEL	Elev. _____
Log Measured from	GROUND LEVEL	Fl. Above Perm. Datum
Well Depths Measured from	GROUND LEVEL	G.L. _____
Run No.	ONE	Date
Date	26 JULY 1974	First Reading
First Reading	447	Last Reading
Last Reading	0	Footage Logged
Footage Logged	447	Depth Reached
Depth Reached	443	Depth Driller
Depth Driller	453	Casing Rake
Casing Rake		Casing Driller
Casing Driller		Fluid Type
Fluid Type	AIR/WATER	Liquid Level
Liquid Level	285 FEET	Min. Diam.
Min. Diam.	4 INCH	Rim @ 9F
Rim @ 9F		Operating Time
Operating Time	1-1/2 HOURS	Truck No.
Truck No.	33	Recorded By
Recorded By	JOHNSON	Witnessed By
Witnessed By	TAPLIN	

## 317

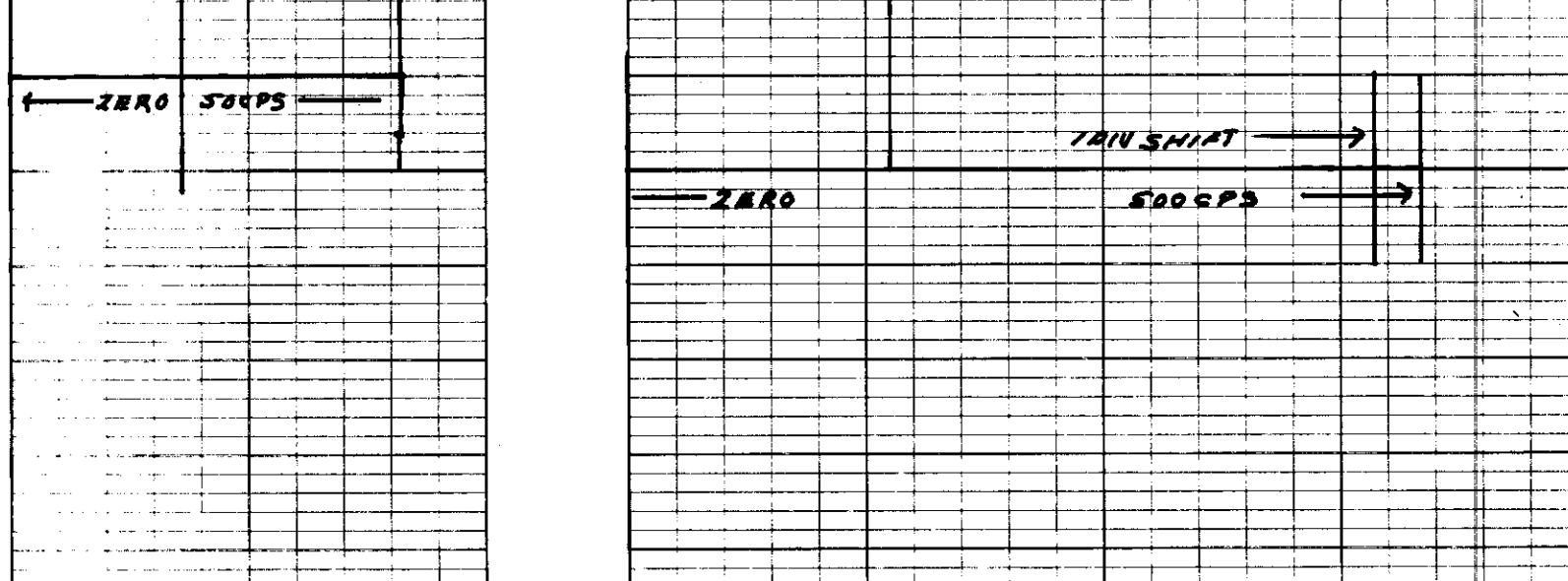
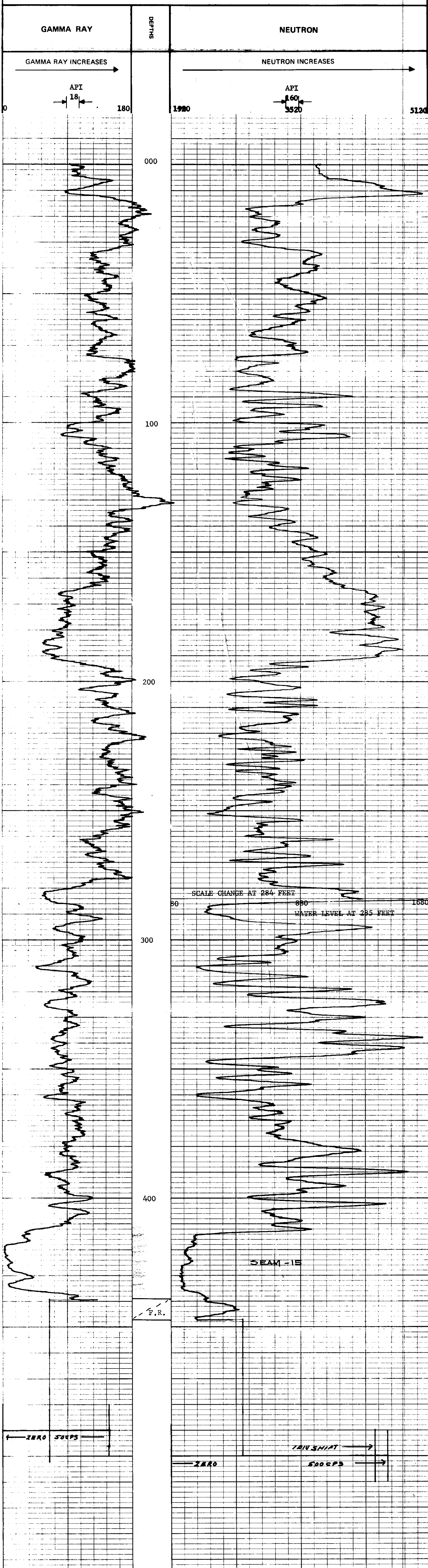
### EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 1/8	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 1/8
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	19 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN27U4A-74	STRENGTH	3 CURIES

### LOGGING DATA

RUN NO.	GENERAL				GAMMA RAY				NEUTRON			
	DEPTHS	SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS		
1	0	284	12	5	100	18 API	3	1000	12L	160 API		
	285	447	12	5	100	18 API	3	500	1L	80 API		

REMARKS



# ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	COMPANY	FORDING COAL LIMITED
LSD	WELL	RH-348
SEC	RGE	EAGLE MOUNTAIN
W	FIELD	FORDING
M	PROVINCE	BRITISH COLUMBIA
	Other Services:	NIL
Permanent Datum	GROUND LEVEL	Elev. _____
Log Measured from	GROUND LEVEL	Ft. Above Perm. Datum _____
Well Depths Measured from	GROUND LEVEL	G.L. _____
Run No.	ONE	
Date	26 JULY 1974	
First Reading	430	
Last Reading	0	
Footage Logged	430	
Depth Reached	431	
Depth Driller	436	
Casing Roke		
Casing Driller	AIR/WATER	
Fluid Type	340 FEET	
Liquid Level	4 INCH	
Min. Diam.		
Rm @ 9'		
Operating Time	1-1/2 HOURS	
Truck No.	33	
Recorded By	JOHNSON	Witnessed By
		TAPLIN

## 317

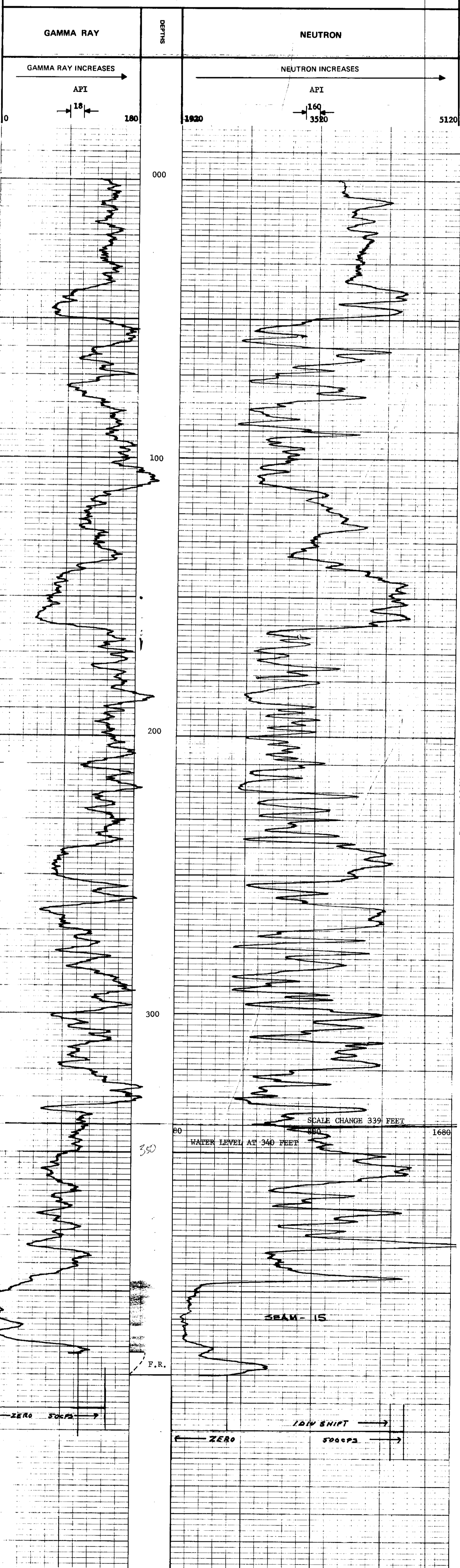
### EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 1/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 1/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL	33	SERIAL NO.	598
HOIST TRUCK NO.		SPACING	19 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN27U4A-74	STRENGTH	3 CURIES

### LOGGING DATA

RUN NO.	GENERAL			GAMMA RAY			NEUTRON			API N. UNITS PER LOG DIV.	
	DEPTHS FROM	TO	SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS		ZERO DIV. L OR R
1	0	339	12	5	100	OL	18 API	3	1000	12L	160 API
	340	430	12	5	100	OL	18 API	3	500	1L	80 API

REMARKS



← ZERO 500 CPS →

← ZERO 100 SHIFT 500 CPS →

F.R.

WATER LEVEL AT 340 FEET

SCALE CHANGE 339 FEET

# ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

K-FAZON & TALSIC

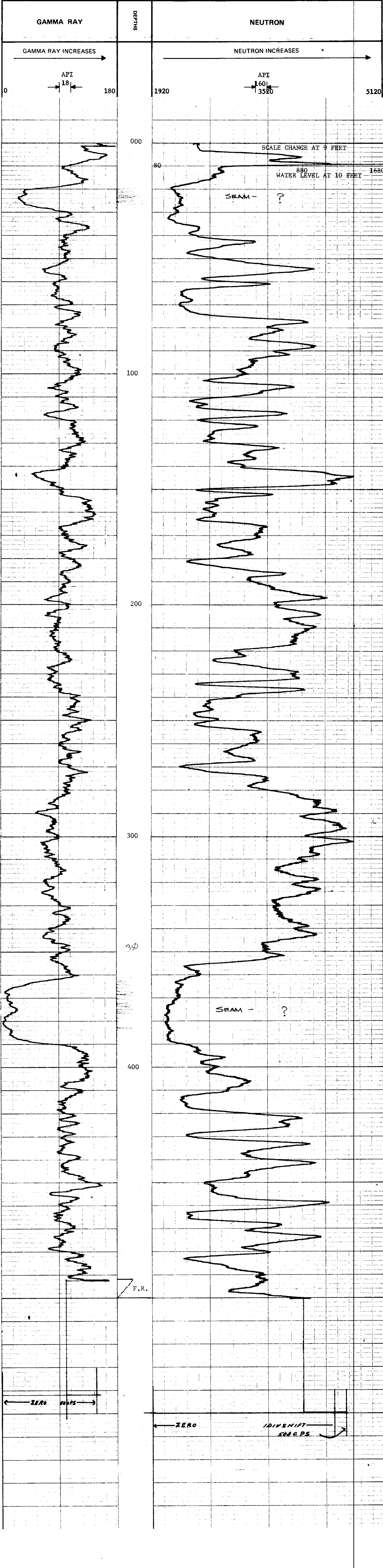
317

FILE NO.	COMPANY	ROKING COAL LIMITED
LSD SEC	WELL	RH-349
TWP	LOCATION	EAGLE MOUNTAIN
RGE	FIELD	ROKING
W	PROVINCE	BRITISH COLUMBIA
M	Log Measured from	GROUND LEVEL
	Well Depths Measured from	GROUND LEVEL
	Other Services:	NIL
	K.B.	
	CSG	
	G.L.	
Permanent Datum	GROUND LEVEL	Elev. _____
Log Measured from	GROUND LEVEL	ft. Above Perm. Datum
Well Depths Measured from	GROUND LEVEL	
Run No.	ONE	
Date	22 AUGUST 1974	
First Reading	500	
Last Reading	0	
Footage Logged	500	
Depth Reached	501	
Depth Driller		
Casing Driller		
Casing Roke		
Fluid Type	AIR/WATER	
Liquid Level	10 FEET	
Min. Diam.	4-7/8 INCH	
Rm @ 9F		
Operating Time	1-1/2 HOURS	
Truck No.	33	
Recorded By	JOHNSON	Witnessed By
	TAPLIN	

EQUIPMENT DATA			
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
		SERIAL NO.	598
		SPACING	19 INCH
		TYPE	AmBe
		STRENGTH	3 CURTES
GENERAL			
HOIST TRUCK NO.	33		
INSTRUMENT TRUCK NO.			
TOOL SERIAL NO.	CGN27U4A-65		

LOGGING DATA											
GENERAL			GAMMA RAY				NEUTRON				
RUN NO.	DEPTHS	SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS	
	FROM	TO	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	
1	0	9	12	5	100	OL	18 API	3	1000	12L	160 API
	10	500	12	5	100	OL	18 API	3	500	1L	80 API

REMARKS



# ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

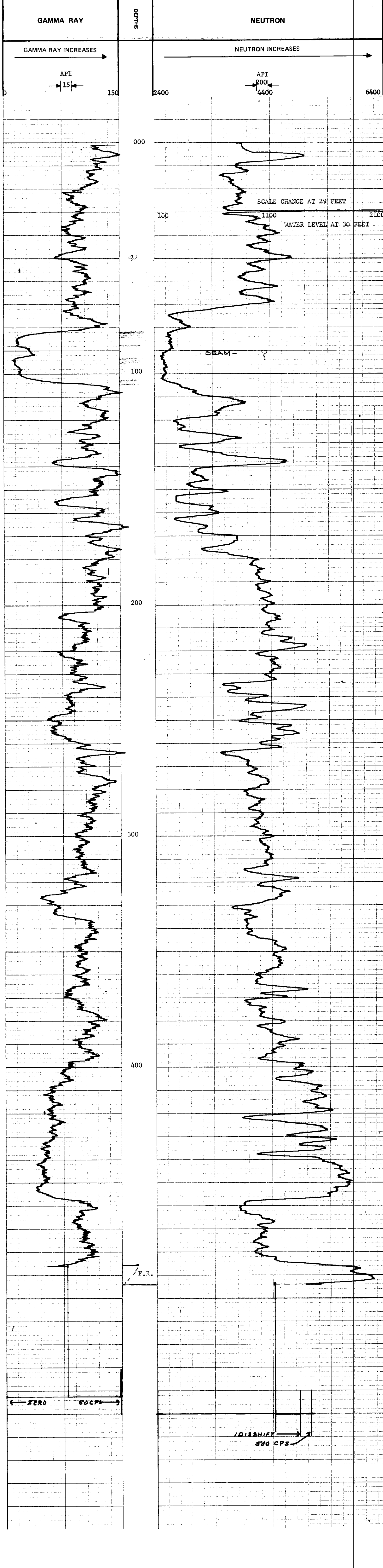
*R-38001-74(3)C*

FILE NO.	COMPANY	FORDING COAL LIMITED
LSD SEC	WELL	RH-350
TWP	LOCATION	EAGLE MOUNTAIN
RGE	FIELD	FORDING
M	PROVINCE	BRITISH COLUMBIA
Other Services:	NIL	
Permanent Datum	GROUND LEVEL	Other: _____
Log Measured from	GROUND LEVEL	F. Above Perm. Datum
Well Depth Measured from	GROUND LEVEL	G.L. _____
Run No.	ONE	Date
Date	22 AUGUST 1974	First Reading
First Reading	494	Last Reading
Last Reading	0	Footage Logged
Footage Logged	494	Depth Reached
Depth Reached	495	Depth Driller
Depth Driller	498	Casing Hole
Casing Hole		Casing Driller
Casing Driller		Fluid Type
Fluid Type	AIR/WATER	Liquid Level
Liquid Level	30 FEET	Min. Diam.
Min. Diam.	4-7/8 INCH	Rm @ 0'
Rm @ 0'		Operating Time
Operating Time	1-1/2 HOURS	Truck No.
Truck No.	33	

EQUIPMENT DATA			
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	19 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN27U4A-65	STRENGTH	3 CURIES

LOGGING DATA										
GENERAL			GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS	SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS
	FROM	TO	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.
1	0	29	12	5	100	OL	3	1000	12L	200 API
	30	494	12	5	100	OL	3	500	1L	100 API

REMARKS



Recorded By	JOHNSON	Witnessed By	TAPLIN
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# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

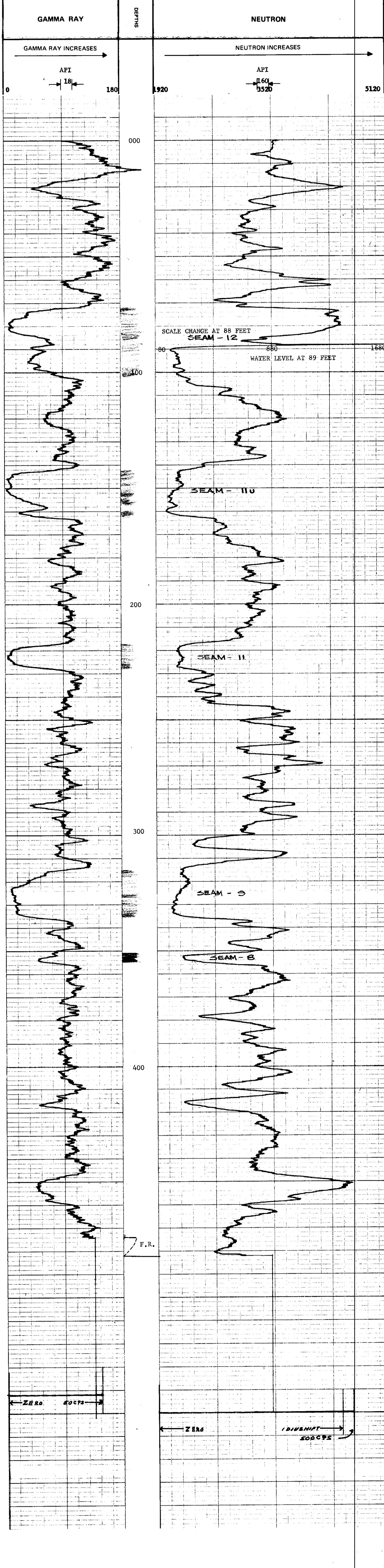
K-FRODINS 7432

FILE NO.	COMPANY	FORBING COAL LIMITED
LSD SEC	WELL	RH-351
TWP	LOCATION	EAGLE MOUNTAIN
RGE	FIELD	FORBING
M	PROVINCE	BRITISH COLUMBIA
	Other Services:	NTI
Permanent Datum	GROUND LEVEL	Elev. _____
Log Measured from	GROUND LEVEL	Ft. Above Perm. Datum _____
Well Depths Measured from	GROUND LEVEL	G.L. _____
Run No.	ONE	
Date	22 AUGUST 1974	
First Reading	481	
Last Reading	0	
Footage Logged	481	
Depth Reached	482	
Casing Driller		
Casing Type	API/HAUER	
Liquid Level	89 FEET	
Min. Diam.	4-7/8 INCH	
Rm @ 0'		
Operating Time	1-1/2 HOURS	
Truck No.	33	

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	19 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN27U4A-65	STRENGTH	3 CURIES

GENERAL		GAMMA RAY				NEUTRON					
RUN NO.	DEPTHS	SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS	
	FROM	TO	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	
1	0	88	12	5	100	OL	18 API	3	1000	12L	150 API
	89	481	12	5	100	OL	18 API	3	500	1L	80 API

REMARKS



# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

K-FORING 74(3)C

**317**

FILE NO.	COMPANY	FORDING COAL LIMITED
LSD	WELL	RI-352
SEC	RGE	EAGLE MOUNTAIN
TWP	LOC	FORDING
RGE	PROV	BRITISH COLUMBIA
W	FIELD	
	Other Services:	NIL
Permanent Datum	GROUND LEVEL	
Loc Measured from	GROUND LEVEL	
Well Depth Measured from	GROUND LEVEL	
	Other Services:	NIL
Run. No.	ONE	
Date	22 AUGUST 1974	
First Reading	495	
Last Reading	0	
Footage Logged	495	
Depth Reached	496	
Depth Driller		
Casing Driller		
Fluid Type	AIR/WATER	
Liquid Level	92 FEET	
Min. Diam.	4-7/8 INCH	
Run @ of		
Operating Time	1-1/2 HOURS	
Track No.	33	
Recorded By	JOHNSON	Witnessed By
	ZAYLIN	

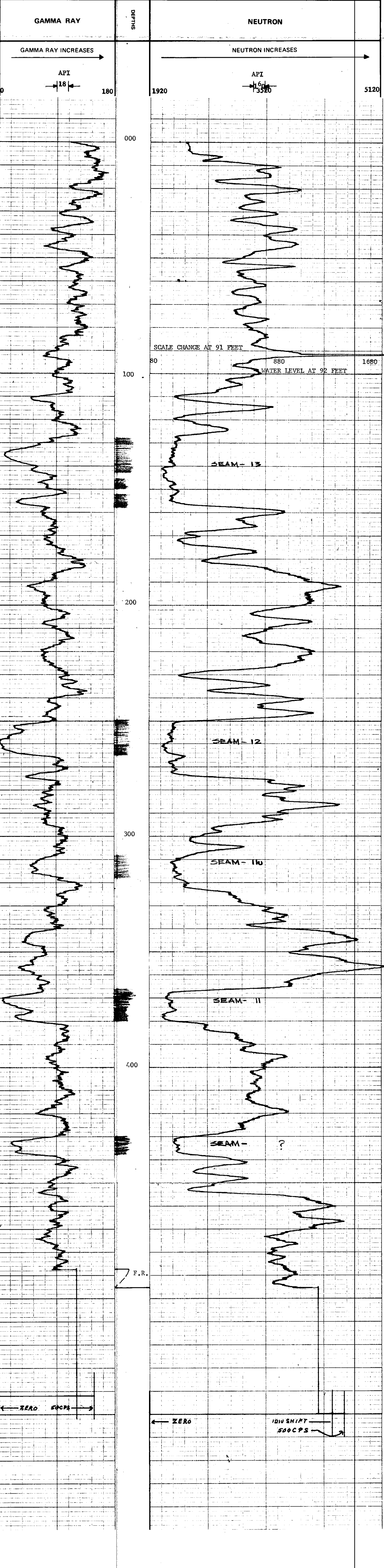
### EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	19 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN27U4A-65	STRENGTH	3 CURTES

### LOGGING DATA

RUN NO.	GENERAL		GAMMA RAY				NEUTRON				
	FROM	TO	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.	
1	0	91	12	5	100	OL	18 API	3	1000	12T	160 API
	92	495	12	5	100	OL	18 API	3	500	1I	80 API

REMARKS



# ROKE

GAMMA RAY NEUTRON LOG

K-FOSSINE 74/32c

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	COMPANY	FORGING COAL LIMITED
LSD SEC TWP RGE	WELL	RH-353
W	LOCATION	EAGLE MOUNTAIN
M	FIELD	FORGING
	PROVINCE	BRITISH COLUMBIA
	Permanent Datum	GROUND LEVEL
	Log Measured from	GROUND LEVEL
	Well Depths Measured from	GROUND LEVEL
	Elev.	
	Fl. Above Perm. Datum	
	K.B.	
	CSG	
	G.L.	
	Other Services:	NIL
Run No.	ONE	
Date	4 SEPTEMBER 1974	
First Reading	251	
Last Reading	0	
Footage Logged	251	
Depth Reached	252	
Depth Driller	259	
Casing Bore		
Casing Driller		
Fluid Type	AIR/WATER	
Liquid Level	121	
Min. Diam.	4-7/8	
Rm @ 9f		
Operating Time	1 HOUR	
Truck No.	33	
Recorded By	JOHNSON	Witnessed By
		TAPLIN

317

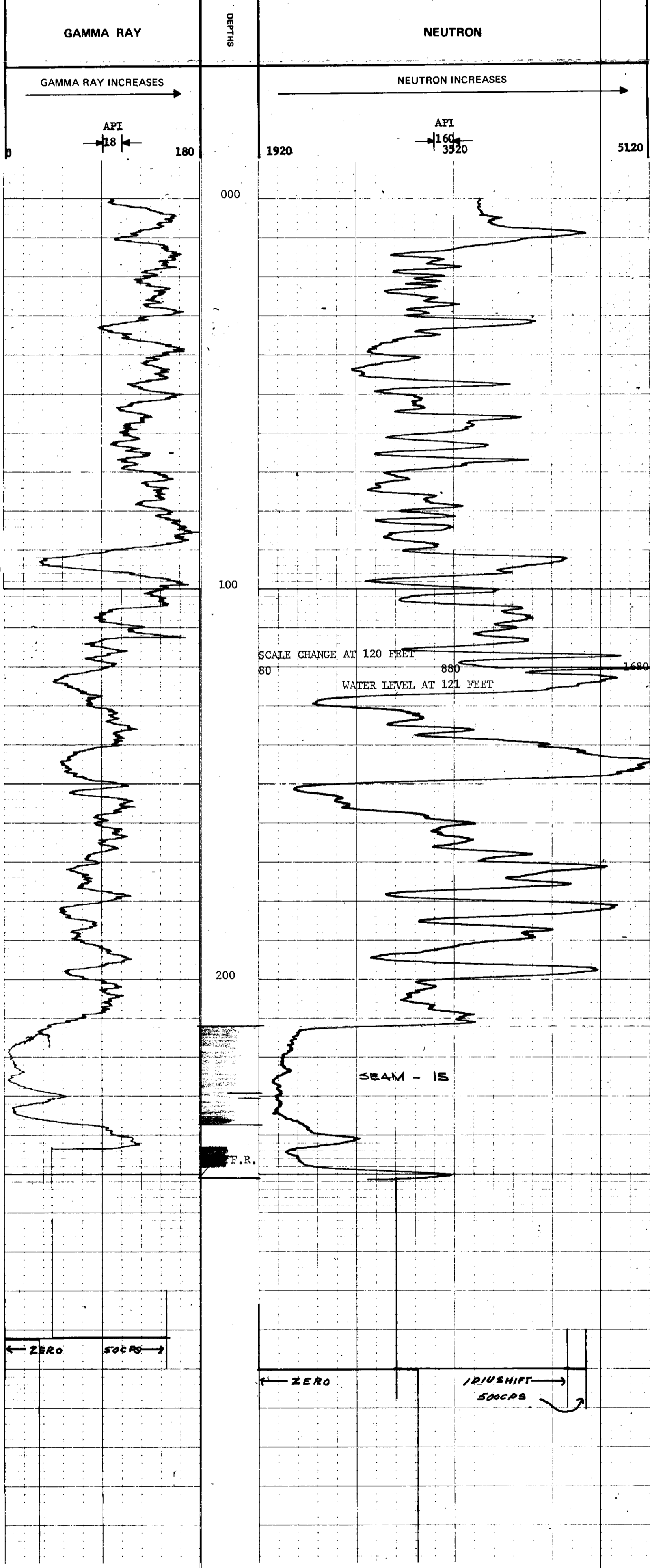
### EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	19 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN27U4A-65	STRENGTH	3 CURTES

### LOGGING DATA

RUN NO.	GENERAL			GAMMA RAY				NEUTRON			
	DEPTHS	SPEED	FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	FROM 0 TO 120	12		5	100	OL	18 API	3	1000	12L	160 API
	120 TO 251	12		5	100	OL	18 API	3	500	1L	80 API

REMARKS



← ZERO 500 CPS →

← ZERO 121 USHIFT 500 CPS →

F.R.

SEAM - IS

SCALE CHANGE AT 120 FEET  
80 1680  
WATER LEVEL AT 121 FEET

GAMMA RAY INCREASES →

← NEUTRON INCREASES →

# ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

K-580005 74/30

FILE NO. \_\_\_\_\_  
 COMPANY FORDING COAL LIMITED  
 WELL RI-354  
 LOCATION EAGLE MOUNTAIN  
 FIELD FORDING  
 PROVINCE BRITISH COLUMBIA  
 Log Measured from GROUND LEVEL  
 Well Depths Measured from GROUND LEVEL  
 Other Services: NONE

**317**

Run No. ONE  
 Date 4 SEPTEMBER 1974  
 First Reading 270  
 Last Reading 0  
 Footage Logged 270  
 Depth Reached 271  
 Depth Driller \_\_\_\_\_  
 Casing Driller \_\_\_\_\_  
 Fluid Type AIR/WATER  
 Liquid Level 248  
 Min. Diam. 4-7/8  
 Rim @ of \_\_\_\_\_  
 Operating Time 1 HOUR  
 Truck No. 33

Recorded By JOHNSON  
 Witnessed By TAPLIN

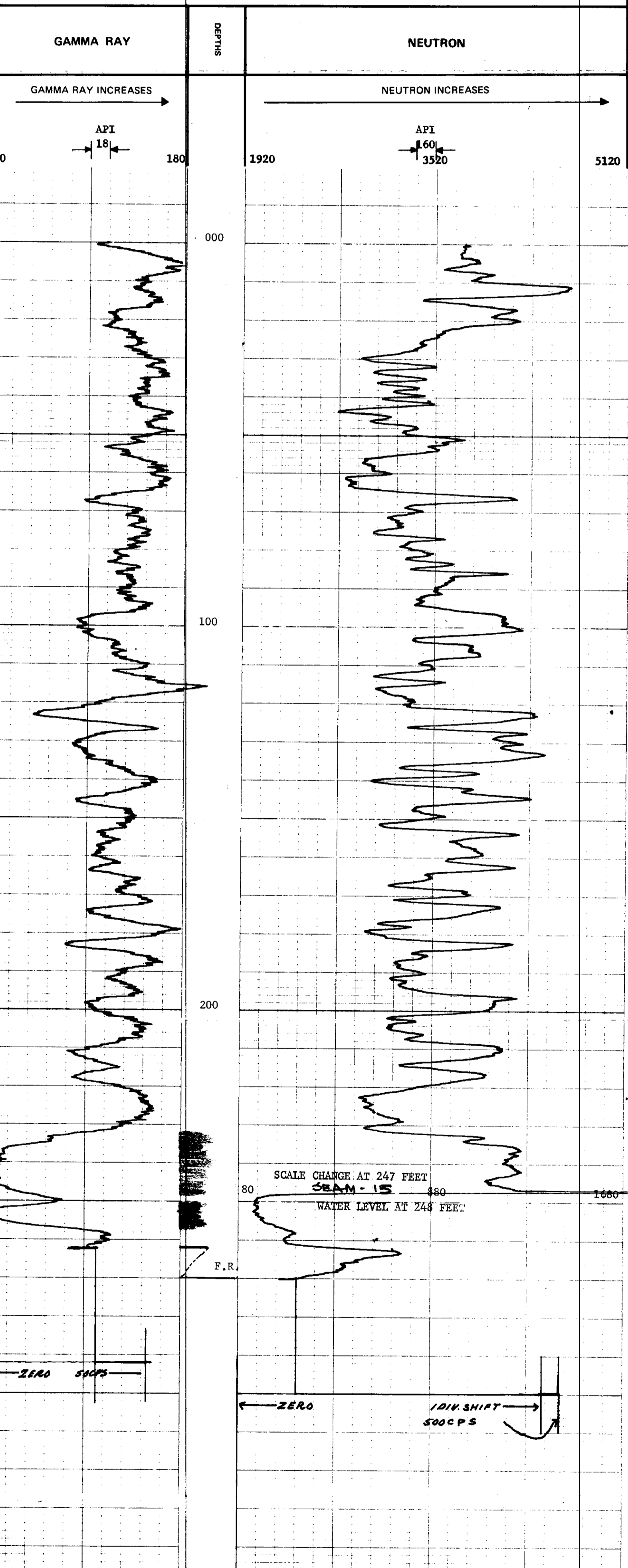
### EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	19 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN27U4A-65	STRENGTH	3 CURIES

### LOGGING DATA

RUN NO.	DEPTHS		SPEED FT/MIN	T.C. SEC.	GAMMA RAY			NEUTRON			
	FROM	TO			SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	247	12	5	100	OL	18 API	3	1000	12L	160 API
	248	270	12	5	100	OL	18 API	3	500	1L	80 API

REMARKS



ZERO 500PS

SCALE CHANGE AT 247 FEET  
 SEAM - 15  
 WATER LEVEL AT 248 FEET

ZERO 1 DIV. SHIFT 500 CPS



# ROKE

GAMMA RAY NEUTRON LOG

K. FOREMAN 74/31c

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	COMPANY	FORDING COAL LIMITED
LSD	WELL	RH-355
SEC	LOCATION	EAGLE MOUNTAIN
TWP	RGE	
RGE	FIELD	FORDING
W	PROVINCE	BRITISH COLUMBIA
M	Other Services:	NIL
Permanent Datum	GROUND LEVEL	Elev. _____
Log Measured from	GROUND LEVEL	Ft. Above Perm. Datum _____
Well Depths Measured from	GROUND LEVEL	K.B. _____
		CSG _____
		G.L. _____
Run No.	ONE	
Date	4 SEPTEMBER 1974	
First Reading	213	
Last Reading	0	
Footage Logged	213	
Depth Reached	214	
Depth Driller	218	
Casing Roke		
Casing Driller		
Fluid Type	AIR/WATER	
Liquid Level	210	
Min. Diam.	4-7/8	
Rm @ 0'		
Operating Time	1 HOUR	
Truck No.	33	
Recorded By	JOHNSON	Witnessed By
		TAPLIN

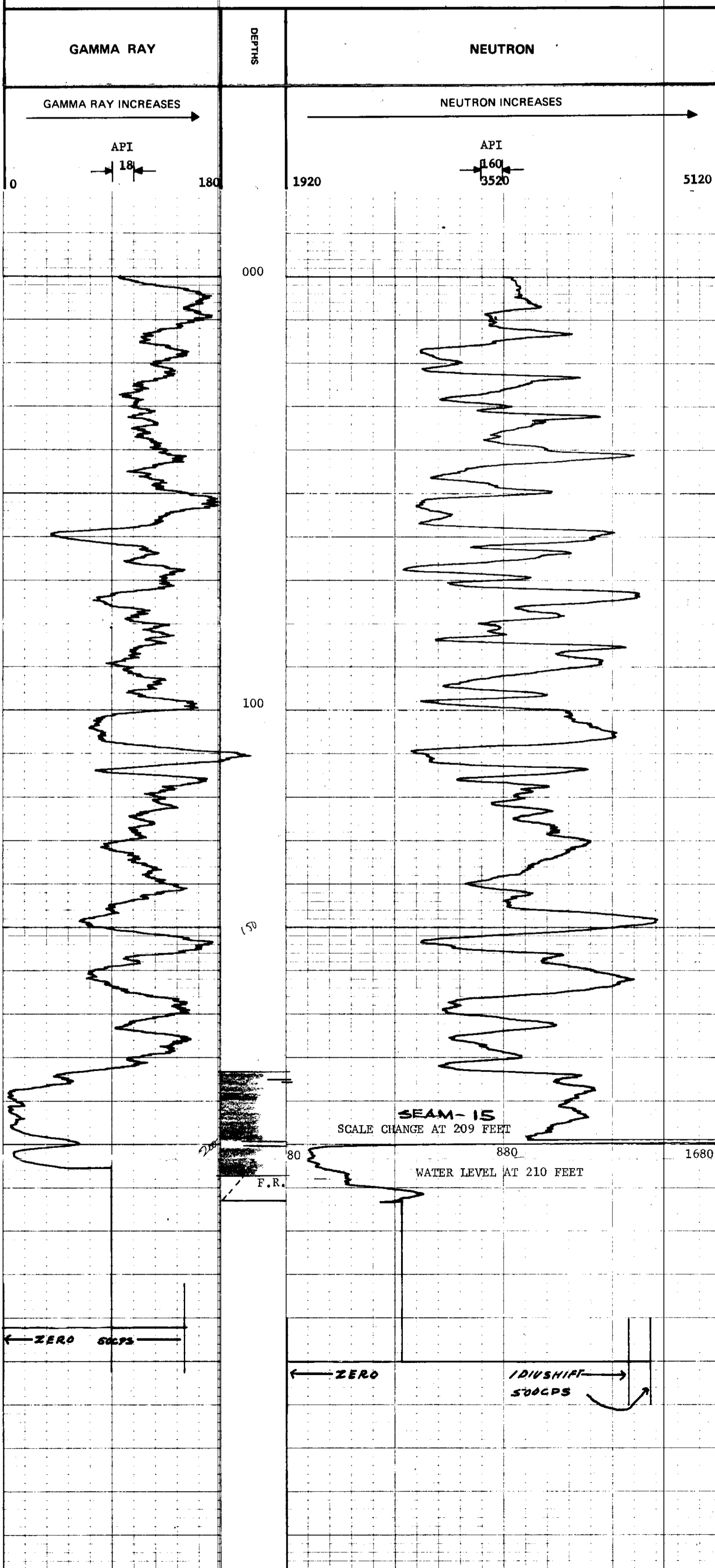
### EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
		SERIAL NO.	598
GENERAL		SPACING	19 INCH
HOIST TRUCK NO.	33	TYPE	AmBe
INSTRUMENT TRUCK NO.		STRENGTH	3 CURIES
TOOL SERIAL NO.	CGN27U4A-65		

### LOGGING DATA

RUN NO.	GENERAL		GAMMA RAY				NEUTRON				
	FROM	TO	SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS
	FT/MIN	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.		
1	0	209	12	5	100	OL	18 API	3	1000	12L	160 API
	210	213	12	5	100	OL	18 API	3	500	1L	80 API

REMARKS



# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

K- Fracture 74/30

FILE NO. \_\_\_\_\_  
 COMPANY FORDING COAL LIMITED  
 WELL RH-356  
 LOCATION EAGLE MOUNTAIN  
 RANGE \_\_\_\_\_  
 FIELD FORDING  
 PROVINCE BRITISH COLUMBIA  
 Other Services: NILL

## 317

Permanent Datum: GROUND LEVEL  
 Log Measured from: GROUND LEVEL  
 Well Depths Measured from: GROUND LEVEL  
 Elev. \_\_\_\_\_ Ft. Above Perm. Datum  
 K.B. \_\_\_\_\_  
 C.S.G. \_\_\_\_\_  
 G.L. \_\_\_\_\_

Run No. ONE  
 Date 4 SEPTEMBER 1974  
 First Reading 532  
 Last Reading 0  
 Footage Logged 532  
 Depth Reached 533  
 Depth Driller 539  
 Casing Role \_\_\_\_\_

Casing Driller \_\_\_\_\_  
 Fluid Type AIR/WATER  
 Liquid Level 44  
 Min. Diam. 4-7/8  
 Rim @ of \_\_\_\_\_  
 Operating Time 1-1/2 HOURS  
 Truck No. 33

Recorded By JOHNSON Witnessed By TAYLOR

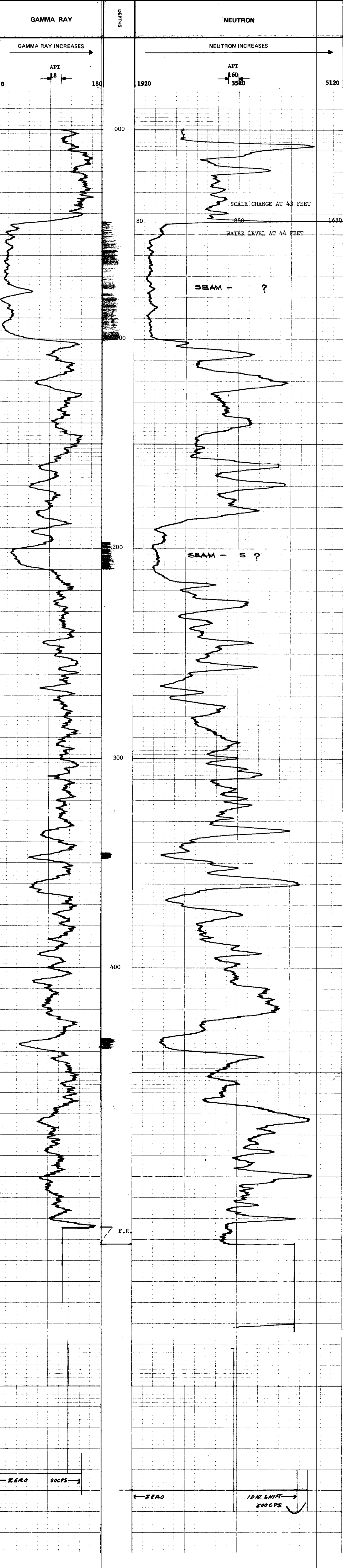
### EQUIPMENT DATA

GAMMA RAY				NEUTRON			
RUN NO.	ONE			RUN NO.	ONE		
TOOL MODEL NO.				LOG TYPE	NEUTRON/NEUTRON		
DIAMETER	1 11/16			TOOL MODEL NO.			
DETECTOR MODEL NO.				DIAMETER	1 11/16		
TYPE	GEIGER			DETECTOR MODEL NO.			
LENGTH	18 INCH			TYPE	PROPORTIONAL		
DISTANCE TO N. SOURCE	8.55 FT.			LENGTH	6 INCH		
GENERAL				SOURCE MODEL NO.	MRC-N-SS-W		
HOIST TRUCK NO.	33			SERIAL NO.	598		
INSTRUMENT TRUCK NO.				SPACING	19 INCH		
TOOL SERIAL NO.	CGN27U4A-65			TYPE	AmBe		
				STRENGTH	3 CURIES		

### LOGGING DATA

GENERAL			GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS	SPEED	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	43	12	5	100	OL	18	3	1000	12L
	44	532	12	5	100	OL	18	3	500	1L

REMARKS



← ZERO 500CPS →

← ZERO 10% SHIFT 500CPS →

# ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

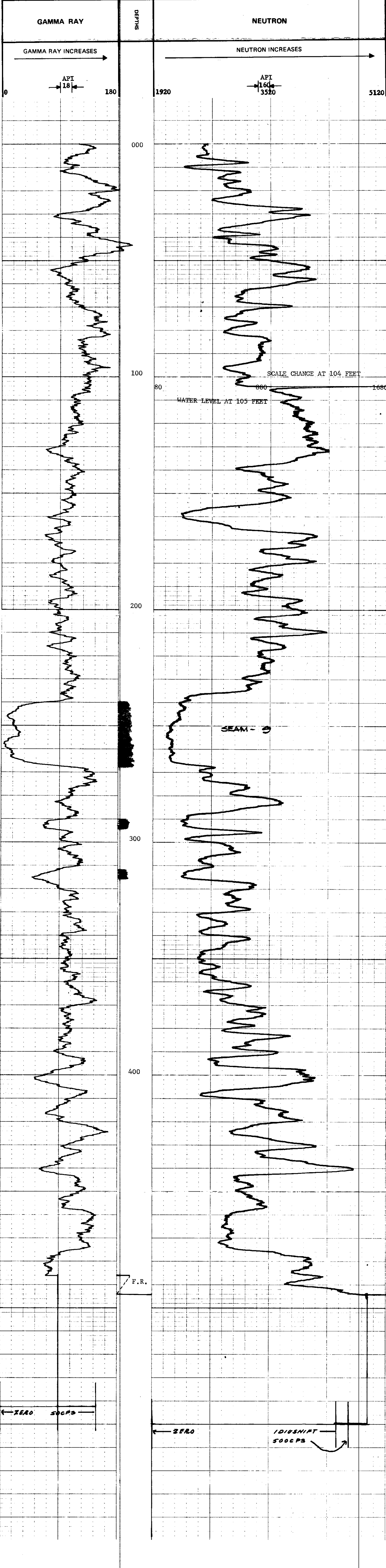
K. FREEMAN 7/13/52

FILE NO.	COMPANY	FORGING COAL LIMITED
LSD	WELL	RR-357
SEC	RGE	EAGLE MOUNTAIN
TWP	LOC	FORGING
RGE	FIELD	FORGING
PROV	PROV	BRITISH COLUMBIA
Other Services:	NIL	
Permanent Datum	GROUND LEVEL	Fl. Above Perm. Datum
Log Measured from	GROUND LEVEL	G.L.
Well Depths Measured from	GROUND LEVEL	G.L.
Run No.	ONE	Date
Date	4 SEPTEMBER 1974	First Reading
First Reading	0	Last Reading
Last Reading	0	Footage Logged
Footage Logged	494	Depth Reached
Depth Reached	495	Depth Driller
Depth Driller	503	Casing Driller
Casing Driller		Fluid Type
Fluid Type	AIR/WATER	Liquid Level
Liquid Level	105	Min. Diam.
Min. Diam.	4-7/8	Rm @ of
Rm @ of		Operating Time
Operating Time	1-1/2 HOURS	Truck No.
Truck No.	33	Recorded By
Recorded By	JOHNSON	Witnessed By
Witnessed By	TAPLIN	

EQUIPMENT DATA			
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	19 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN27U4A-65	STRENGTH	3 CURIES

LOGGING DATA										
GENERAL			GAMMA RAY				NEUTRON			
RUN NO.	FROM	TO	T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	104	5	100	OL	18 API	3	1000	12L	160 API
	105	494	5	100	OL	18 API	3	500	1L	80 API

REMARKS



# ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO. \_\_\_\_\_  
 COMPANY FORDING COAL LIMITED  
 WELL RR-358  
 LOCATION EAGLE MOUNTAIN  
 FIELD FORDING  
 PROVINCE BRITISH COLUMBIA  
 Other Services: NIL

LSD \_\_\_\_\_  
 SEC \_\_\_\_\_  
 TYP \_\_\_\_\_  
 RGE \_\_\_\_\_  
 W \_\_\_\_\_

Permanent Datum: GROUND LEVEL  
 Log Measured from: GROUND LEVEL  
 Well Depths Measured from: GROUND LEVEL  
 Elevation: \_\_\_\_\_  
 F. Above Perm. Datum: \_\_\_\_\_  
 K.B. \_\_\_\_\_  
 C.S.G. \_\_\_\_\_  
 G.L. \_\_\_\_\_

Run No. ONE  
 Date 4 SEPTEMBER 1974  
 First Reading 521  
 Last Reading 0  
 Footage Logged 521  
 Depth Reached 522  
 Depth Driller 530

Casing Driller \_\_\_\_\_  
 Fluid Type AIR/WATER  
 Liquid Level 78  
 Min. Diam. 4-7/8  
 Rim @ of \_\_\_\_\_  
 Operating Time 1-1/2 HOURS  
 Truck No. 33  
 Recorded By JOHNSON  
 Witnessed By TAZLIN

**317**

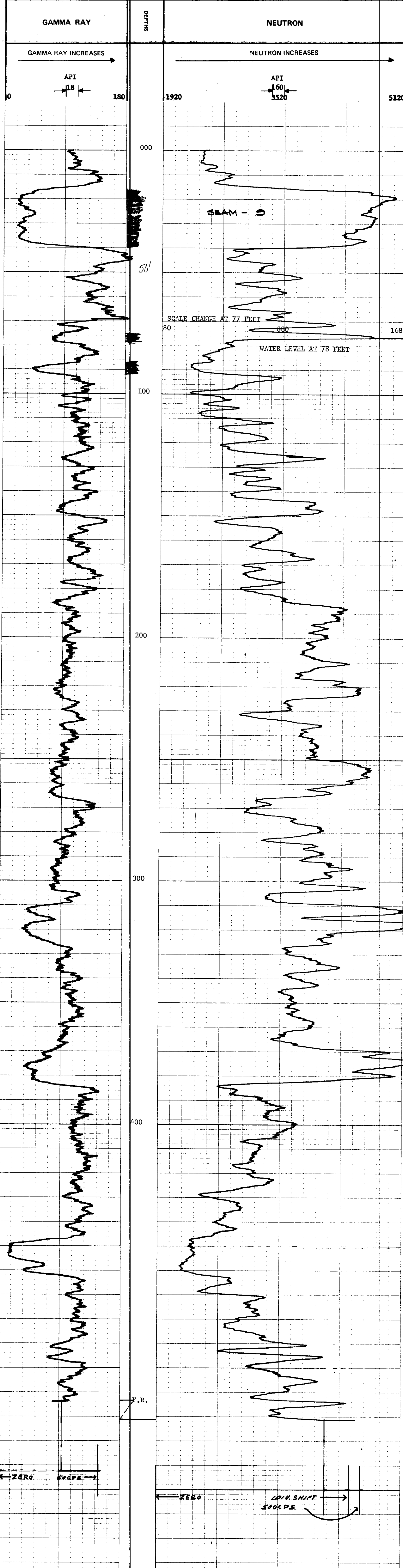
## EQUIPMENT DATA

GAMMA RAY				NEUTRON			
RUN NO.	ONE			RUN NO.	ONE		
TOOL MODEL NO.				LOG TYPE	NEUTRON/NEUTRON		
DIAMETER	1 11/16			TOOL MODEL NO.			
DETECTOR MODEL NO.				DIAMETER	1 11/16		
TYPE	GEIGER			DETECTOR MODEL NO.			
LENGTH	18 INCH			TYPE	PROPORTIONAL		
DISTANCE TO N. SOURCE	8.55 FT.			LENGTH	6 INCH		
				SOURCE MODEL NO.	MRC-N-SS-W		
				SERIAL NO.	598		
HOIST TRUCK NO.	33			SPACING	19 INCH		
INSTRUMENT TRUCK NO.				TYPE	AmBe		
TOOL SERIAL NO.	CGN27U4A-65			STRENGTH	3 CURTES		

## LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS		SPEED	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	FROM 0	TO 77	12 FT/MIN	5	100	OL	18 API	3	1000	12L	160 API
	78	521	12	5	100	OL	18 API	3	500	1L	80 API

REMARKS



← ZERO 180 API  
 500 CPS

← ZERO 160 API  
 1600 CPS  
 500 CPS

# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

K-1-360105 74/32c

**317**

FILE NO.	COMPANY	WELL	LOCATION	FIELD	PROVINCE	PERMANENT DATUM	Elev.	K.B.
	FORDING COAL LIMITED	RR-359	EAGLE MOUNTAIN	FORDING	BRITISH COLUMBIA	GROUND LEVEL		
LSD SEC TWP RGE						GROUND LEVEL		
						GROUND LEVEL		
W						GROUND LEVEL		
						GROUND LEVEL		
Run. No.	Date	First Reading	Last Reading	Footage Logged	Depth Reached	Depth Driller	Casing Roke	Fluid Type
ONE	4 SEPTEMBER 1974	353	0	353	354	359		AIR/WATER
								Liquid Level
								Min. Diam.
								Rm @ of
								Operating Time
								Truck No.
Recorded By	Witnessed By							
JOHNSON	TAPLIN							

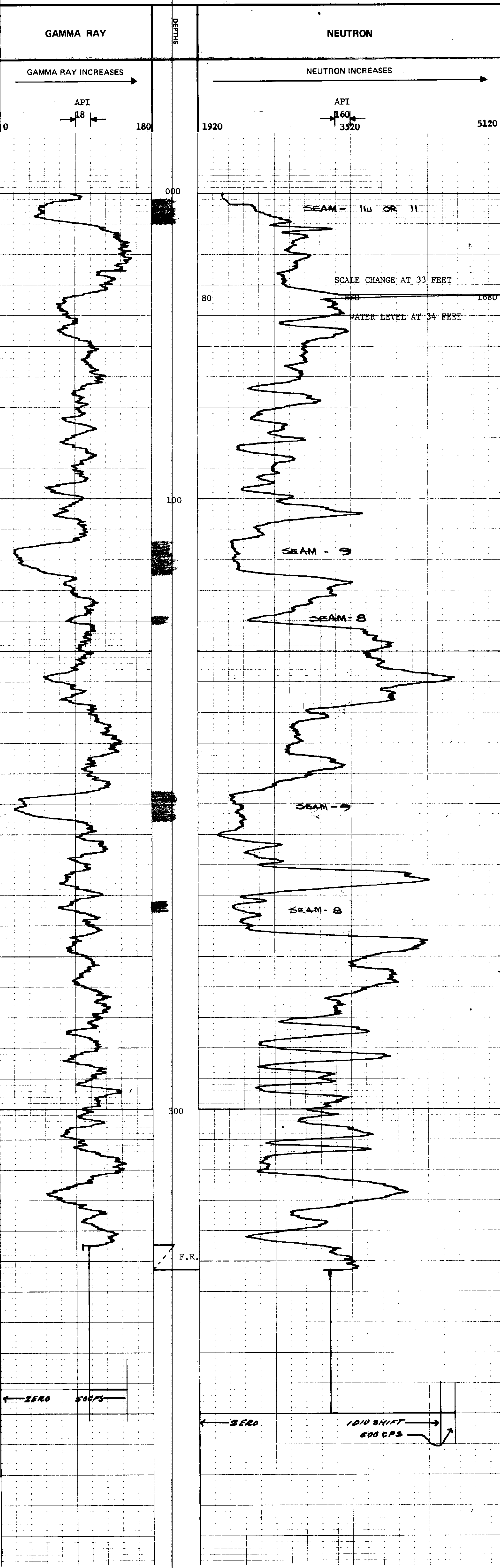
### EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 1/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 1/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	855 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	19 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN2704A-65	STRENGTH	3 CURIES

### LOGGING DATA

RUN NO.	GENERAL		GAMMA RAY			NEUTRON			
	FROM	TO	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	33	100	OL	18 API	3	1000	12L	160 API
	34	353	100	OL	18 API	3	500	1L	80 API

REMARKS



# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

K- FROST'S 74 (3) C

FILE NO. COMPANY **FORBINE COAL LIMITED**  
 WELL **RH-360**  
 LOCATION **EAGLE MTD**  
 FIELD **FORBINE**  
 PROVINCE **BRITISH COLUMBIA**

**317**

Perman Datum **GROUND LEVEL** Elev. \_\_\_\_\_  
 Log Measured from **GROUND LEVEL** Ft. Above Perm. Datum \_\_\_\_\_  
 Well Depths Measured from **GROUND LEVEL** \_\_\_\_\_

Other Services: **NONE**

Run No. **ONE**  
 Date **18 OCT 1974**  
 First Reading **325**  
 Last Reading **0**  
 Footage Logged **325**  
 Depth Reached **326**  
 Casing Driller **BLANKETER**  
 Fluid Type **WATER**  
 Liquid Level **34 FEET**  
 Min. Diam. **4 7/8**  
 Rm @ 9F \_\_\_\_\_  
 Operating Time **1 1/2 HOURS**  
 Truck No. **33**

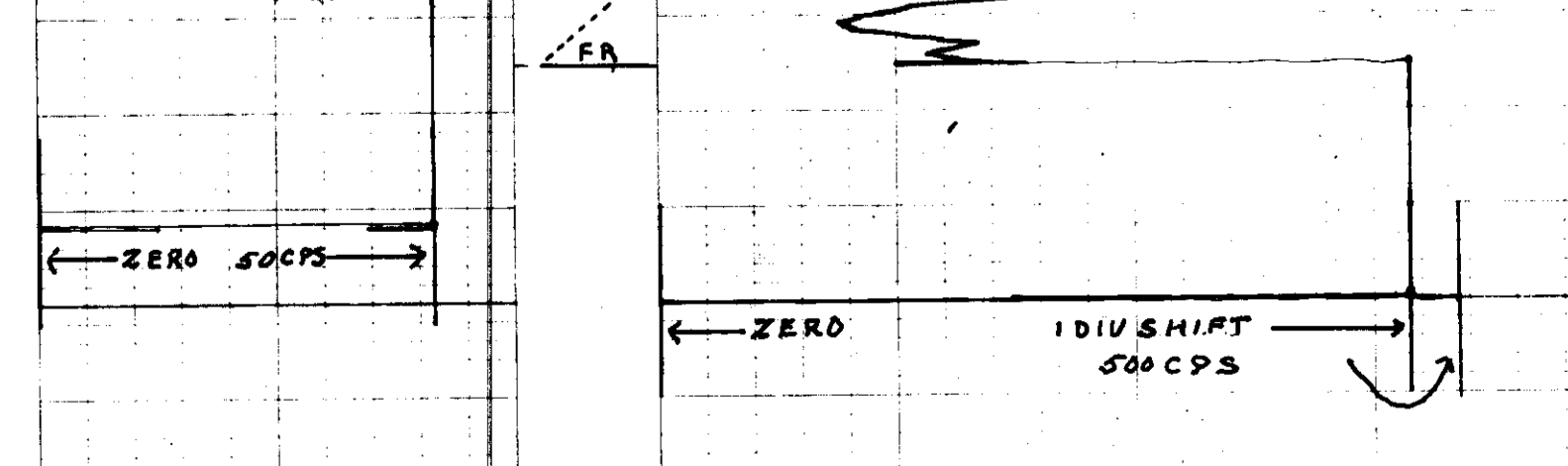
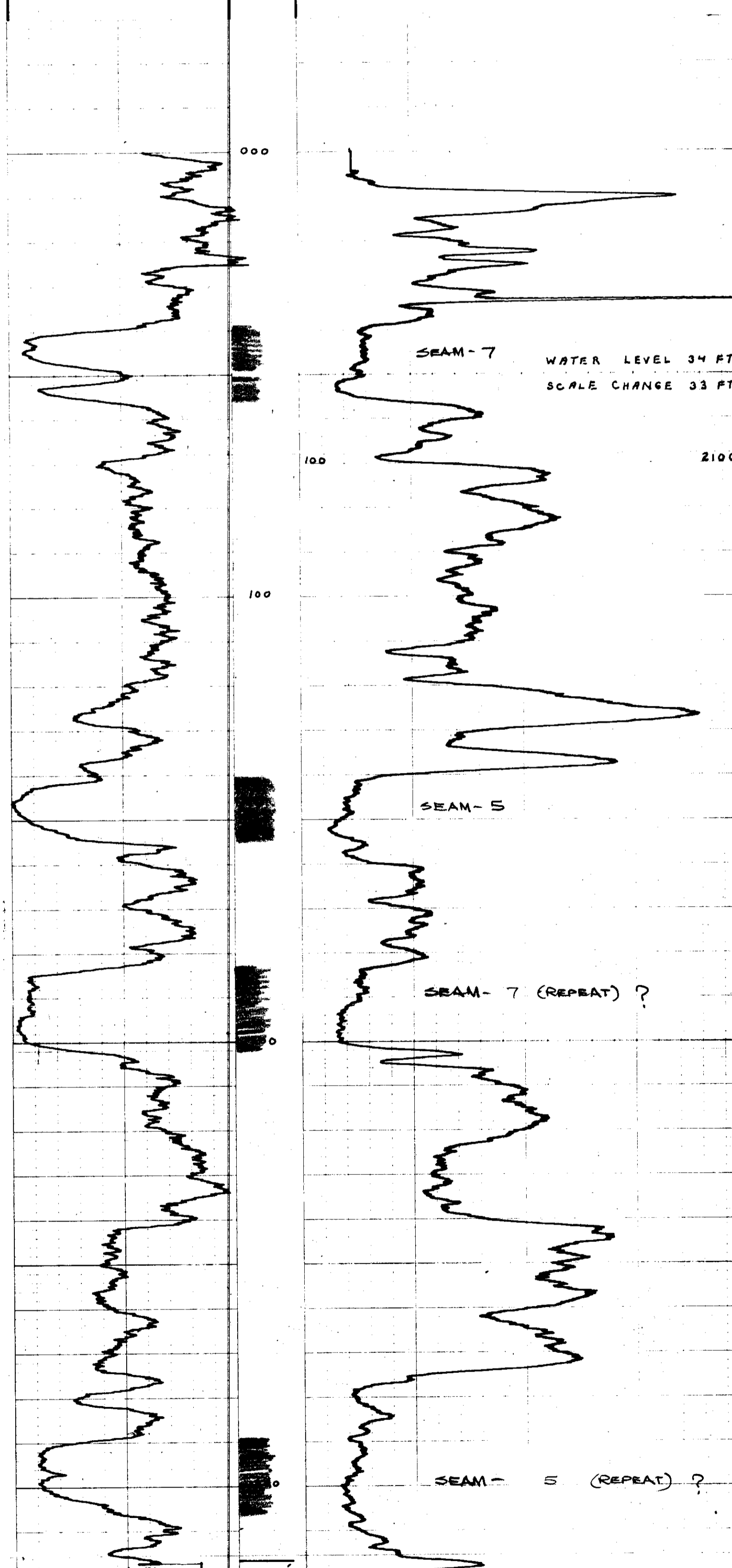
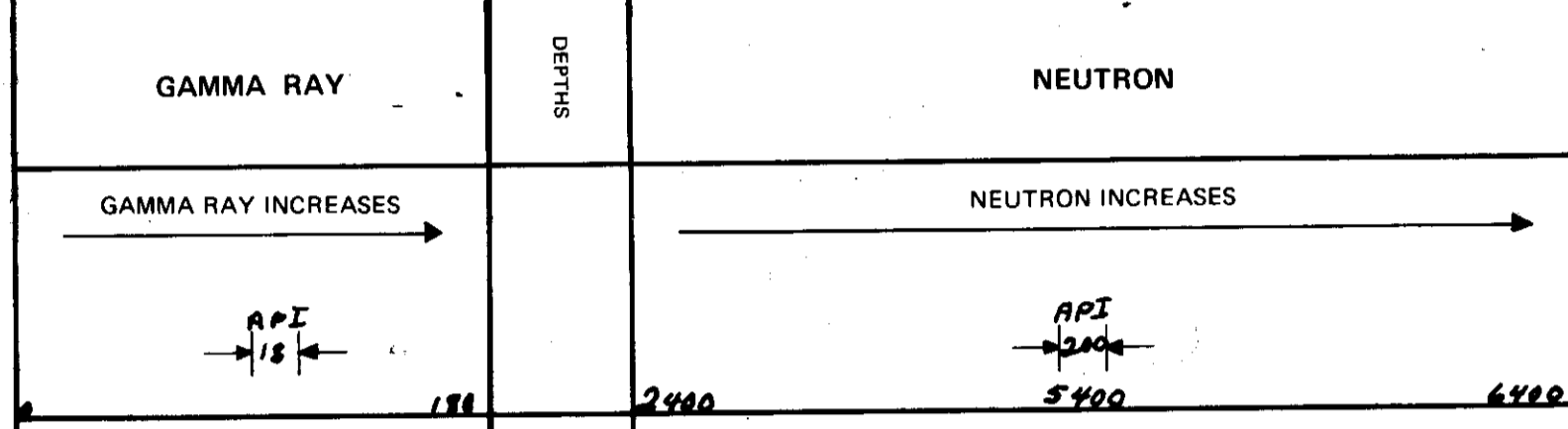
### EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	<b>ONE</b>	RUN NO.	<b>ONE</b>
TOOL MODEL NO.		LOG TYPE	<b>NEUTRON/NEUTRON</b>
DIAMETER	<b>1 11/16</b>	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	<b>1 11/16</b>
TYPE	<b>GEIGER</b>	DETECTOR MODEL NO.	
LENGTH	<b>18 INCH</b>	TYPE	<b>PROPORTIONAL</b>
DISTANCE TO N. SOURCE	<b>8.55 FT.</b>	LENGTH	<b>6 INCH</b>
		SOURCE MODEL NO.	<b>MRC-NSS-W</b>
		SERIAL NO.	<b>598</b>
HOIST TRUCK NO.	<b>33</b>	SPACING	<b>39 INCH</b>
INSTRUMENT TRUCK NO.		TYPE	<b>AmBe</b>
TOOL SERIAL NO.	<b>CGN2744A-65</b>	STRENGTH	<b>364R1CS</b>

### LOGGING DATA

GENERAL			GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS	SPEED	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0 TO 34	12	5	100	OL	18 API	3	1000	12L	200 API
	35 TO 325	12	5	100	OL	18 API	3	500	1L	100 API

REMARKS



Recorded By **JOHNSON** Witnessed By **TRILLI**

# ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO. COMPANY **FORDING COAL LIMITED**

WELL **RM-361**

LOCATION **EGGLE MTN.**

FIELD **FORDING**

PROVINCE **BRITISH COLUMBIA**

Log Measured from **GROUND LEVEL**

Well Depths Measured from **GROUND LEVEL**

Run No. **ONE**

Date **18 OCT. 1974**

First Reading **547**

Last Reading **0**

Footage Logged **547**

Depth Reached **548**

Casing Driller

Fluid Type **AIR/WATER**

Liquid Level **138 FEET**

Min. Diam. **4 7/8**

Operating Time **1 1/2 HOURS**

Truck No. **53**

**317**

K-Fastline 743c

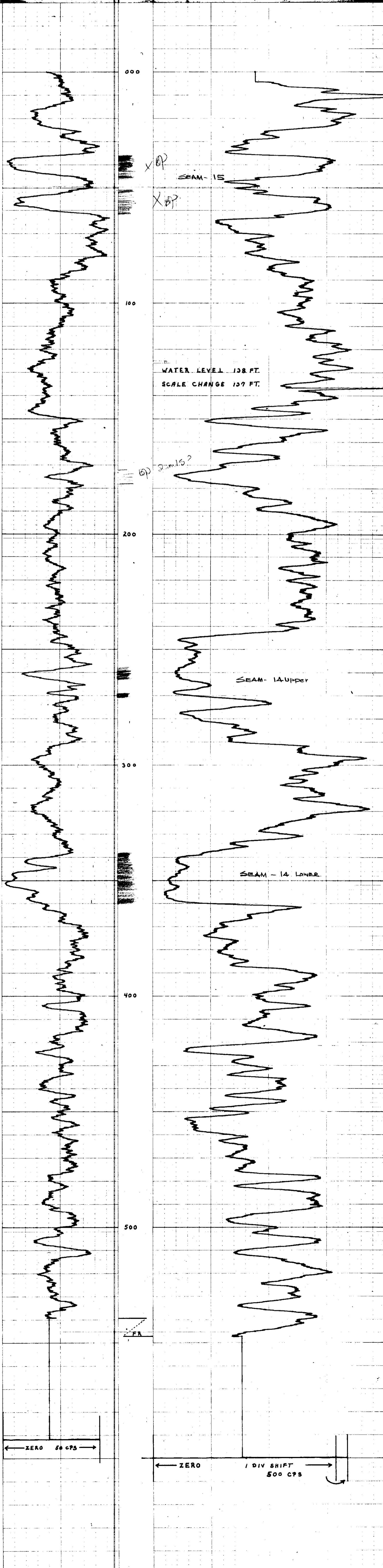
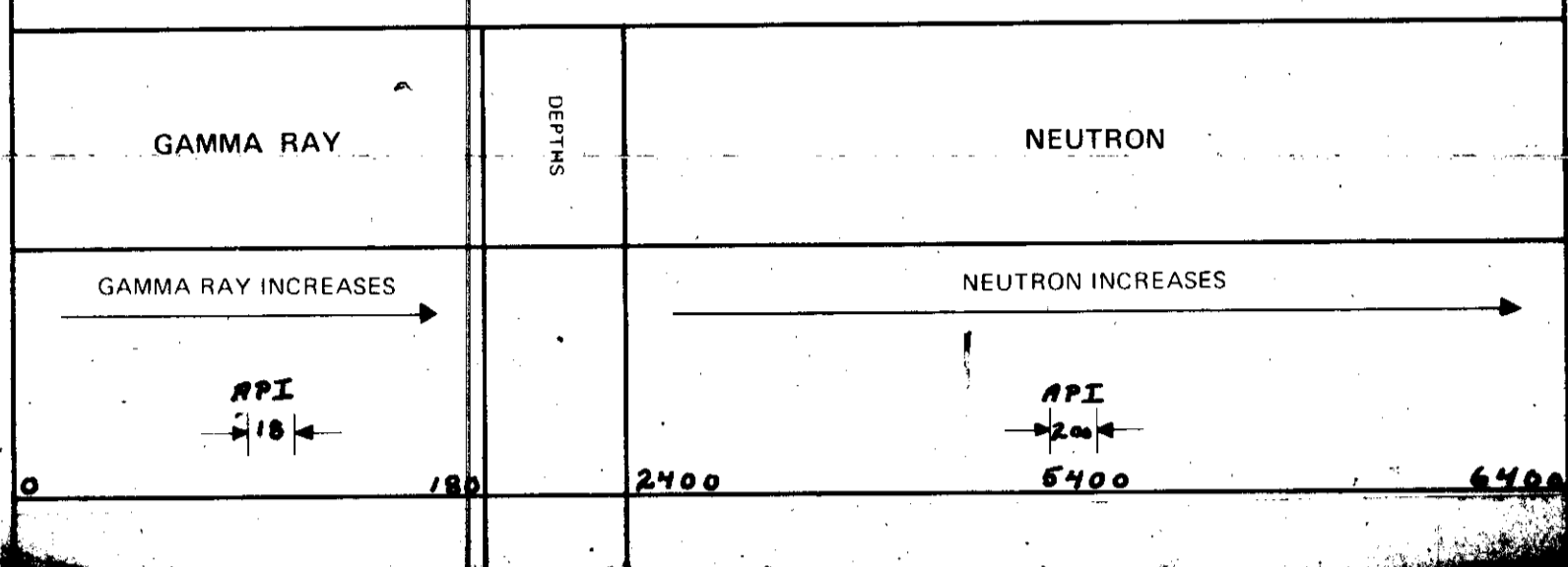
### EQUIPMENT DATA

GAMMA RAY				NEUTRON			
RUN NO.	ONE			RUN NO.	ONE		
TOOL MODEL NO.				LOG TYPE	NEUTRON/NEUTRON		
DIAMETER	1 11/16			TOOL MODEL NO.			
DETECTOR MODEL NO.	GEIGER			DIAMETER	1 1/2		
TYPE	18 INCH			DETECTOR MODEL NO.	PROPORTIONAL		
LENGTH	8.55 FT.			TYPE	6 INCH		
DISTANCE TO N. SOURCE				LENGTH	MRC-N-SS-W		
GENERAL				SOURCE-MODEL NO.	698		
HOIST TRUCK NO.	33			SERIAL NO.	19 INCH		
INSTRUMENT TRUCK NO.				SPACING	AmBe		
TOOL SERIAL NO.	CEN2704A-65			TYPE	3 CURRIES		
				STRENGTH			

### LOGGING DATA

RUN NO.	GENERAL		SPEED FT/MIN	GAMMA RAY				NEUTRON			
	DEPTHS FROM	TO		T.C. SEC.	SENS SETTINGS	ZERO DIV L OR R	API G. R. UNITS PER LOG DIV	T.C. SEC.	SENS SETTINGS	ZERO DIV L OR R	API N. UNITS PER LOG DIV
1	0	138	12	5	100	0 L.	18 API	3	1000	12 L.	200 API
	138	547	12	5	100	0 L.	18 API	3	500	1 L.	100 API

REMARKS



Recorded By **JOHNSON** Witnessed By **TAPLIN**

# ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

K-George 74(3)C

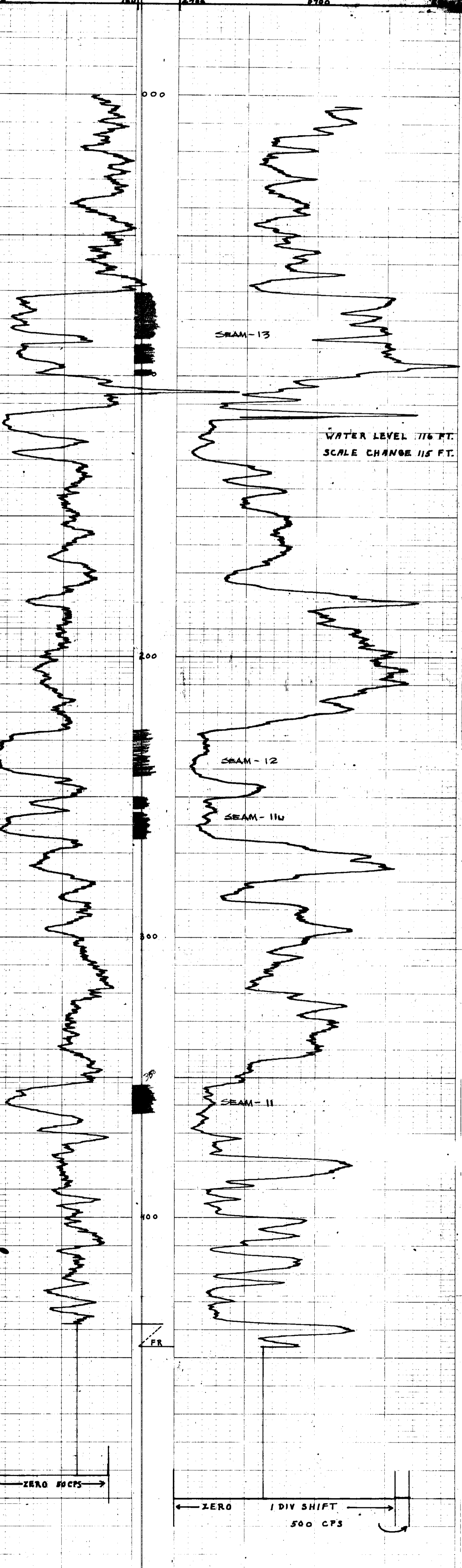
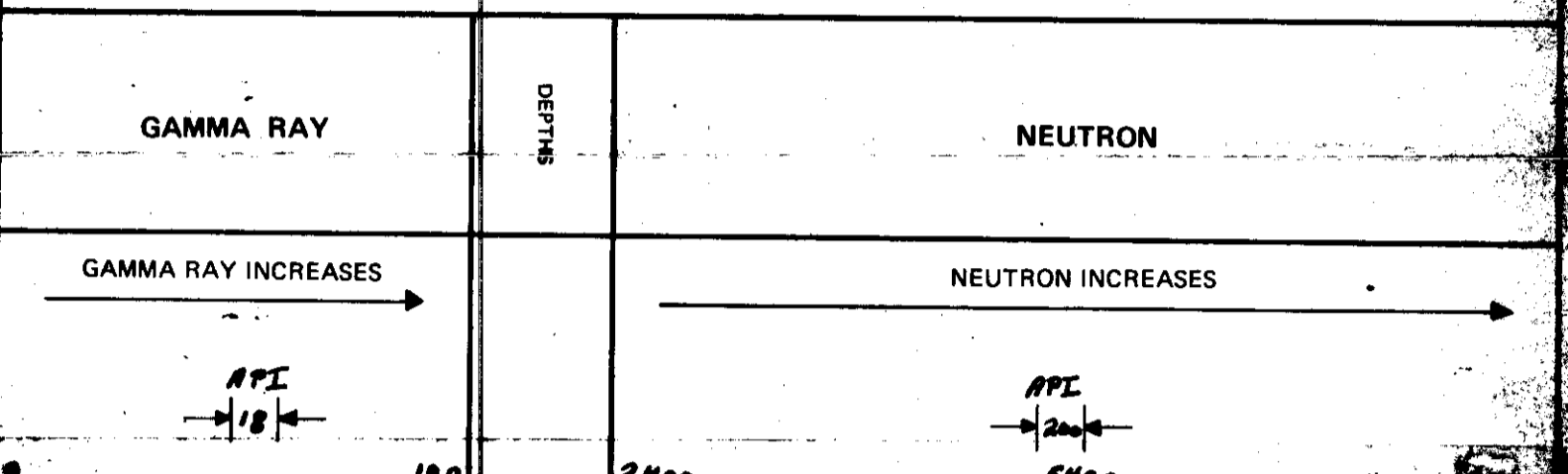
**317**

FILE NO.	COMPANY	WELL	LOCATION	FIELD	PROVINCE
LSD SEC TWP RGE	FORDING COAL LIMITED	RH-362	EAGLE MTN.	FORDING	ALBERTA
W					
Other Services:					
Permanent Datum	GROUND LEVEL	Elev.			
Log Measured from	GROUND LEVEL	Fl. Above Perm. Datum			
Well Depths Measured from	GROUND LEVEL				
Run No.	ONE				
Date	18 OCT 1974				
First Reading	446				
Last Reading	0				
Footage Logged	446				
Depth Reached	447				
Depth Driller					
Casing Role					
Casing Driller					
Fluid Type	BIR/WATER				
Liquid Level	116 FEET				
Min. Diam.	4 3/8				
Rin @ of					
Operating Time	1 1/2 HOURS				
Truck No.	33				

EQUIPMENT DATA			
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO 'N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	528
HOIST TRUCK NO.	33	SPACING	19 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.		STRENGTH	3 CURRIES

LOGGING DATA											
GAMMA RAY						NEUTRON					
RUN NO.	DEPTHS		SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS
	FROM	TO	FT/MIN	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.
1	0	115	12	5	100	0 L	18 API	3	1000	12 L	200
	115	446	12	5	100	0 L	18 API	3	500	1 L	100

REMARKS





# ROKE

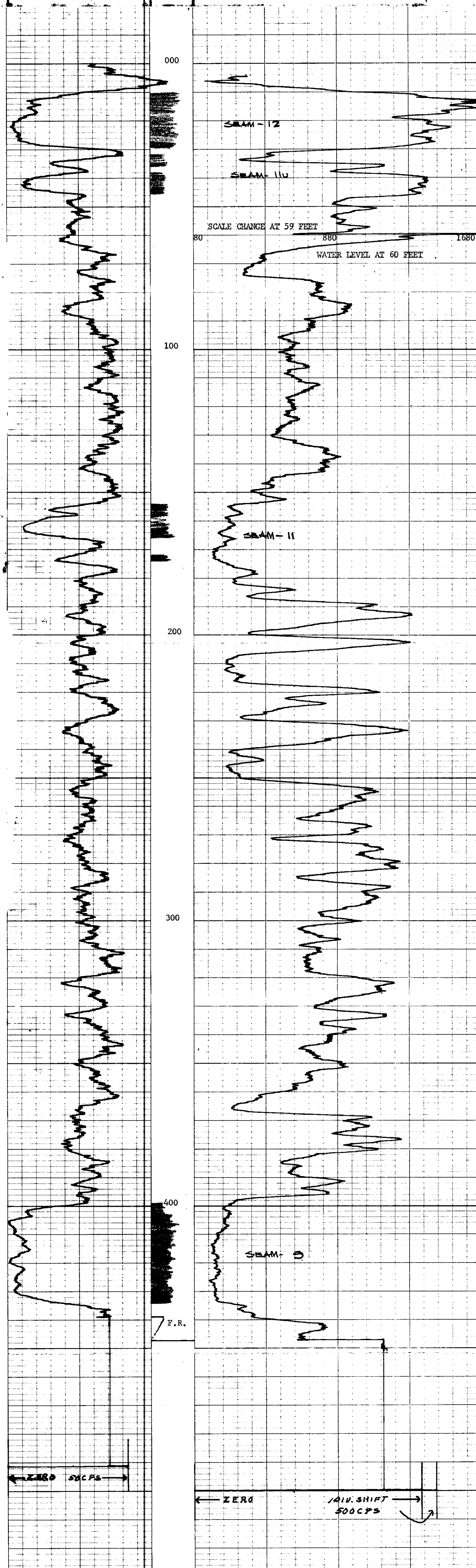
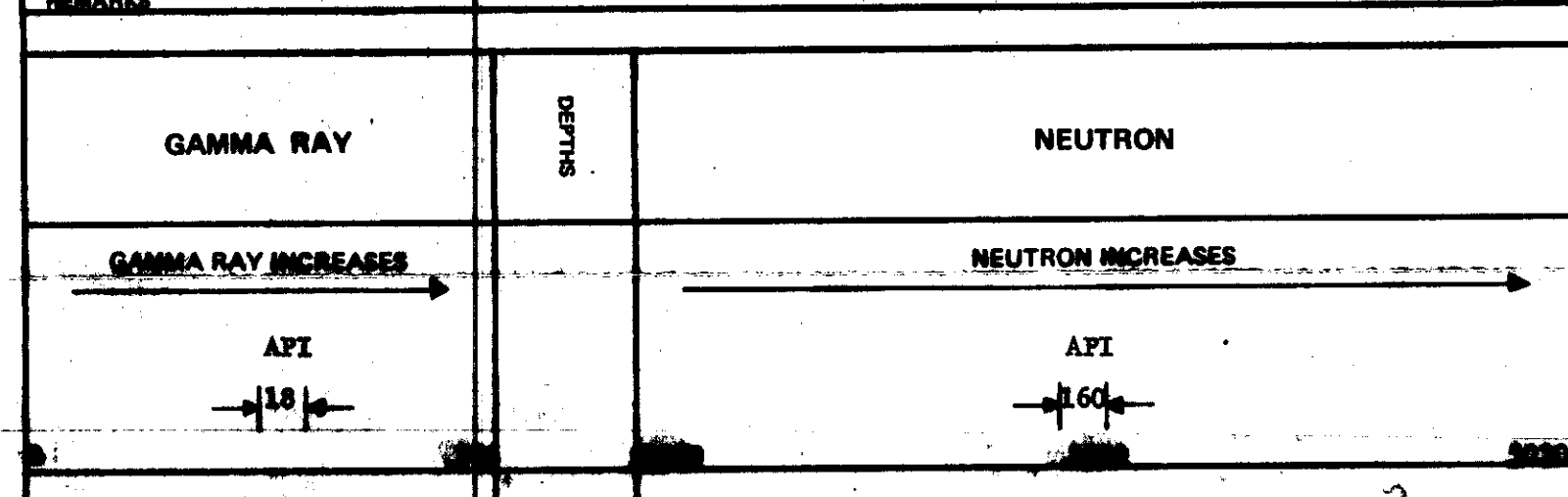
OIL ENTERPRISES LTD. CALGARY, ALBERTA

K - FRODORE 74(3)C

FILE NO.	COMPANY	RODING COAL LIMITED
WELL	W	RR-363
LOCATION	M	EAGLE MOUNTAIN
FIELD		RODING
PROVINCE		BRITISH COLUMBIA
Permanent Datum	GROUND LEVEL	Other Services: NTL
Log Measured from	GROUND LEVEL	
Well Depths Measured from	GROUND LEVEL	
Run No.	ONE	
Date	24 OCTOBER 1974	
First Reading	447	
Last Reading	0	
Feet Logged	447	
Depth Reached	447	
Casing Driller		
Fluid Types	ASH/WATER	
Liquid Level	60	
Mn. Diam.	5-7/8	
Run @	4*	
Operating Time	1-1/2 HOURS	
Truck No.	33	
Recorded By	JOHNSON	Witnessed By
		ZAKSIN

EQUIPMENT DATA			
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 1/8	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 1/8
TYPE	GRIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. BOUNCE	8.95 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	598
HOMEY TRUCK NO.	33	SPACING	17 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CM27044-65	STRENGTH	3 CURTIS

LOGGING DATA											
GENERAL			GAMMA RAY				NEUTRON				
RUN NO.	DEPTH	SPEED	T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.	
1	0	59	12	5	100	OL	18	3	1000	12L	160
	60	447	12	5	100	OL	18	3	500	1L	80



K-Barcode 74(5)C

# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	COMPANY	PROVING COAL LIMITED
LSD SEC TWP RGE	WELL	364
LOC	LOCATION	
M	FIELD	PODING
W	PROVINC	BRITISH COLUMBIA
Permanent Datum	GROUND LEVEL	Elev. _____
Log Measured from	GROUND LEVEL	Fl. Above Perm. Datum _____
1984 Depth Measured from	GROUND LEVEL	G.L. _____
Run No.	ONE	Other Services: NTL
Date	25 OCTOBER 1974	
First Reading	300	
Last Reading	0	
Footage Logged	300	
Depth Reached	302	
Depth Driller	302	
Casing Role		
Casing Driller		
Fluid Type	AIR/WATER	
Liquid Level	323	
Ann. Diam.	4-7/8	
Run @ of		
Operating Time	1 HOUR	
Truck No.	32	
Recorded By	MAORILLAN	Witnessed By
		ZARATE

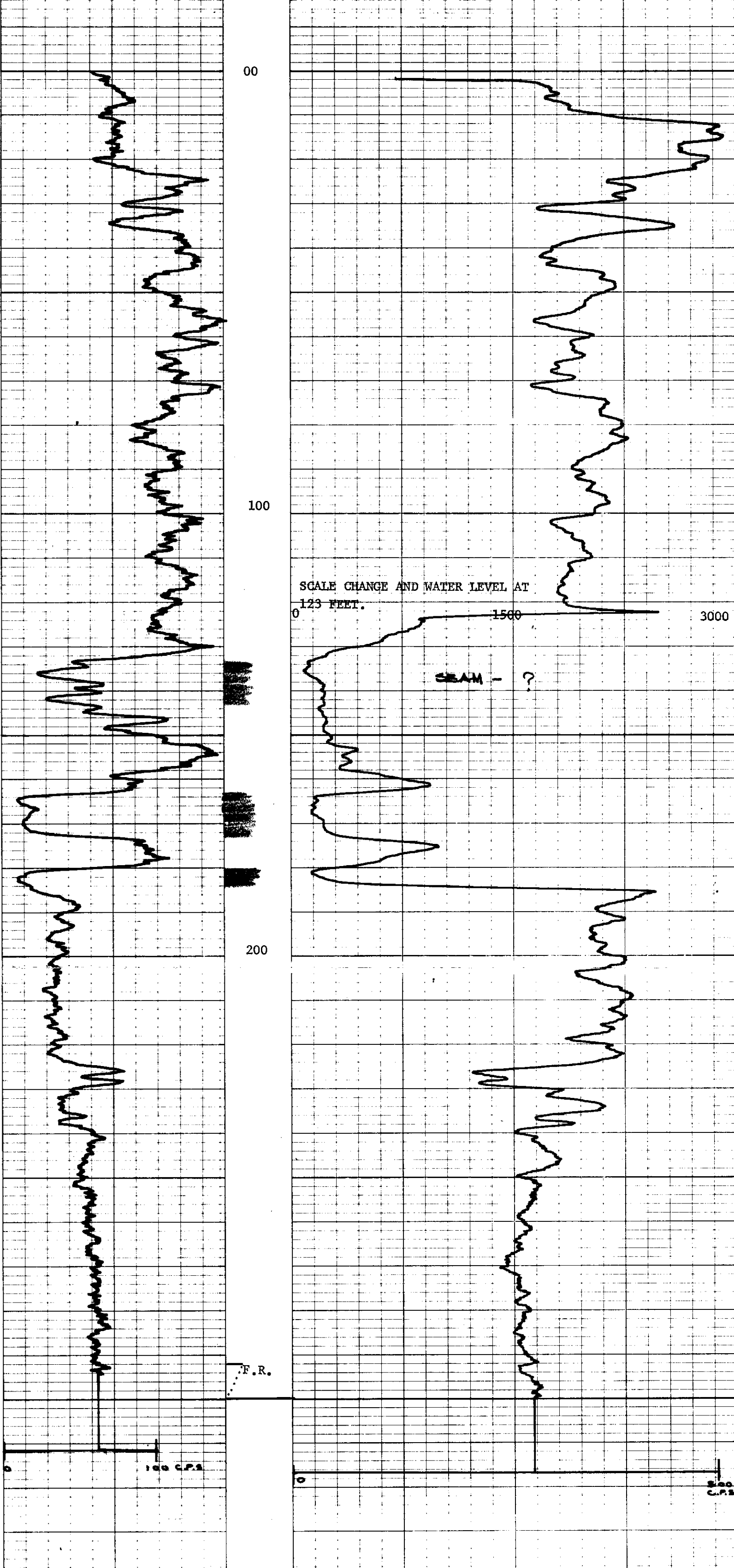
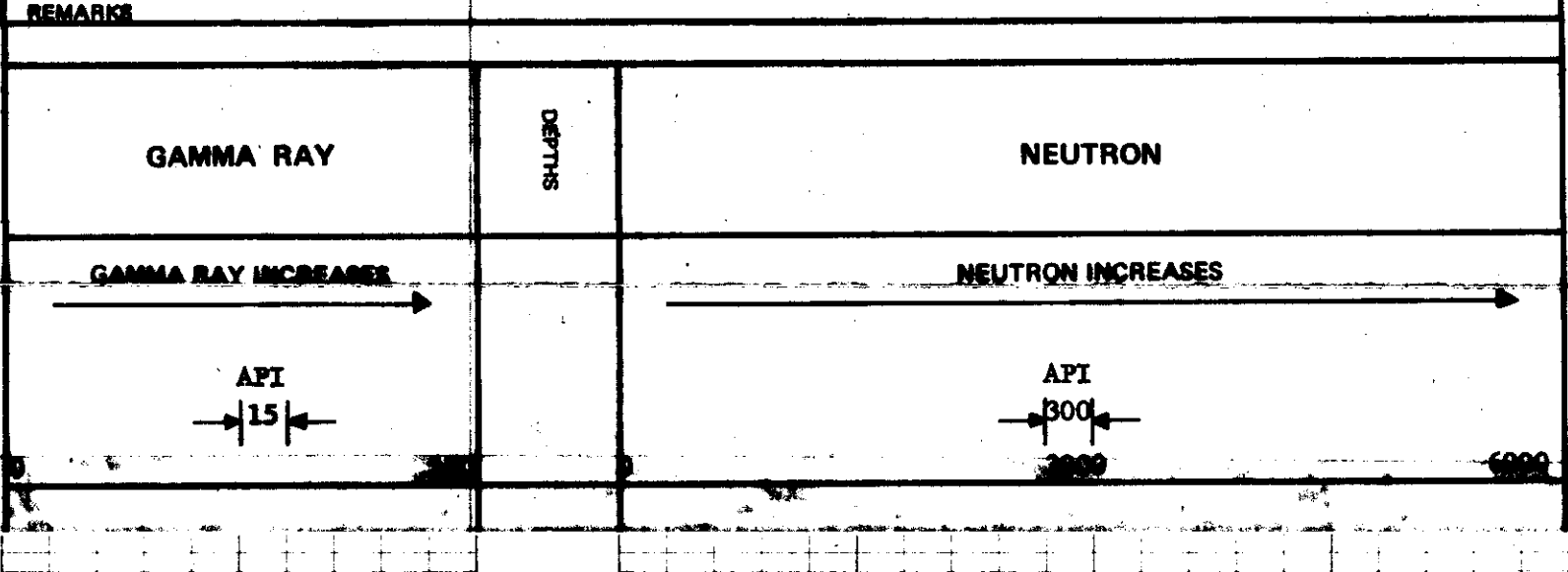
317

## EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 1/4	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 1/4
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	17 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	5 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
		SERIAL NO.	265
HOIST TRUCK NO.	32	SPACING	17 INCH
INSTRUMENT TRUCK NO.	32	TYPE	Amb
TOOL SERIAL NO.	A-355	STRENGTH	3 CURIES

## LOGGING DATA

RUN NO.	GENERAL			GAMMA RAY				NEUTRON			
	DEPTH		SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
	FROM	TO									
1	0	123	12	5	500	OL	15	3	1000	OL	150
	123	300	12	5	500	OL	15	3	1000	OL	300



# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

K-FOOTING 24(3)C

FILE NO. COMPANY FORDING COAL LIMITED

WELL #365

LOCATION

FIELD FORDING

**317**

PROVINCE BRITISH COLUMBIA

Permanent Datum: SEALED LEVEL Elev. \_\_\_\_\_  
 Log Measured from: SEALED LEVEL F. Above Perm. Datum \_\_\_\_\_  
 Well Depth Measured from: GROUND LEVEL G.L. \_\_\_\_\_

Other Services: NIL

Run No. ONE

Date 26 OCTOBER 1974

First Reading 289

Last Reading 0

Feet/Low Logged 289

Depth Reached 291

Depth Driller \_\_\_\_\_

Casing Driller \_\_\_\_\_

Fluid Type WATER/AIR

Liquid Level 147

Mils. Diam. 4-7/8

Run # of \_\_\_\_\_

Operating Time 1 HOUR

Truck No. 32

Recorded By MACHILLAN

Witnessed By TASTIN

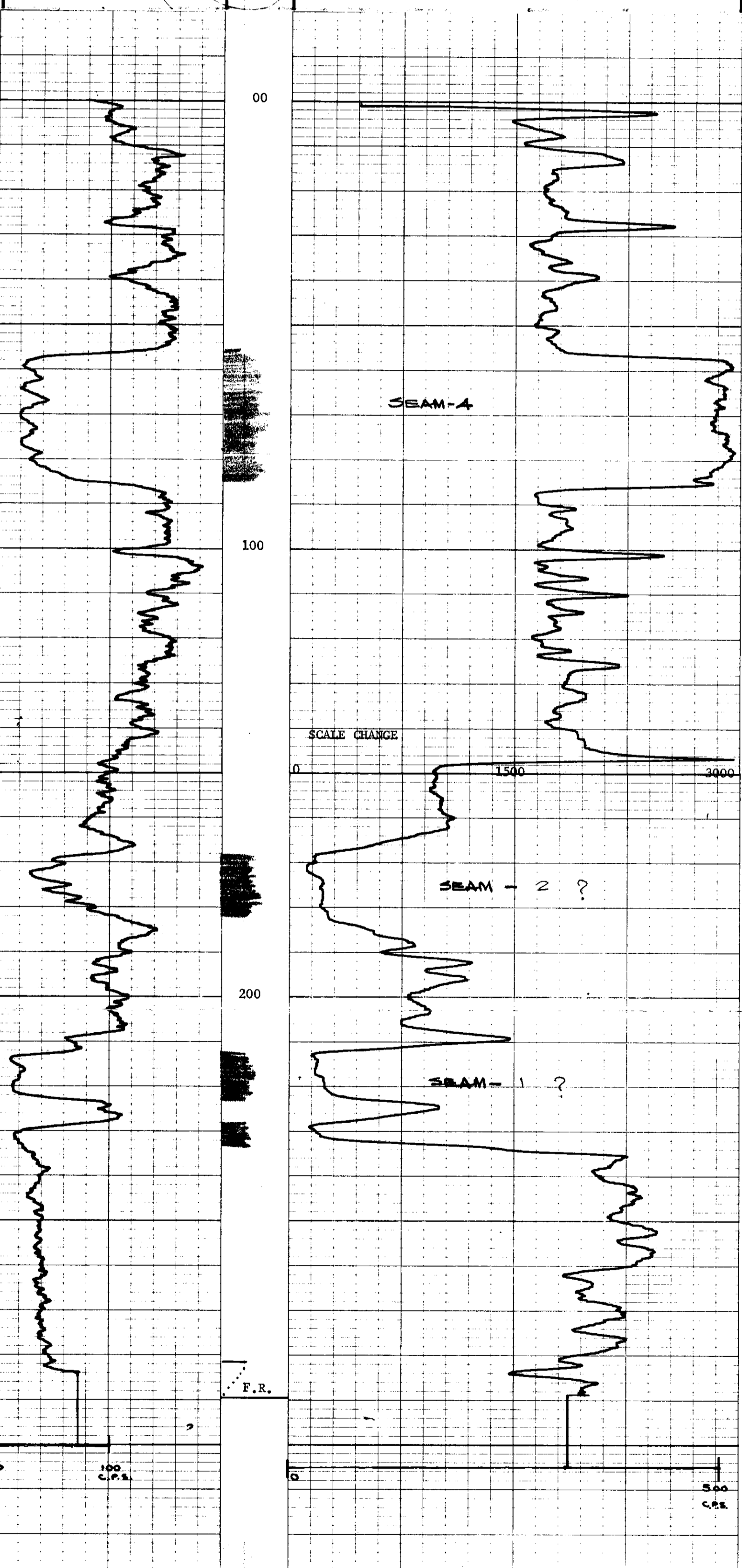
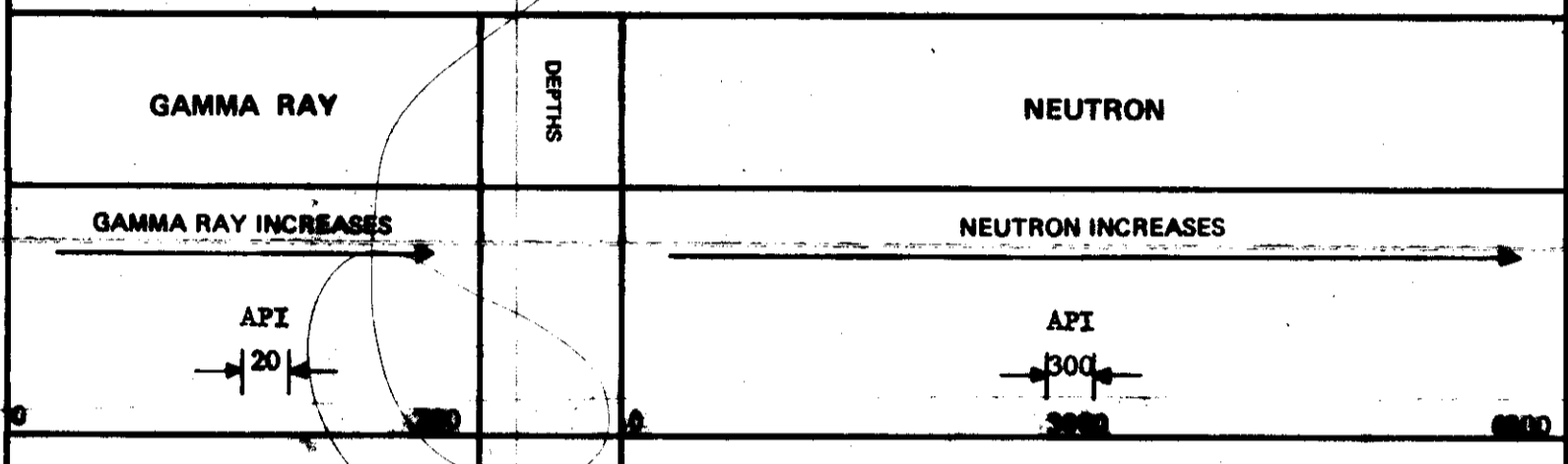
## EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	A-155	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 1/2	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 1/2
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	17 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	5 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
		SERIAL NO.	165
HOIST TRUCK NO.	32	SPACING	17 INCH
INSTRUMENT TRUCK NO.	32	TYPE	AmBe
TOOL SERIAL NO.	A-155	STRENGTH	3 CURIES

## LOGGING DATA

RUN NO.	GENERAL		GAMMA RAY				NEUTRON				
	DEPTH FROM	TO	SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	147	12	5	500	OL	20	3	1000	OL	150
	147	289	12	5	500	OL	20	3	1000	OL	300

REMARKS



# ROKE

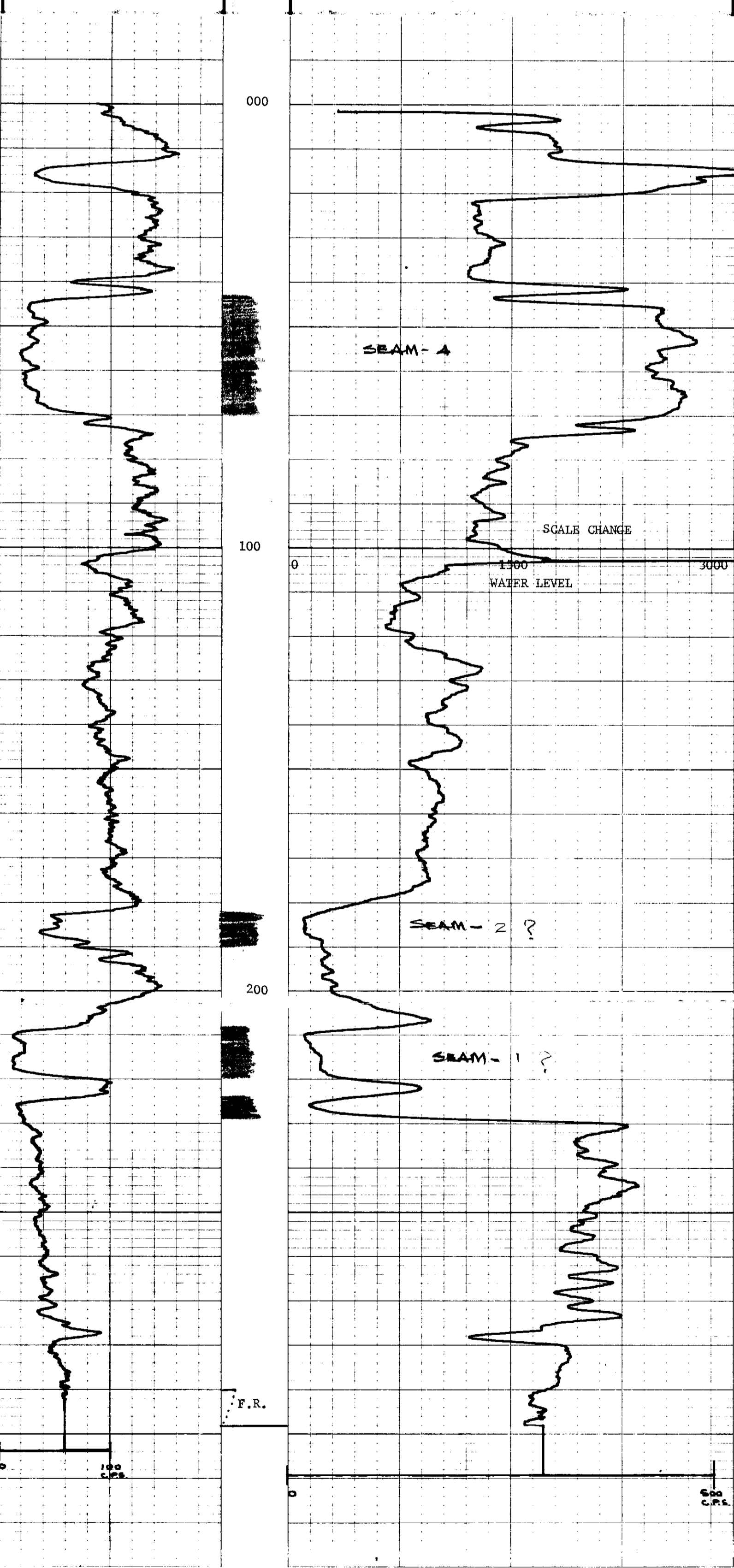
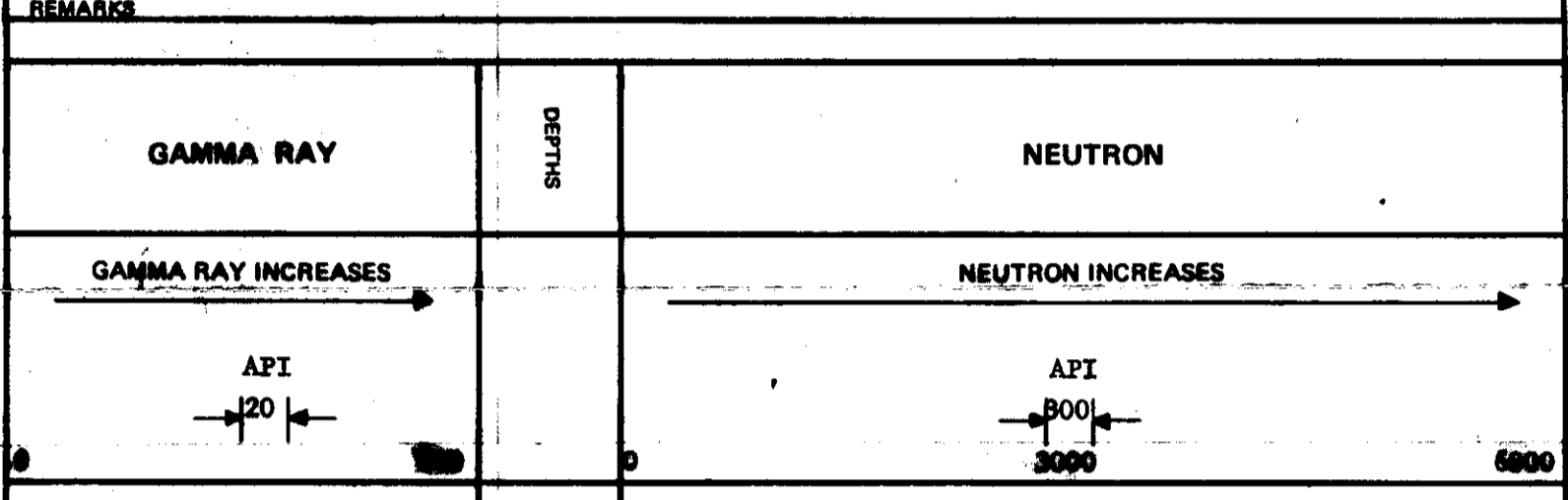
OIL ENTERPRISES LTD. CALGARY, ALBERTA

K. FERDINAND 74(3)C

FILE NO.	COMPANY	WELL	LOCATION	FIELD	PROVINCE	Other Services:
LSD SEC TWP RGE	FORDING COAL LIMITED	366		FORDING	BRITISH COLUMBIA	NIL
M						
Permanent Datum	GROUND LEVEL	Elw.				K.B. _____
Log Measured from	GROUND LEVEL	Ft. Above Perm. Datum				CSG _____
Well Depths Measured from	GROUND LEVEL	G.L.				G.L. _____
Run No.	ONE	Date	25 OCTOBER 1974			
Fire Reading	298					
Last Reading	0					
Forecast Logged	298					
Depth Reached	300					
Depth Driller	300					
Casing Tools						
Casing Driller						
Fluid Type	ATE/PURPOSE					
Liquid Level	193					
Min. Diam.	4-7/8					
Run @ of						
Operating Time	1 HOUR					
Truck No.	32					
Recorded By	MACBILLYAR	Witnessed By	ZAPLIN			

EQUIPMENT DATA			
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 1/4	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 1/4
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	17 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	5 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
		SERIAL NO.	265
		SPACING	17 INCH
HOIST TRUCK NO.	32	TYPE	AmBe
INSTRUMENT TRUCK NO.	32	STRENGTH	3 CURIES
TOOL SERIAL NO.	A-155		

LOGGING DATA											
GENERAL			GAMMA RAY					NEUTRON			
RUN NO.	DEPTH		SPED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
	FROM	TO									
1	0	193	12	5	500	OL	20	3	1000	OL	150
	193	298	12	5	500	OL	20	3	1000	OL	300



# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

K-Formation 24/31

FILE NO. COMPANY FORBING COAL LIMITED

WELL NO. RB-367

LOCATION EAGLE MOUNTAIN

FIELD FORBING

PROVINCE BRITISH COLUMBIA

PERMIT NUMBER GROUND LEVEL

DATE 5 NOVEMBER 1974

RUN NO. ONE

DEPTH 400

LOG TYPE NEUTRON/NEUTRON

TOOL MODEL NO. 1 1/2

DETECTOR MODEL NO. GEIGER

TYPE 18 INCH

DISTANCE TO N. SOURCE 8.56 FT.

RECORDED BY JOHNSON

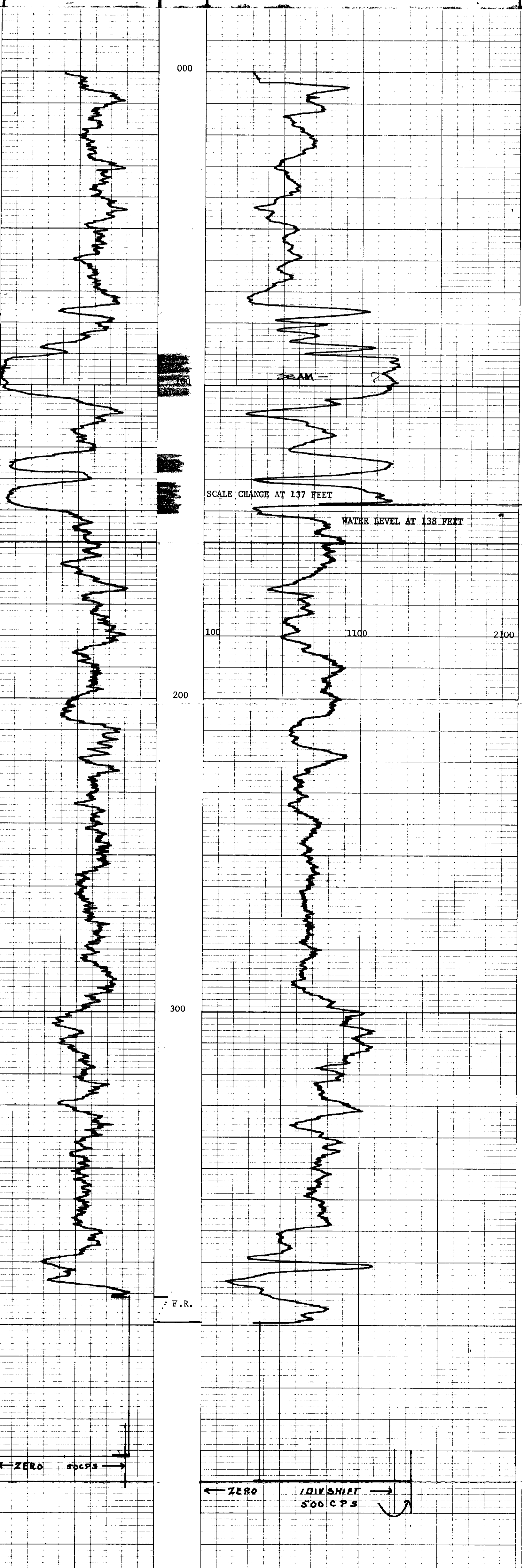
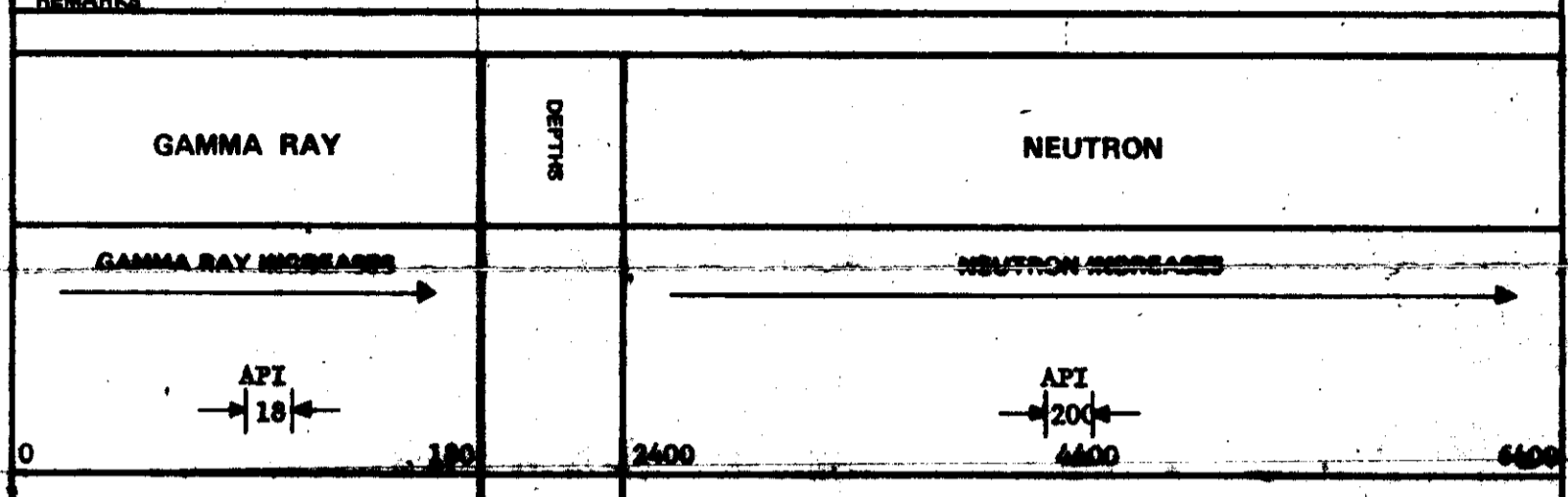
## 317

### EQUIPMENT DATA

GAMMA RAY				NEUTRON			
RUN NO.	ONE	LOG TYPE	NEUTRON/NEUTRON	RUN NO.	ONE	TOOL MODEL NO.	1 1/2
TOOL MODEL NO.	1 1/2	DETECTOR MODEL NO.	GEIGER	TOOL MODEL NO.	1 1/2	DETECTOR MODEL NO.	PROPORTIONAL
DIAMETER	1 1/2	LENGTH	18 INCH	DIAMETER	1 1/2	LENGTH	6 INCH
DETECTOR MODEL NO.	GEIGER	SOURCE MODEL NO.	MRC-N-SS-W	DETECTOR MODEL NO.	PROPORTIONAL	SOURCE MODEL NO.	MRC-N-SS-W
TYPE	18 INCH	SERIAL NO.	598	TYPE	PROPORTIONAL	SERIAL NO.	598
DISTANCE TO N. SOURCE	8.56 FT.	SPACING	17 INCH	LENGTH	6 INCH	SPACING	17 INCH
		TYPE	AmBe	SOURCE MODEL NO.	MRC-N-SS-W	TYPE	AmBe
		STRENGTH	3 CURIES			STRENGTH	3 CURIES

### LOGGING DATA

RUN NO.	GENERAL		GAMMA RAY				NEUTRON				
	DEPTH FROM	DEPTH TO	SPEED FPM	T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API S. R. UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	137	12	5	100	OL	18 API	3	1000	1L	200 API
	138	399	12	5	100	OL	18 API	3	500	1L	100 API



# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

K-FORES 74(3)C

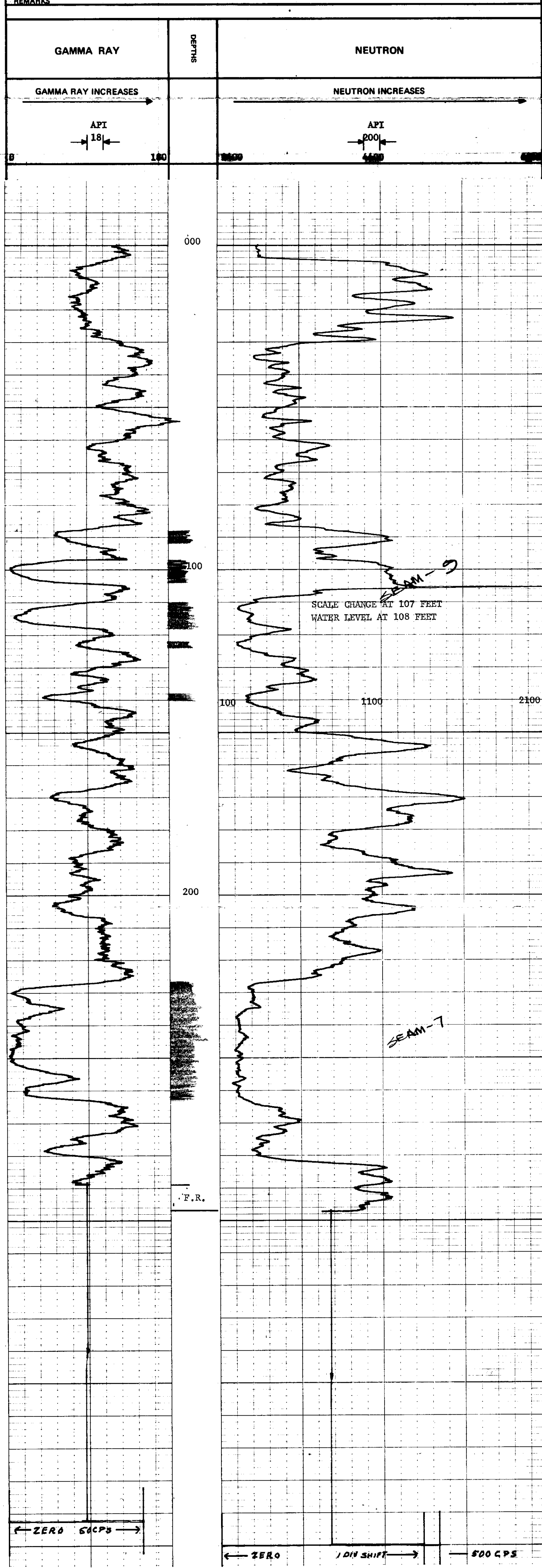
FILE NO.	COMPANY	FORDING COAL LIMITED
LSD SEC	WELL	RH-368
TWP	LOCATION	EAGLE MOUNTAIN
RANGE	FIELD	FORDING
M	PROVINCE	BRITISH COLUMBIA
	PERMANENT DATUM	GROUND LEVEL
	LOG MEASURED FROM	GROUND LEVEL
	WELL DEPTHS MEASURED FROM	GROUND LEVEL
	Other Services:	N/A
	K.B.	
	CSG	
	G.L.	
Run No.	ONE	
Date	5 NOVEMBER 1974	
Exit Reading	297	
Last Reading	0	
Footage Logged	297	
Depth Reached	298	
Depth Driller	300	
Casing Rock		
Casing Driller		
Fluid Type	AIR/WATER	
Liquid Level	108	
Min. Diam.	4-7/8	
Rm @ 9F		
Operating Time	1-1/2 HOURS	
Truck No.	33	
Recorded By	JOHNSON	Witnessed By
		ZAPLIN

### EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 1/2	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 1/2
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-NSS-W
		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	17 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN27U4A-65	STRENGTH	3 CURTES

### LOGGING DATA

GENERAL			GAMMA RAY				NEUTRON				
RUN NO.	DEPTHS		SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
	FROM	TO									
1	0	107	12	5	100	OL	18 APT	3	1000	12L	200 APT
	108	297	12	5	100	OL	18 APT	3	500	1L	100 APT



# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

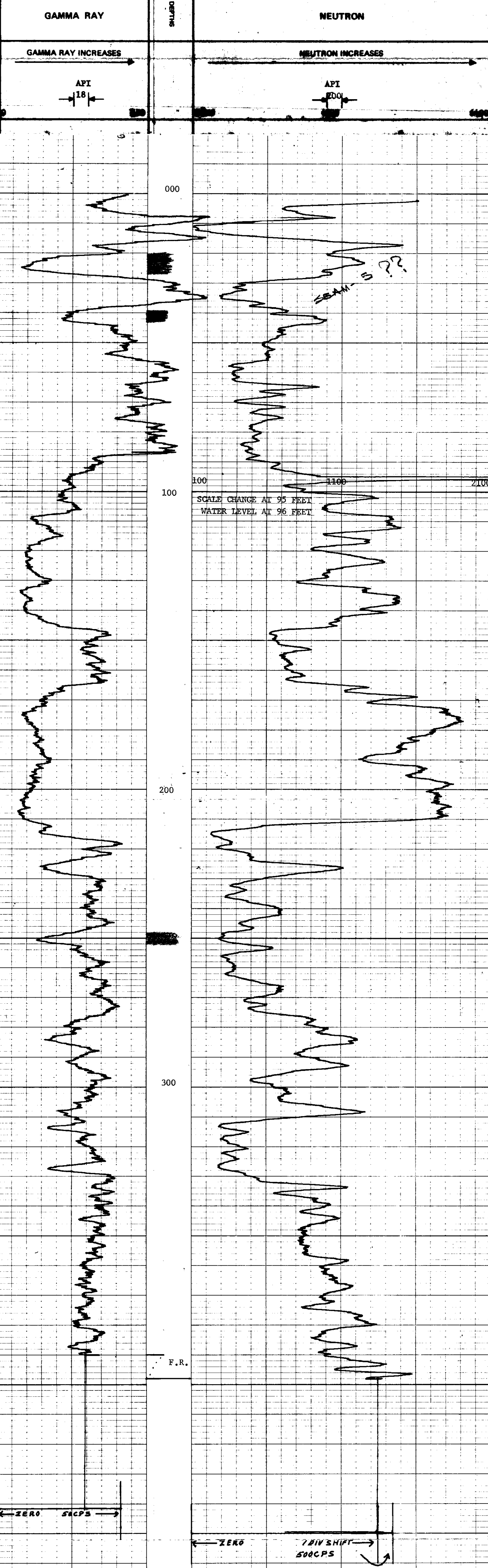
K-Features 7/13/6

FILE NO.	COMPANY	ROKING COAL LIMITED
WELL	RE-369	
LOCATION	EAGLE MOUNTAIN	
FIELD	ROKING	
PROVINCE	BRITISH COLUMBIA	
Permitted Datum	GROUND LEVEL	Elev. _____
Log Measured from	GROUND LEVEL	Ft. Above Perm. Datum _____
Use Depth Measured from	GROUND LEVEL	G.L. _____
Other Services:		NIL
DATE	5 NOVEMBER 1974	
LOG NUMBER	398	
LOG SECTION	1	
FRASURE LOG NO.	398	
DEPTH RECORDED	399	
DEPTH DRILLER	400	
Casing Depth		
Casing Driller	ALT/HAVER	
Fluid Type		
Liquid Level	96	
Mfr. Date	4-7/8	
Rm @ of		
Operating Time	1-1/2 HOURS	
Truck No.	33	
Recorded By	JOHNSON	Witnessed By
	TAYLOR	

EQUIPMENT DATA			
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 1/2	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 1/2
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-58-W
GENERAL		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	17 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	OGN27UAA-65	STRENGTH	3 CURIES

LOGGING DATA											
GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTH		SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS
	FROM	TO	FT/MIN	SEC.	BETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	BETTINGS	DIV. L OR R	PER LOG DIV.
1	0	95	12	5	100	OR	18 APT	3	1000	12L	200 APT
	96	398	12	5	100	OR	18 APT	3	500	11L	100 APT

REMARKS



F.R.





**Hewlett Mountain**  
 24-902 to 24-913  
 Muns : XXXXXXXXXX

K-Forensic 74(3)C

T.D. CALGARY, ALBERTA

FILE NO. COMPANY FORGING COAL LIMITED

WELL RH-902

LOCATION HENRIETTA MOUNTAIN

FIELD FORGING

PROVINCE BRITISH COLUMBIA

Permanent Datum GROUND LEVEL

Log Measured from GROUND LEVEL

Well Depth Measured from

Run No. ONE

Date 18 SEPTEMBER 1974

Last Reading 496

Footage Logged 496

Depth Reached 495

Depth Driller 500

Casing Rate

Fluid Type AIR/WATER

Liquid Level 40

Min. Diam. 4-7/8

Operating Time 1-1/2 HOURS

Truck No. 33

**317**

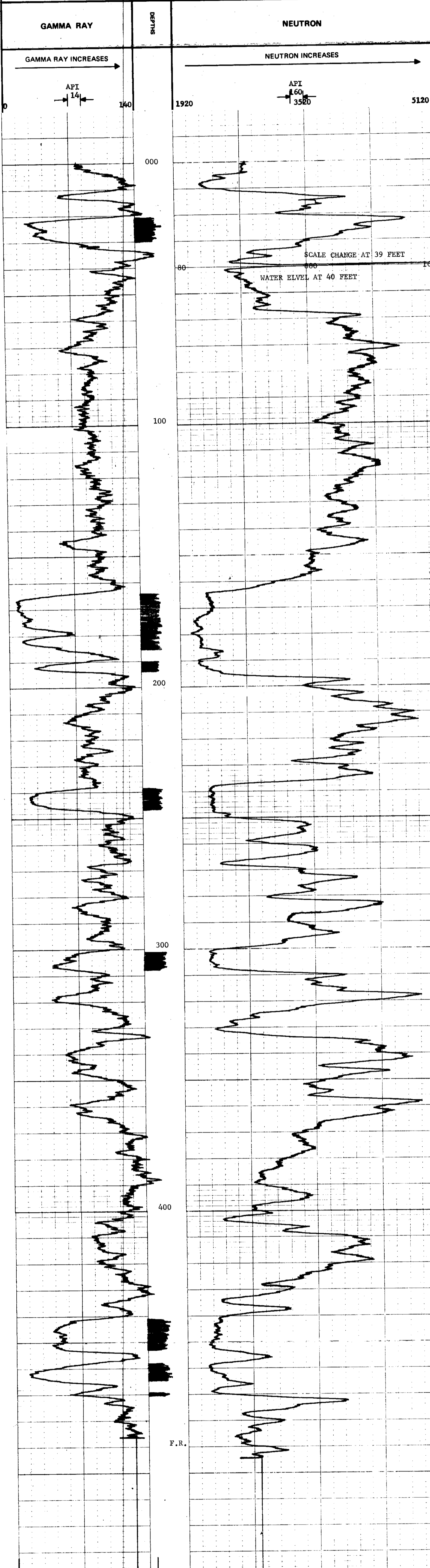
**EQUIPMENT DATA**

GAMMA RAY				NEUTRON			
RUN NO.	ONE			RUN NO.	ONE		
TOOL MODEL NO.				LOG TYPE	NEUTRON/NEUTRON		
DIAMETER	1 1/16			TOOL MODEL NO.			
DETECTOR MODEL NO.	GEIGER			DIAMETER	1 1/16		
TYPE	18 INCH			DETECTOR MODEL NO.	PROPORTIONAL		
LENGTH	8.55 FT.			TYPE	6 INCH		
DISTANCE TO N. SOURCE				LENGTH	MRC-N-SS-W		
GENERAL				SOURCE MODEL NO.	598		
HOIST TRUCK NO.	33			SERIAL NO.	19 INCH		
INSTRUMENT TRUCK NO.	QGN27U4A-65			SPACING	AmBe		
TOOL SERIAL NO.				STRENGTH	3 CURIES		

**LOGGING DATA**

RUN NO.	DEPTHS		SPEED FT/MIN	T.C. SEC.	GAMMA RAY			NEUTRON			
	FROM	TO			ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.	
1	0	39	12	5	100	OL	14 API	3	1000	12L	160 API
	40	494	12	5	100	OL	14 API	3	500	1L	80 API

REMARKS



← ZERO 500 CPS →

← ZERO 1015 CPS 500 CPS →

Recorded By JOHNSON

Witnessed By TAYLOR

# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

K-FORENSIS 74(3)C

FILE NO. \_\_\_\_\_  
 COMPANY FORDING COAL LIMITED  
 WELL RH-903  
 LOCATION HENRIETTA MOUNTAIN  
 FIELD FORDING  
 PROVINCE BRITISH COLUMBIA  
 Other Services: NTL

Log Measured from GROUND LEVEL  
 Well Depth Measured from GROUND LEVEL  
 Permanent Datum GROUND LEVEL  
 Elevation Ft. Above Perm. Datum  
 K.B. \_\_\_\_\_  
 C.S.G. \_\_\_\_\_  
 G.L. \_\_\_\_\_

Run No. ONE  
 Date 18 SEPTEMBER 1974  
 First Reading 500  
 Last Reading 0  
 Footage Logged 500  
 Depth Reached 501  
 Depth Driller \_\_\_\_\_  
 Casing Size \_\_\_\_\_  
 Casing Driller \_\_\_\_\_

Fluid Type AIR/WATER  
 Liquid Level 34  
 Min. Diam. 4-7/8  
 Rm @ of \_\_\_\_\_  
 Operating Time 1-1/2 HOURS  
 Truck No. 33

Recorded By JOHNSON  
 Witnessed By TAPLIN

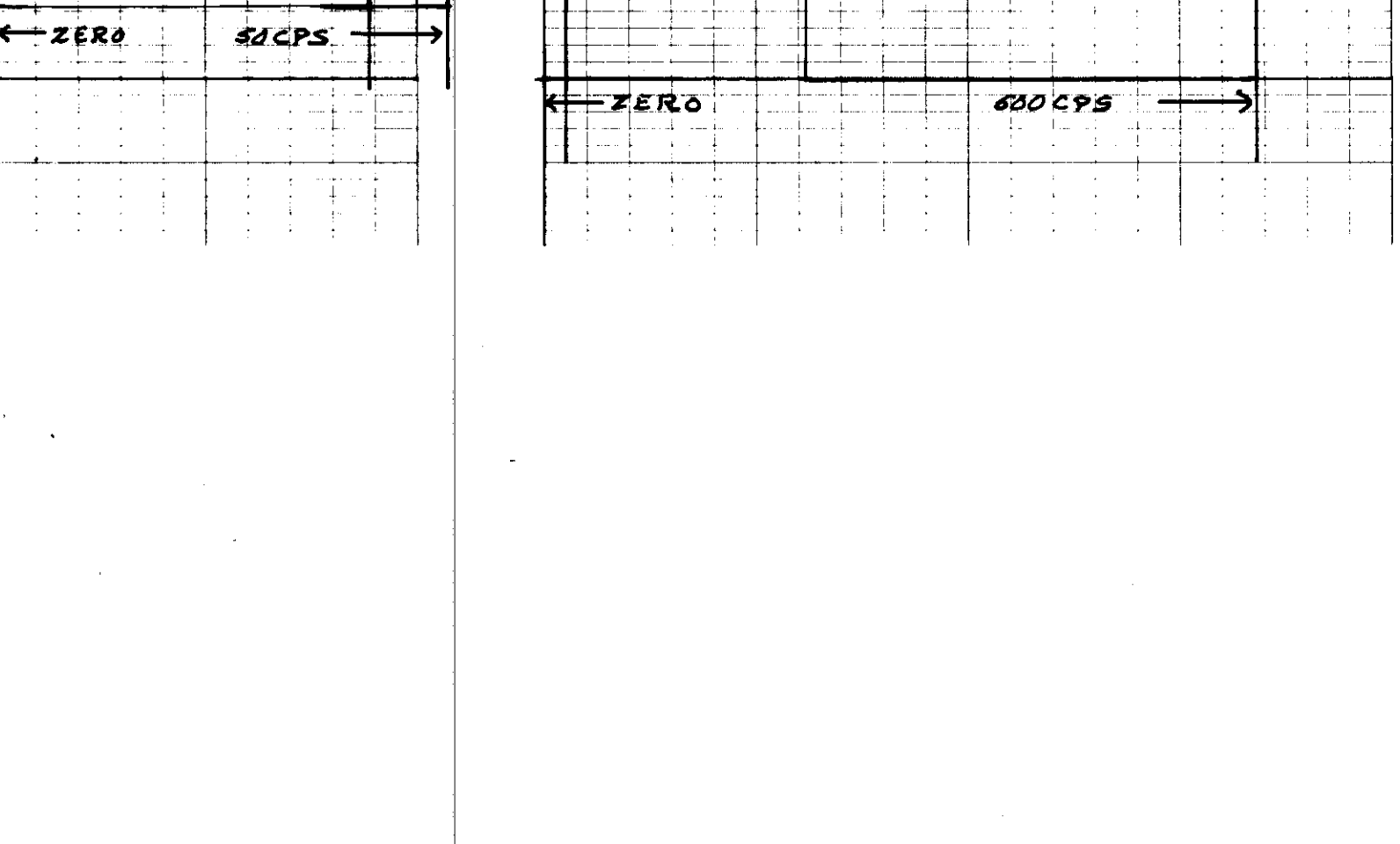
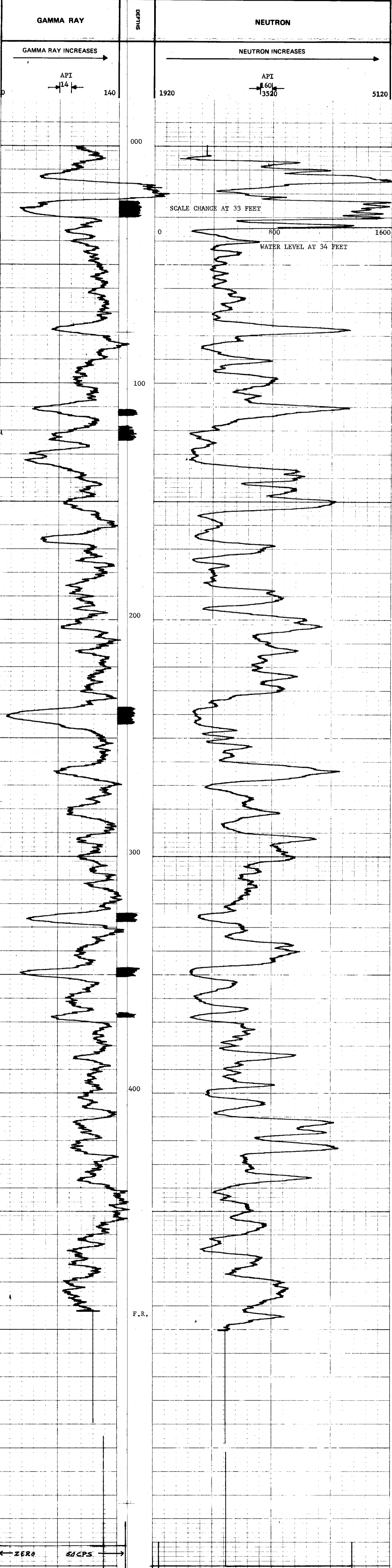
### EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 1/8	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 1/8
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
		SERIAL NO.	598
		SPACING	19 INCH
		TYPE	AmBe
		STRENGTH	3 CURIES

### LOGGING DATA

GENERAL			GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS	SPEED	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0 TO 34	12 FT/MIN	5	100	OL	14 API	3	1000	12L	160 API
	34 TO 500	12	5	100	OL	14 API	3	500	OL	80 API

REMARKS



# ROKE

GAMMA RAY NEUTRON LOG

K. FORENS 7453C

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO. COMPANY FORDING COAL LIMITED

WELL RE-904

LOCATION HERBERTA MOUNTAIN

FIELD FORDING

PROVINCE BRITISH COLUMBIA

Permanent Datum GROUND LEVEL Elevation \_\_\_\_\_

Log Measured from GROUND LEVEL Ft. Above Perm. Datum \_\_\_\_\_

Well Depths Measured from GROUND LEVEL G.L. \_\_\_\_\_

317

Other Services: NIL

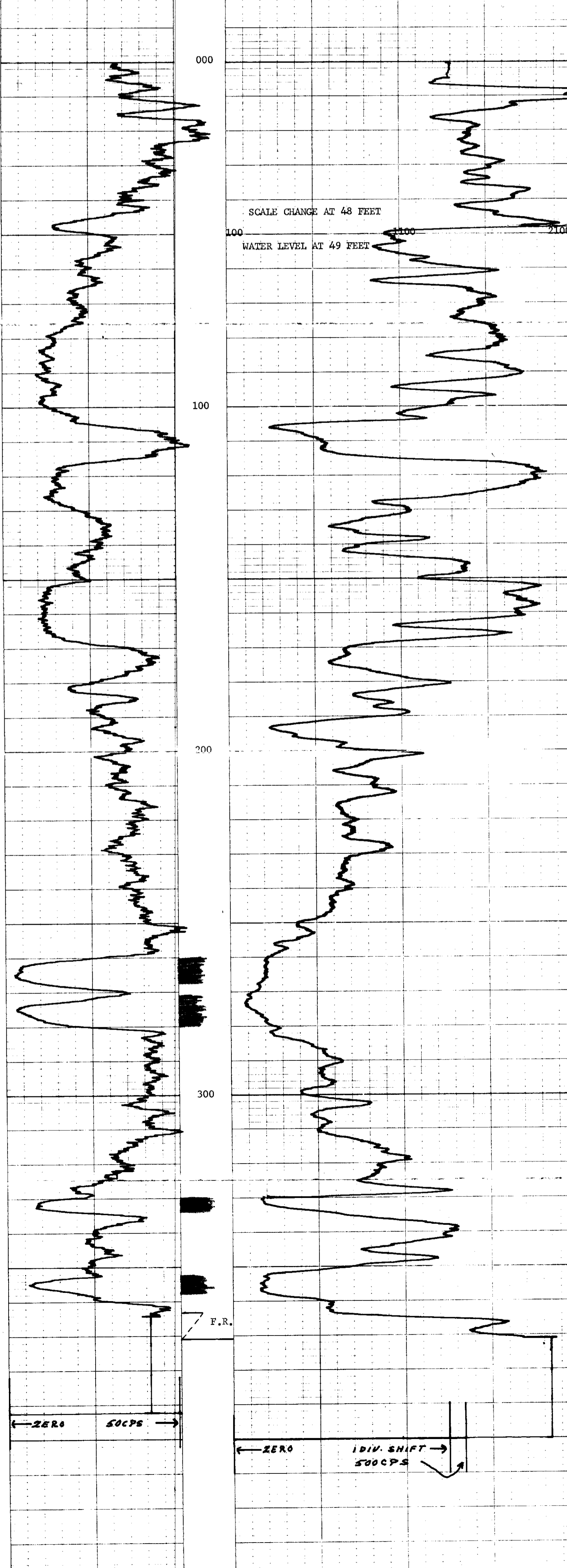
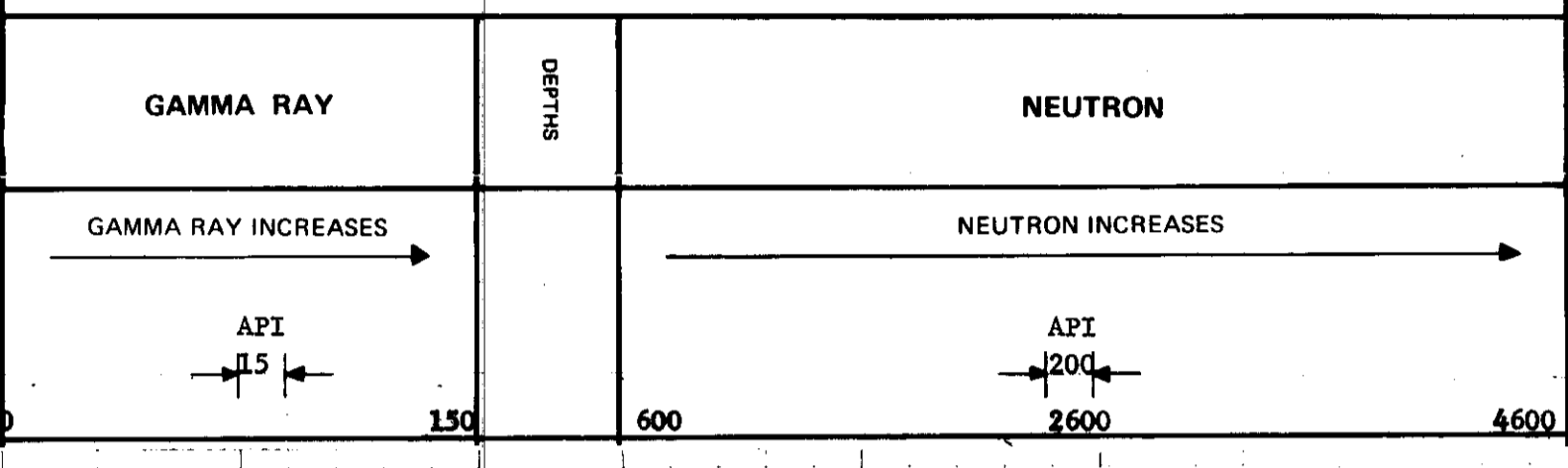
### EQUIPMENT DATA

GAMMA RAY				NEUTRON			
RUN NO.	ONE	RUN NO.	ONE				
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON				
DIAMETER	1 11/16	TOOL MODEL NO.					
DETECTOR MODEL NO.		DIAMETER	1 11/16				
TYPE	GEIGER	DETECTOR MODEL NO.					
LENGTH	18 INCH	TYPE	PROPORTIONAL				
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH				
		SOURCE MODEL NO.	MRC-N-SS-W				
GENERAL							
SERIAL NO.		SERIAL NO.	598				
HOIST TRUCK NO.	33	SPACING	17 INCH				
INSTRUMENT TRUCK NO.		TYPE	AmBe				
TOOL SERIAL NO.	CGN27U4A-65	STRENGTH	3 CURIES				

### LOGGING DATA

RUN NO.	GENERAL			GAMMA RAY				NEUTRON			
	DEPTHS	SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS	
1	0 TO 48	12	5	100	OL	15 API	3	1000	3L	200 API	
	48 TO 371	12	5	100	OL	15 API	3	500	1L	100 API	

REMARKS



Recorded By JOHNSON Witnessed By TADJIN

# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

K-FOREVIEW 7413c

## 317

FILE NO.	COMPANY	FORGING COAL LIMITED
LSD	WELL	RE-905
SIC	LOCATION	HENERETTA MOUNTAIN
TWP	RGE	M
FIELD	FORGING	
PROVINCE	BRITISH COLUMBIA	
PERMITS	GROUND LEVEL	FL. ABOVE Perm. Datum
Log Measured from	GROUND LEVEL	FL. ABOVE Perm. Datum
Well Depth Measured from	GROUND LEVEL	FL. ABOVE Perm. Datum
Other Services:	NIL	
Run No.	ONE	
Date	27 SEPTEMBER 1974	
Event	455	
Event Duration	0	
Event Legend	455	
Event Readout	456	
Event Date		
Event Time		
Event Type	AIR/WATER	
Event Level	200	
Event Diam.	4-7/8	
Event @		
Operating Time	1 1/2 HOURS	
Truck No.	33	

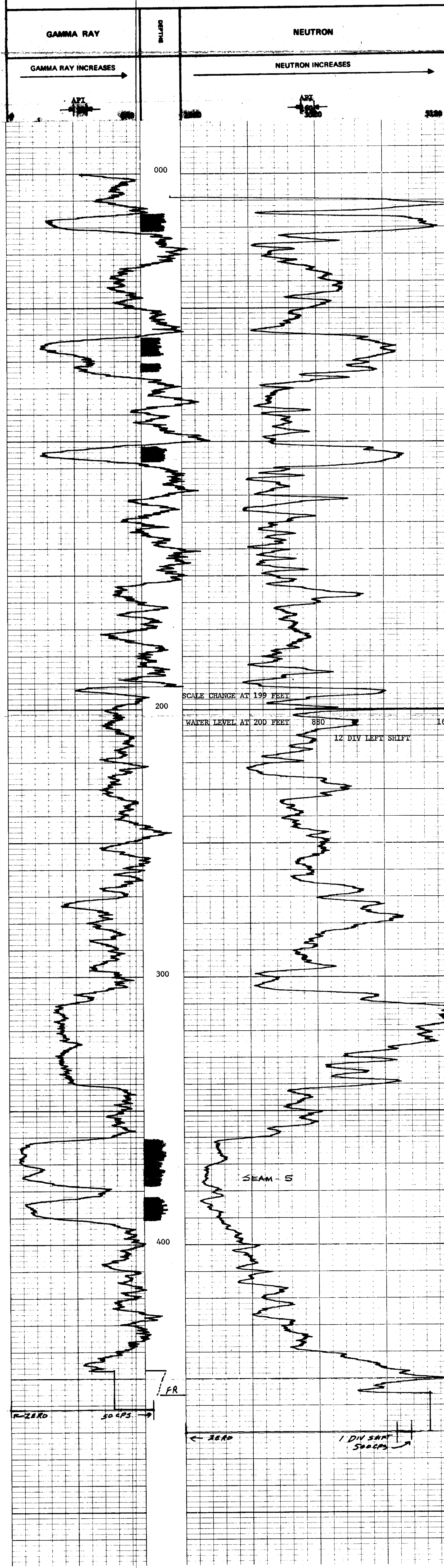
### EQUIPMENT DATA

GAMMA RAY				NEUTRON			
RUN NO.	ONE	RUN NO.	ONE	NEUTRON/NEUTRON			
TOOL MODEL NO.		LOG TYPE					
DIAMETER	1 1/2	TOOL MODEL NO.		1 1/2			
DETECTOR MODEL NO.		DETECTOR MODEL NO.		PROPORTIONAL			
TYPE	GEIGER	TYPE		6 INCH			
LENGTH	18 INCH	LENGTH		MRC-N-SS-W			
DISTANCE TO N. SOURCE	8.55 FT.	SOURCE MODEL NO.		598			
		SERIAL NO.		17 INCH			
		SPACING		AmBe			
		TYPE		3 CURIES			
		STRENGTH					
GENERAL							
HOIST TRUCK NO.	33						
INSTRUMENT TRUCK NO.							
TOOL SERIAL NO.	CGS27U4A-65						

### LOGGING DATA

RUN NO.	DEPTH		GAMMA RAY			NEUTRON		
	FROM	TO	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R
1	0	199	12	5 100	OL	3	1000	12L
	199	455	12	5 100	OL	3	500	1L

REMARKS



# ROKE

GAMMA RAY NEUTRON LOG

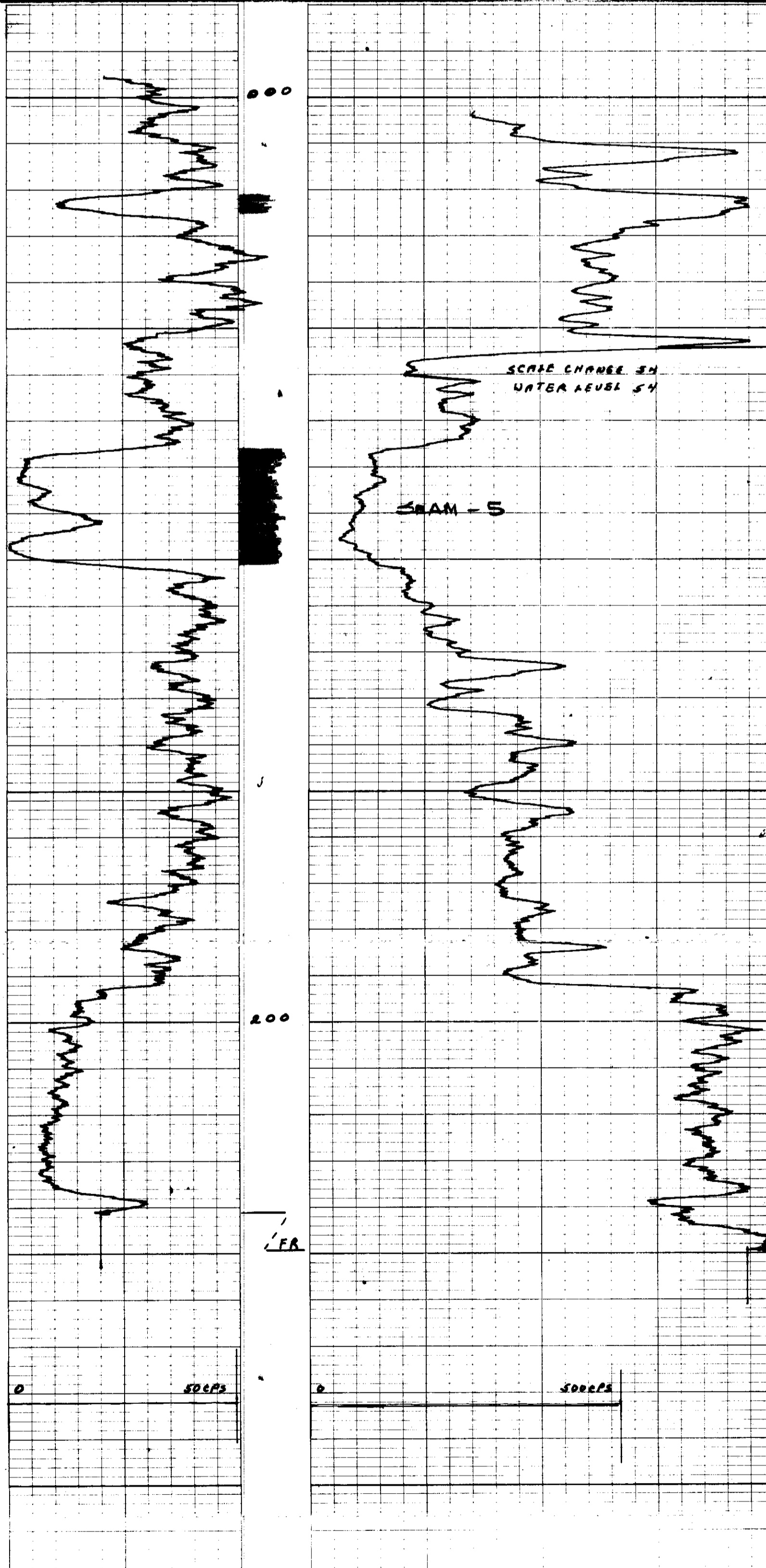
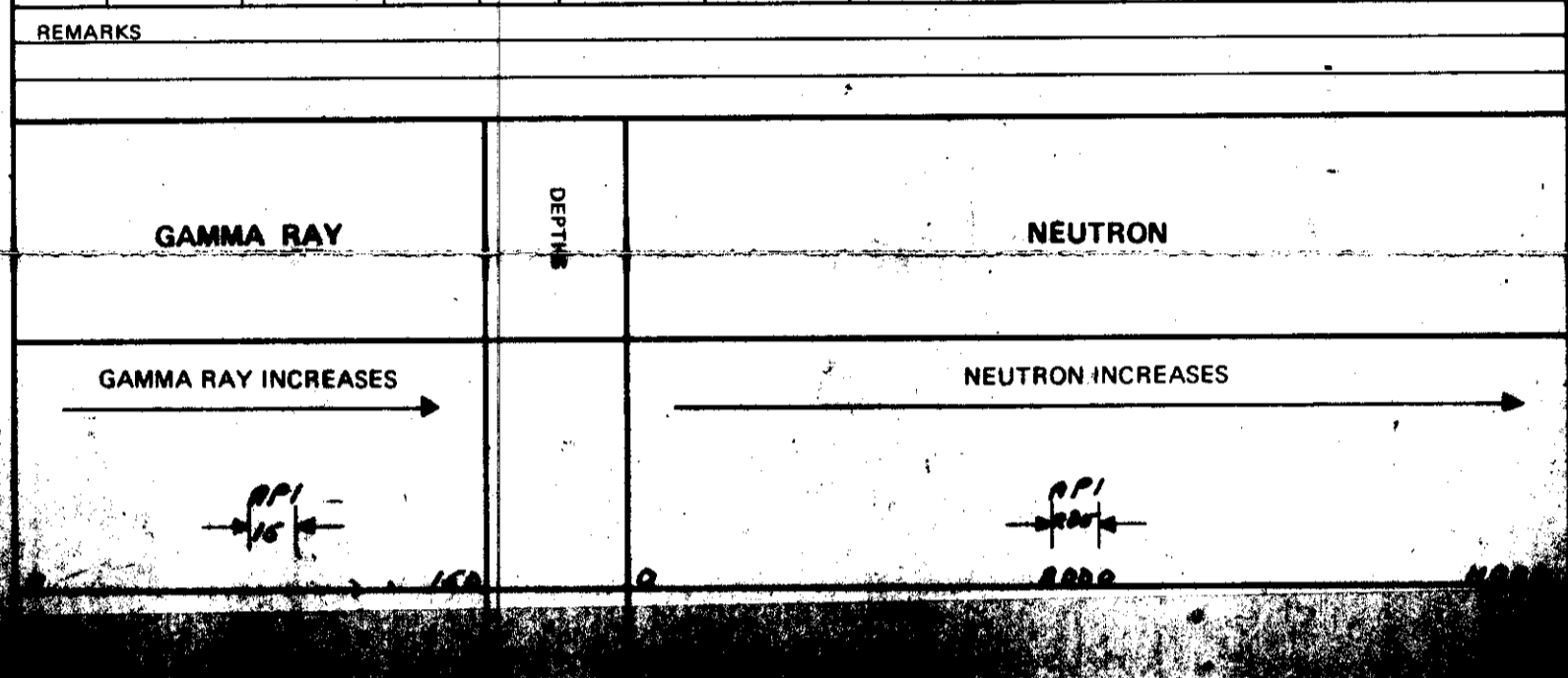
OIL ENTERPRISES LTD. CALGARY, ALBERTA

K-FREEMAN 74151c

FILE NO.	COMPANY	FORBING COAL LTD
LSD	WELL	RH 901
SEC	TWP	
RGE	LOCATION	HEBERTA
W	FIELD	FORBING
M	PROVINCE	BRITISH COLUMBIA
Permanent Datum	Permanent Datum	6000 FEET
Log Measured from	Elev.	6000 FEET
Well Depths Measured from	Ft. Above Perm. Datum	
Run No.	ONE	
Date	4 OCT 74	
First Reading	449	
Last Reading	0	
Footage Logged	219	
Depth Reached	256	
Depth Driller	253	
Casing Rate		
Casing Driller		
Fluid Type	WATER	
Liquid Level	54	
Min. Diam	4 7/8 IN	
Rm @ 0f		
Operating Time	1 1/2	
Truck No.	22	
Recorded By	SIM	Witnessed By
	TOPLIN	

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
D. AMETER	1 11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	598
HOIST TRUCK NO.	22	SPACING	19 IN
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	00227074-65	STRENGTH	6.94 x 10 <sup>6</sup>

GENERAL		GAMMA RAY				NEUTRON				
RUN NO.	DEPTHS	SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS
	FROM TO	FT/MIN	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.
1	0 54	12	5	50	0	15 API	3	1000	0	200 API
	54 249	12	5	50	0	15 API	3	500	0	100 API



# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

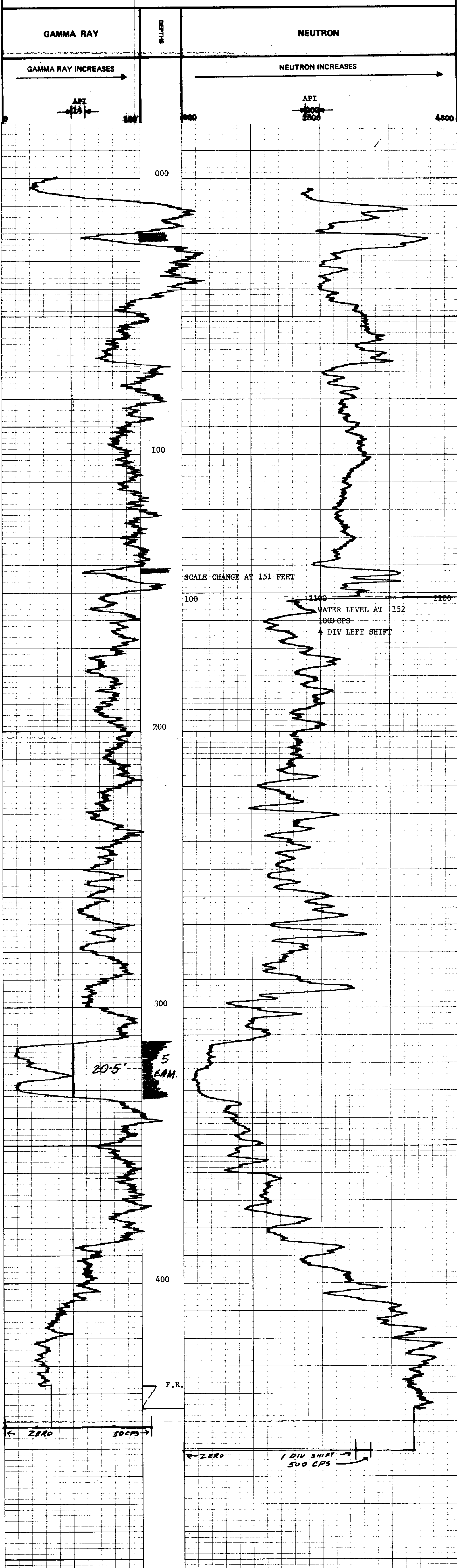
K-FORMING 7/13/74

FILE NO.	COMPANY	RODING COAL LIMITED
LSD SEC	WELL	RR-907
TWP RGE	LOCATION	HEBERTIA
W	FIELD	RODING
<b>317</b>		
PROVINCE BRITISH COLUMBIA		
Permanent Datum	GROUND LEVEL	Elev. _____
Log Measured from	GROUND LEVEL	Ft. Above Perm. Datum _____
Well Depth Measured from	GROUND LEVEL	G.L. _____
Other Services:	NTL	
Run No.	ONE	
Date	27 SEPTEMBER 1974	
First Reading	445	
Last Reading	0	
Footage Logged	445	
Depth Reached	446	
Depth Driller		
Casing Rate		
Casing Driller		
Fluid Type	API/WATER	
Liquid Level	152	
Mn. Diam.	4-7/8	
Rm. of P.		
Operating Time	1-1/2 HOURS	
Truck No.	33	

EQUIPMENT DATA			
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 1/4	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 1/4
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	598
HOIST TRUCK NO.	33	SPACING	17 INCH
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	CGN2704A-65	STRENGTH	3 CURIES

LOGGING DATA											
GENERAL			GAMMA RAY				NEUTRON				
RUN NO.	DEPTHS		SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS
	FROM	TO	FT/MIN	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.
1	0	151	12	5	100	OL	14 API	3	1000	4L	200 API
	151	445	12	5	100	OL	14 API	3	1500	1L	100 API

REMARKS



K-FOREST 7151C

# ROKE

GAMMA RAY NEUTRON LOG

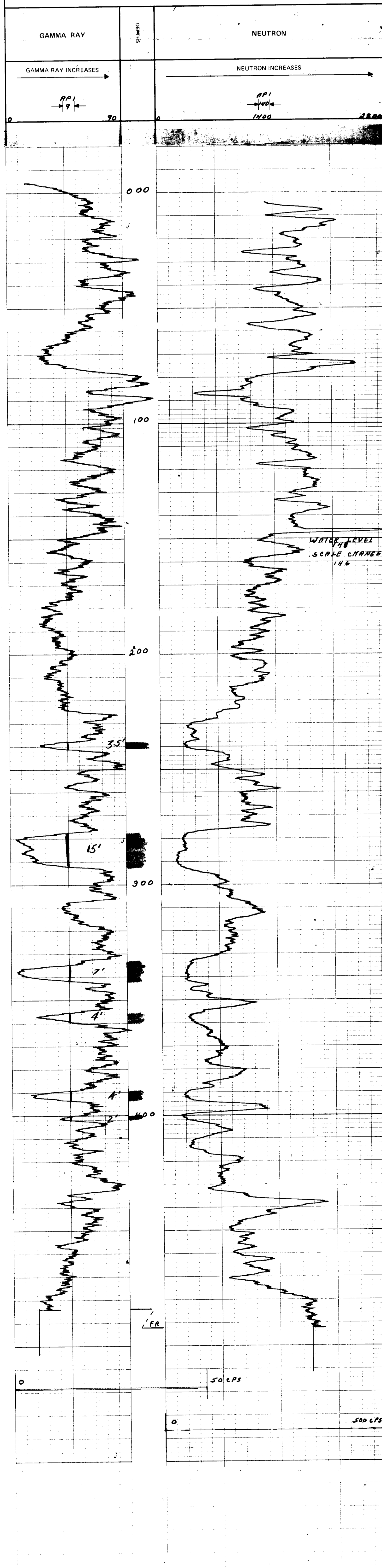
OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	COMPANY <b>FORDING CORP LTD</b>
LSD	WELL <b>RH 908</b>
SEC	LOCATION <b>HERNETTA</b>
TWP	RANGE <b>M</b>
RCE	FIELD <b>FORDING</b>
Other Services:	
Province <b>BRITISH COLUMBIA</b>	
Permit No. <b>46600 LEVEL</b>	Elev. _____
Level Measured from <b>GROUND LEVEL</b>	Ft. Above Perm. Datum _____
Well Depths Measured from _____	K. B. _____
	CSG _____
	G.L. _____
Run No. <b>ONE</b>	Date <b>4 OCT 74</b>
First Reading <b>0</b>	Last Reading <b>492</b>
Footage Logged <b>492</b>	Depth Reached <b>492</b>
Depth Driller <b>498</b>	
Casing Roke _____	
Casing Driller _____	
Fluid Type <b>WATER</b>	
Liquid Level <b>148</b>	
Min. Dam <b>4 7/8 IN</b>	
Rm @ OF _____	
Operating Time <b>4 HRS</b>	
Truck No. <b>33</b>	

EQUIPMENT DATA			
GAMMA RAY		NEUTRON	
RUN NO.	<b>ONE</b>	RUN NO.	<b>ONE</b>
TOOL MODEL NO.		LOG TYPE	<b>NEUTRON/NEUTRON</b>
D. AMETER	<b>1 11/16</b>	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	<b>1 11/16</b>
TYPE	<b>GEIGER</b>	DETECTOR MODEL NO.	
LENGTH	<b>18 INCH</b>	TYPE	<b>PROPORTIONAL</b>
DISTANCE TO N. SOURCE	<b>8.55 FT.</b>	LENGTH	<b>6 INCH</b>
		SOURCE MODEL NO.	<b>MRC-N-SS-W</b>
GENERAL			
SERIAL NO.	<b>598</b>		
HOIST TRUCK NO.	<b>33</b>		
INSTRUMENT TRUCK NO.	<b>19 IN</b>		
TOOL SERIAL NO.	<b>CON2708-65</b>		
TYPE	<b>AmBe</b>		
STRENGTH	<b>6.94 x 10<sup>6</sup></b>		

LOGGING DATA											
GENERAL			GAMMA RAY				NEUTRON				
RUN NO.	DEPTHS		SPEED FT/MIN	T.C. SEC	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T.C. SEC	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
	FROM	TO									
1	0	146	12	5	50	0	9 API	3	1000	0	148 API
	148	492	12	5	50	0	9 API	3	500	0	70 API

REMARKS **LOGGED THROUGH DOUBLE WALL PIPE**



Recorded By **SLT** Witnessed By **TOPPIN**

# ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD., CALGARY, ALBERTA

K-FOSTER 74(2)C

FILE NO. COMPANY **FORBING COAL LTD**  
 WELL **RH 909**  
 TWP **313**  
 RGE **HEBERTA**  
 M **FORBING**  
 FIELD **FORBING**

PROVINCE **BRITISH COLUMBIA**  
 PERMANENT DATUM **ARROW LEVEL** Elev. \_\_\_\_\_  
 LOG MEASURED FROM **ARROW LEVEL** Ft. Above Perm. Datum  
 W. DATUMS MEASURED FROM **LEVEL** G.L. \_\_\_\_\_

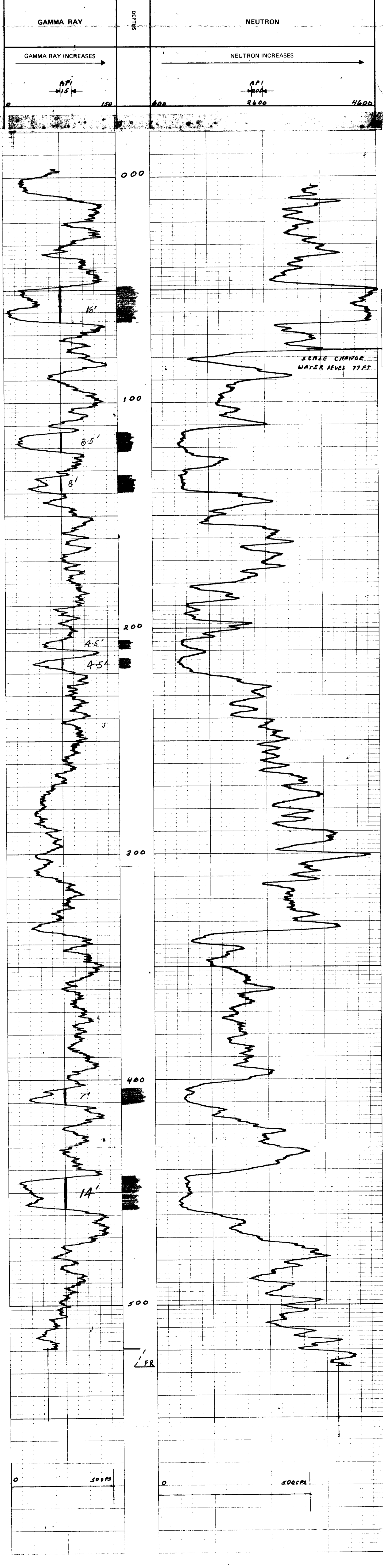
RUN NO. **ONE**  
 DATE **4 OCT 74**  
 FIRST READING **0**  
 LAST READING **527**  
 FOOTAGE LOGGED **527**  
 DEPTH REACHED **528**  
 DEPTH DRILLER **528**  
 CASING ROPE \_\_\_\_\_  
 CASING DRILLER \_\_\_\_\_  
 FLUID TYPE **WATER**  
 FLUID LEVEL **77**  
 MIN. DIAM. **4 7/8 IN**  
 Rm @ 9' \_\_\_\_\_  
 OPERATING TIME **2:15**  
 TRUCK NO. **33**

RECORDED BY **SIM** WITNESSED BY **TAPLER**

EQUIPMENT DATA		GAMMA RAY		NEUTRON	
RUN NO.	<b>ONE</b>	RUN NO.	<b>ONE</b>	LOG TYPE	<b>NEUTRON/NEUTRON</b>
TOOL MODEL NO.		TOOL MODEL NO.		DIAMETER	<b>1 1/8</b>
DIAMETER	<b>1 1/8</b>	DETECTOR MODEL NO.		TYPE	<b>PROPORTIONAL</b>
DETECTOR MODEL NO.	<b>GEIGER</b>	LENGTH	<b>18 INCH</b>	LENGTH	<b>6 INCH</b>
TYPE	<b>GEIGER</b>	SOURCE MODEL NO.		SOURCE MODEL NO.	<b>MRC-N-SS-W</b>
LENGTH	<b>18 INCH</b>	SERIAL NO.		SERIAL NO.	<b>548</b>
DISTANCE TO N. SOURCE	<b>8.55 FT.</b>	SPACING		SPACING	<b>19 IN</b>
GENERAL			GENERAL		
HOIST TRUCK NO.	<b>33</b>	TYPE		TYPE	<b>AmBe</b>
INSTRUMENT TRUCK NO.		STRENGTH		STRENGTH	<b>6.94 X 10<sup>6</sup></b>
TOOL SERIAL NO.	<b>CAN274A-65</b>				

LOGGING DATA		GAMMA RAY				NEUTRON					
RUN NO.	DEPTHS		SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
	FROM	TO									
1	0	77	18	5	50	0	15 API	3	1000	32	200 API
	77	527	12	5	50	0	15 API	3	500	0	100 API

REMARKS





# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

317

FILE NO.	COMPANY	WELL	LOCATION	FIELD	PROVINCE
11-910	FORDERS OIL ENERGY	317	GRANDVIEW	FORDING	BRITISH COLUMBIA
SEC					
TYPE					
RANGE					
M					
Other Services:					
Permitment Datum	PROVINCE BRITISH COLUMBIA				
Log Assumed from	GEORGE JAVEL				
New Depths Assumed from	GEORGE JAVEL				
	F. Above Perm. Datum				
	K.A. _____				
	C.G. _____				
	G.L. _____				
Run. No.	DATE				
11	NOVEMBER 1974				
First Reading	490				
Last Reading	000				
Frontage Logged	490				
Depth Reached	492				
Depth Driller	510				
Casing Role	10				
Casing Driller	10				
Fluid Type	ATR/WATER				
Liquid Level	58				
Mth. Diam.	5				
Rm @ 9'					
Operating Time	1-1/2 hours				
Truck No.	33				
Recorded By	SEBASTIAN	Witnessed By: TAYLOR			

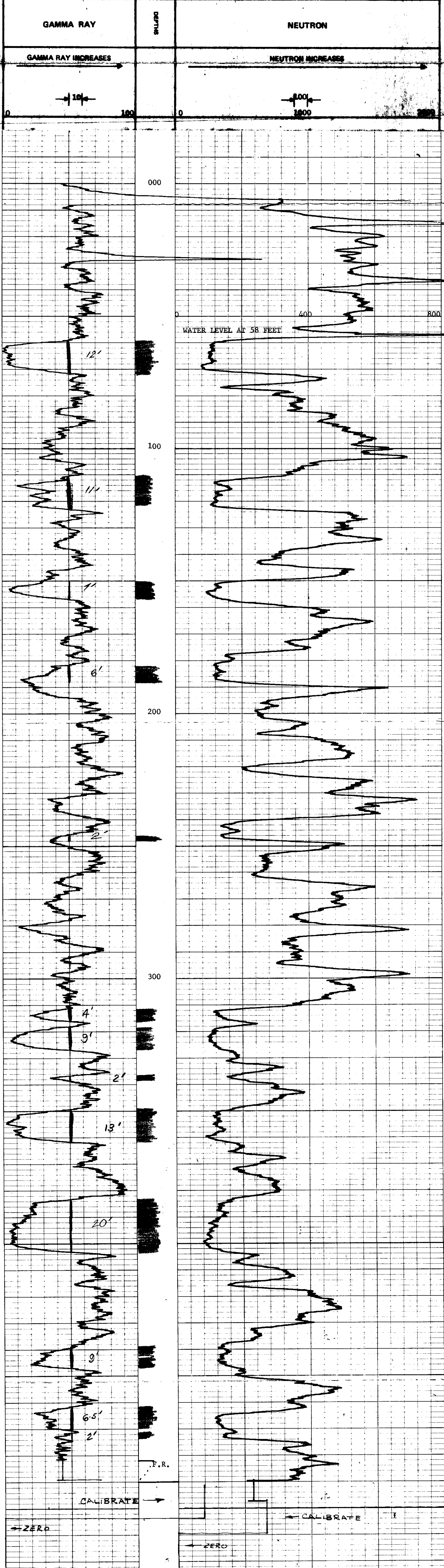
### EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 1/2	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 1/2
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.66 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
		SERIAL NO.	598
		SPACING	17 INCH
		TYPE	AmBe
		STRENGTH	3 CURIES

### LOGGING DATA

RUN NO.	GENERAL		GAMMA RAY				NEUTRON				
	DEPTH	SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS	
	FROM	TO	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	
1	0	58	12	5	100	0	10	3	1000	0	100
	68	490	12	5	100	0	10	3	1000	0	40

REMARKS: LOGGED THROUGH DOUBLE WALLED DRILL STRING



# ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

K-1-1000-71/23

FILE NO.	COMPANY	WELL	LOCATION	FIELD	PROVINCE	PERMANENT DATUM	LOG MEASURED FROM	WELL DEPTHS MEASURED FROM	RUN NO.	DATE	FIRST READING	LAST READING	FOOTAGE LOGGED	DEPTH REACHED	DEPTH DRILLER	CASING ROPE	CASING DRILLER	FLUID TYPE	LIQUID LEVEL	MIN. DIAM.	Rm @ 9'	OPERATING TIME	TRUCK NO.	
	FORDING COAL LIMITED	RH-911	HENRIETTA MOUNTAIN	FORDING	BRITISH COLUMBIA	GROUND LEVEL	GROUND LEVEL	GROUND LEVEL	ONE	12 OCTOBER 1974	503	0	503	504				AIR/WATER	88	4-7/8		1-1/2 HOURS	33	
LOG TYPE	W																							
LOG TYPE																								

317

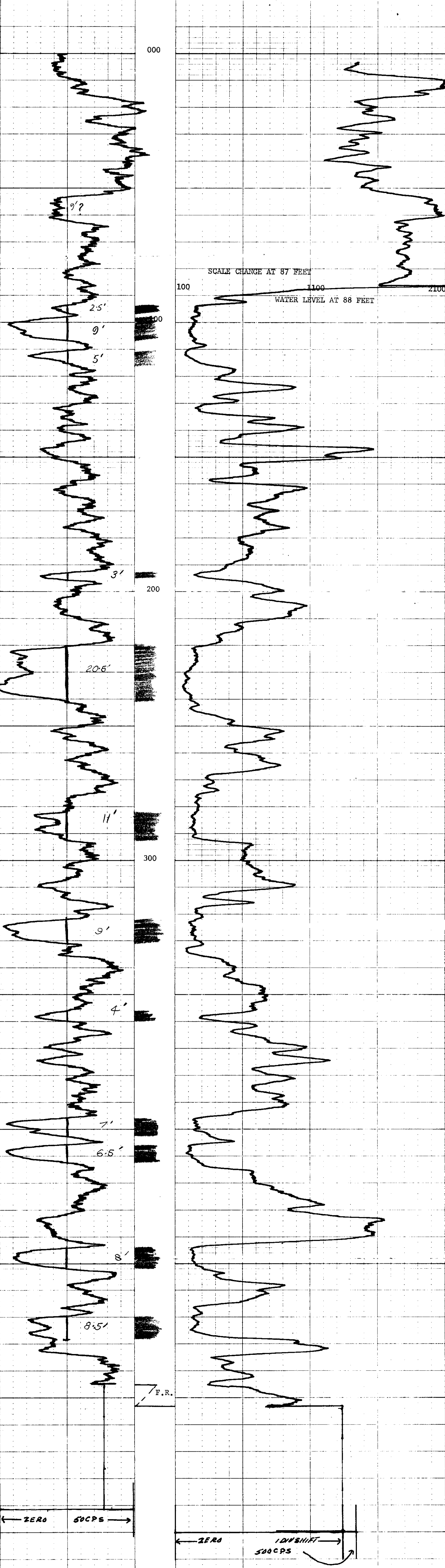
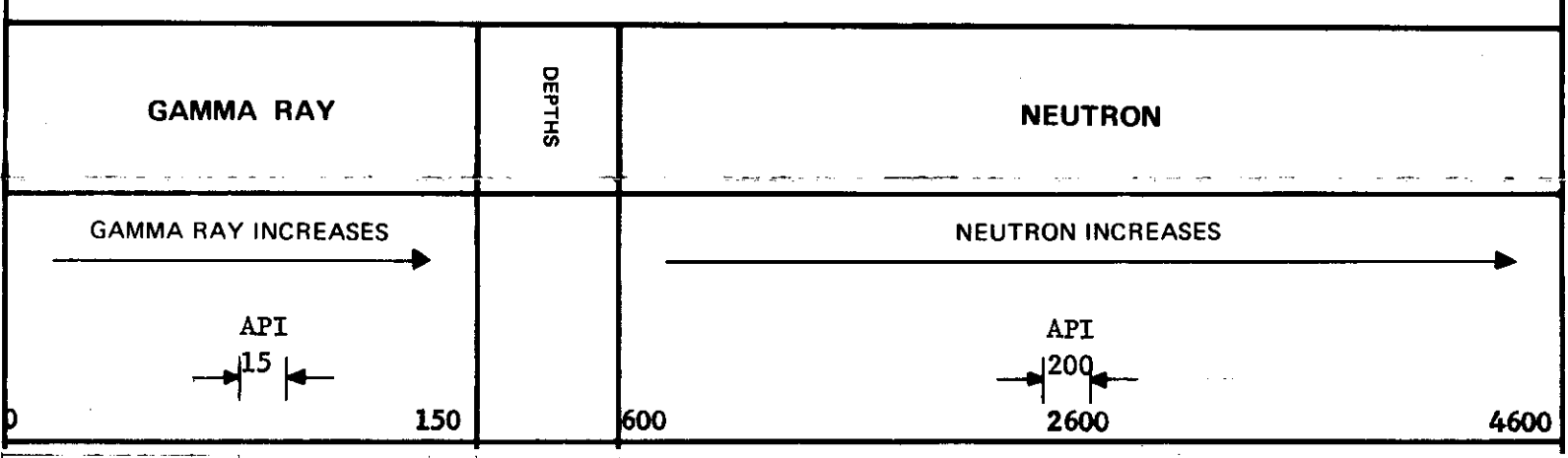
### EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	1 11/16	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	1 11/16
TYPE	GEIGER	DETECTOR MODEL NO.	
LENGTH	18 INCH	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	8.55 FT.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
		SERIAL NO.	598
		SPACING	17 INCH
		TYPE	AmBe
		STRENGTH	3 CURIES

### LOGGING DATA

RUN NO.	GENERAL			GAMMA RAY				NEUTRON			
	DEPTHS	SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS	
	FROM	TO	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	
1	0	87	12	5	100	OL	3	1000	3L	200 API	
	87	503	12	5	100	OL	3	500	1L	100 API	

REMARKS



K-Forming 74(3)C

GAMMA RAY NEUTRON LOG

# ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO. COMPANY **FORDING CARL LIMITED**

WELL **RA-912**

LOCATION **HENRIETTA MOUNTAIN**

FIELD **FORDING**

PROVINCE **BRITISH COLUMBIA**

Permanent Datum **GROUND LEVEL** Elev. \_\_\_\_\_

Log Measured from **GROUND LEVEL** Ft. Above Perm. Datum

Well Depths Measured from **GROUND LEVEL** G.L. \_\_\_\_\_

Run. No. **ONE**

Date **12 OCT 1974**

First Reading **262**

Last Reading **0**

Footage Logged **262**

Depth Reached **262**

Depth Driller \_\_\_\_\_

Casing Roker \_\_\_\_\_

Fluid Type **AIR/LUBRIC**

Liquid Level **41 FEET**

Min. Diam. **4 7/8**

Rm @ 0F \_\_\_\_\_

Operating Time **1 1/2 HOURS**

Truck No. **33**

Recorded By **JOHNSON**

Witnessed By **TROSKIN**

**317**

Other Services:

K.B. \_\_\_\_\_

CSG \_\_\_\_\_

G.L. \_\_\_\_\_

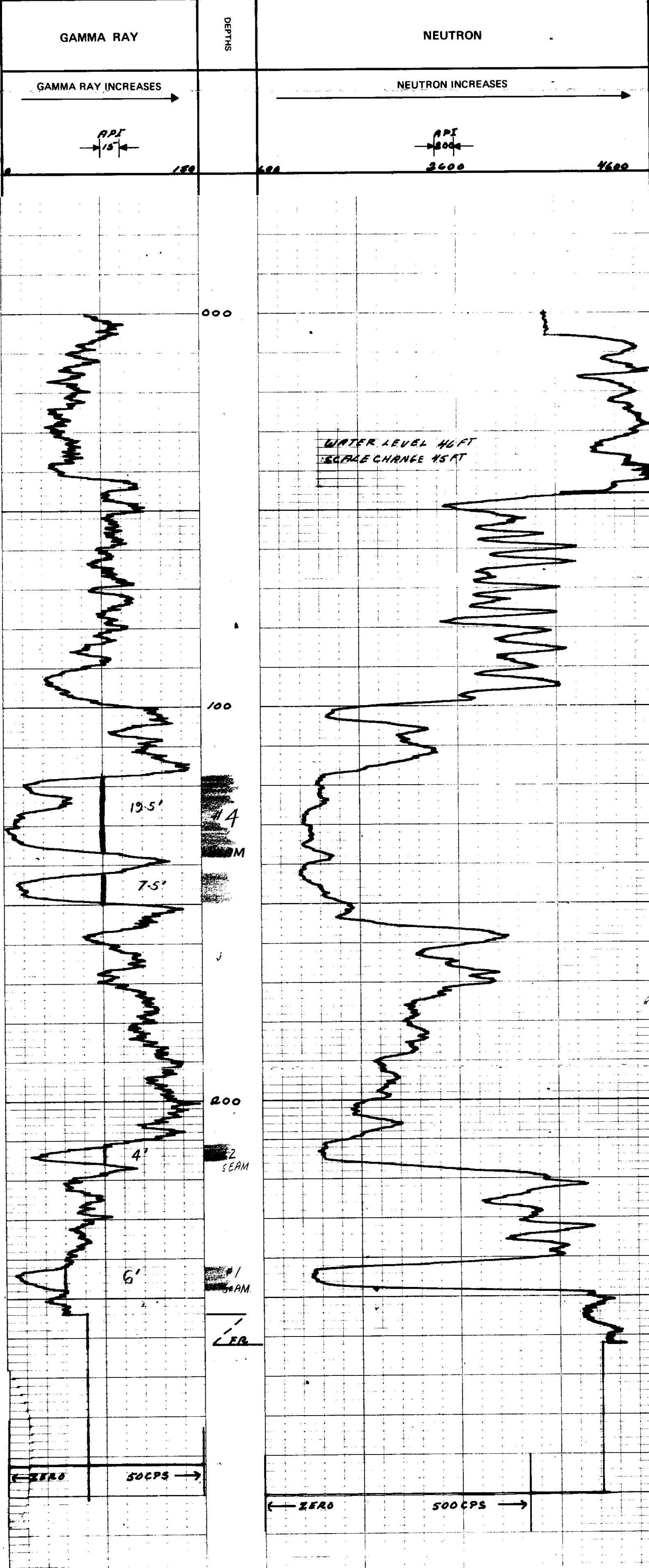
## EQUIPMENT DATA

GAMMA RAY				NEUTRON			
RUN NO.	<b>ONE</b>			RUN NO.	<b>ONE</b>		
TOOL MODEL NO.				LOG TYPE	<b>NEUTRON/NEUTRON</b>		
DIAMETER	<b>1 11/16</b>			TOOL MODEL NO.			
DETECTOR MODEL NO.				DIAMETER	<b>1 11/16</b>		
TYPE	<b>GEIGER</b>			DETECTOR MODEL NO.			
LENGTH	<b>18 INCH</b>			TYPE	<b>PROPORTIONAL</b>		
DISTANCE TO N. SOURCE	<b>8.55 FT.</b>			LENGTH	<b>6 INCH</b>		
GENERAL				SOURCE MODEL NO.	<b>MRC-N-SS-W</b>		
HOIST TRUCK NO.	<b>33</b>			SERIAL NO.	<b>598</b>		
INSTRUMENT TRUCK NO.				SPACING	<b>19 INCH</b>		
TOOL SERIAL NO.	<b>CGN27448-65</b>			TYPE	<b>AmBe</b>		
				STRENGTH	<b>30 CARRIES</b>		

## LOGGING DATA

RUN NO.	GENERAL		GAMMA RAY				NEUTRON				
	FROM	TO	SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	45	12	5	100	0L	15API	3	1000	3L	200API
	46	262	12	5	100	0L	15API	3	500	1L	100API

REMARKS



WATER LEVEL 46 FT  
SCALE CHANGE 15 FT

19.5'

7.5'

200

4'

6'

#1 SEAM

#2 SEAM

#1 SEAM

ZERO 500 CPS

ZERO 500 CPS

# ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

K-faces 74(3)c

FILE NO. \_\_\_\_\_ COMPANY FORDING COAL LIMITED  
 WELL RH-913  
 TWP \_\_\_\_\_ LOCATION HENRIETTA MOUNTAIN  
 RGE \_\_\_\_\_ FIELD FORDING  
 W \_\_\_\_\_ M \_\_\_\_\_

**317**

PROVINCE BRITISH COLUMBIA  
 Permanent Datum GROUND LEVEL Elev. \_\_\_\_\_  
 Log Measured from GROUND LEVEL F. Above Perm. Datum \_\_\_\_\_  
 Well Depths Measured from GROUND LEVEL G.L. \_\_\_\_\_

Run. No. ONE  
 Date 12 OCTOBER 1974  
 First Reading 496  
 Last Reading 0  
 Footage Logged 496  
 Depth Reached 497  
 Depth Driller \_\_\_\_\_  
 Casting Roke \_\_\_\_\_

Casting Driller \_\_\_\_\_  
 Fluid Type AIR/WATER  
 Liquid Level 144  
 Min. Diam. 4-7/8  
 Rm @ 9' \_\_\_\_\_  
 Operating Time 1-1/2 HOURS  
 Truck No. 33

Recorded By JOHNSON Witnessed By TAITLIN

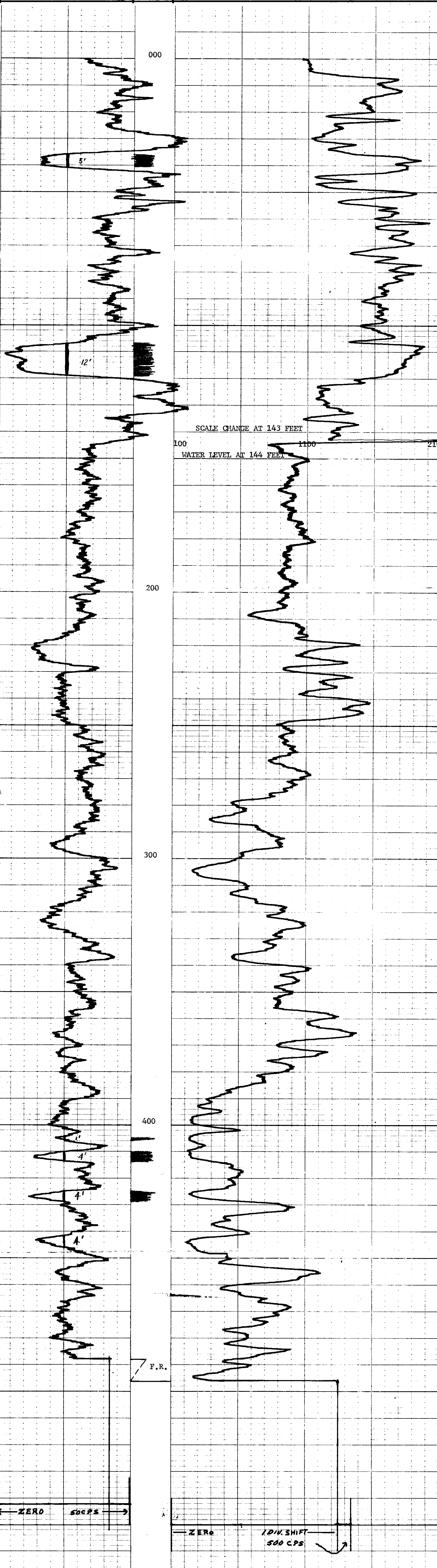
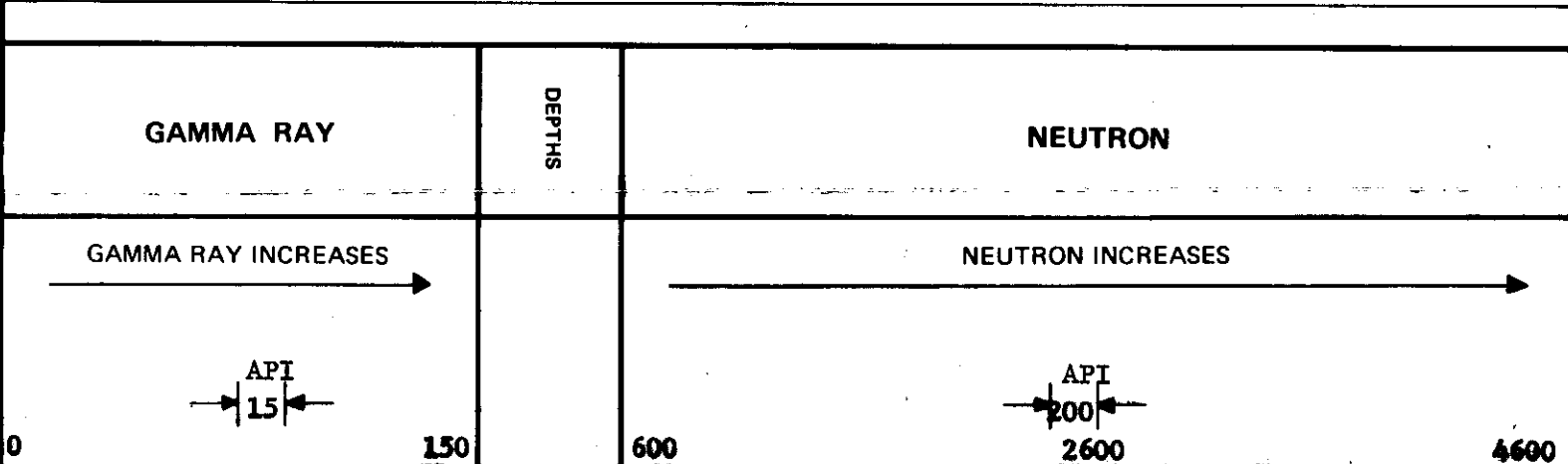
### EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	<u>ONE</u>	RUN NO.	<u>ONE</u>
TOOL MODEL NO.		LOG TYPE	<u>NEUTRON/NEUTRON</u>
DIAMETER	<u>1 11/16</u>	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	<u>1 11/16</u>
TYPE	<u>GEIGER</u>	DETECTOR MODEL NO.	
LENGTH	<u>18 INCH</u>	TYPE	<u>PROPORTIONAL</u>
DISTANCE TO N. SOURCE	<u>8.55 FT.</u>	LENGTH	<u>6 INCH</u>
		SOURCE MODEL NO.	<u>MRC-N-SS-W</u>
GENERAL		SERIAL NO.	<u>598</u>
HOIST TRUCK NO.	<u>33</u>	SPACING	<u>17 INCH</u>
INSTRUMENT TRUCK NO.		TYPE	<u>AmBe</u>
TOOL SERIAL NO.	<u>CGN27U4A-65</u>	STRENGTH	<u>3 CURTES</u>

### LOGGING DATA

RUN NO.	GENERAL		GAMMA RAY				NEUTRON				
	FROM	TO	SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	143	12	5	100	OL	15 API	3	1000	3L	200 API
	144	496	12	5	100	OL	15 API	3	500	1L	100 API

REMARKS \_\_\_\_\_



← ZERO 500 CPS →

← ZERO 1 DIV. SHIFT 500 CPS →

# Diamond Drill Geological Log



K-FARROW 74(3)C-2

Objective: Determine location and thickness of seam  
Driller - Kelm

Sampled: No

LAT: 499, 903.9' N.  
DEP: 77, 651.5' E.  
ELEVATION: 5855.5'

Logged By: AJB

Date: June 6, 1974

Composites:

Block: Sect.: 500,000 N Place: Turnbull Mt. App. Bear: 0 App. Dip.: -90 degrees Length: 210 feet

From	To	Discard:	Reason:
0	31	Mudstone (casing 32')	
31	36.5	Coal	
36.5	41	Mudstone	
41	70	Coal	
70	137	Mudstone	
137	167	Coal	
167	210	Mudstone, with increasing hardness with increasing depth	
End	210		

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.

317

Core Size  
4 1/2" B-50 Drill

Hole No.  
RH 255

Page  
1

# Diamond Drill Geological Log



40 Scale

Objective: Determine location and thickness of seam

Sampled: No

IAT: 499, 713.2' N.  
DEP: 77, 688.3' E.  
ELEVATION: 5881.8'

Color Plot & Dips

Ore Classes & Aver.

Logged By: AJB

Date: June 6, 1974

Composites:

Block:

Sect:

499, 750 N.

Place:

Turnbull Mt.

App. Bear:

0

App. Dip:

-90 degrees

Length:

230 feet

From To Discard Reason:

0 10 Overburden (7 feet casing)

10 37 Mudstone

37 40 Coal

40 44 Mudstone

44 71 Coal

71 132 Mudstone

132 207 Coal

207 230 Mudstone

END 230

Core Size

4 1/2" B-50 Drill

Hole No.

RH 256

Page

1

# Diamond Drill Geological Log



40 Scale

**Objective:** TO DETERMINE LOCATION AND THICKNESS OF SEAM 5&7 ABOVE THRUST FAULT.

**Sampled:**

Color Plot & Dips

Ore Classes & Aver.

**Logged By:** RK

**Date:** July 29, 1974

**Composites:**

**Block:**

**Sect.:**

**Place:**

**App. Bear:**

**App.: Dip.:**

**Length:** 232'

From	To	Discard:	Reason:
			For 0-224' INTERSECTIONS TAKEN FROM RADIATION LOG.
0	10		Overburden.
10	41		Mudstone; some siltstone.
41	43		Coal 2'.
43	51		Mudstone.
51	74		Coal 23' SEAM-7
74	134		Mudstone with several thin sandy siltstone bands.
134	205		Coal 71'
205	232		Siltstone and mudstone.
			End of hole at 232'

0

Core Size

Hole No. RH 256A

Page 10F1

# Diamond Drill Geological Log



Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: R K Date: JUL 29 '74 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect: 500,000 N Place: TURNBULL App. Bear: \_\_\_\_\_ App. Dip: 90o Length: 160'

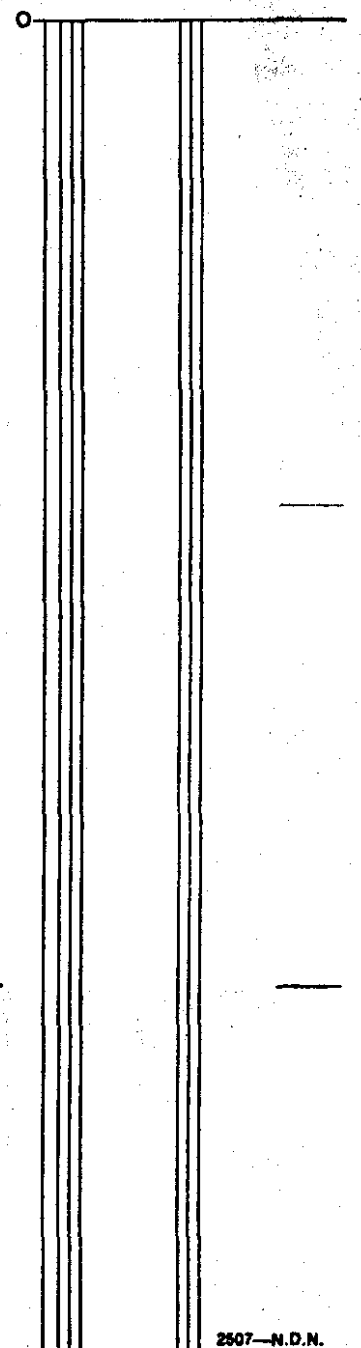
From To Discard Reason:

0	12	Overburden (casing-13').	
12	22	Mudstone.	
22	25	Coal.	
25	82	Mudstone.	
82	123	Coal, with one foot mudstone band at 87'	
123	130	Shale and Coal.	
130	160	Mudstone.	

End of hole at 160'

40 Scale

Color Plot & Dips Ore Classes & Aver.



Core Size

Hole No. RH 257

Page 10F1



# Diamond Drill Geological Log



40 Scale

Objective: TO DETERMINE THICKNESS AND LOCATION OF SEAM ABOVE THRUST FAULT.

Sampled:

Color Plot & Dips

Ore Classes & Aver.

Logged By: R.K.

Date: JULY 2, 74

Composites:

Block:

Sect.:

Place:

App. Bear:

App. Dip:

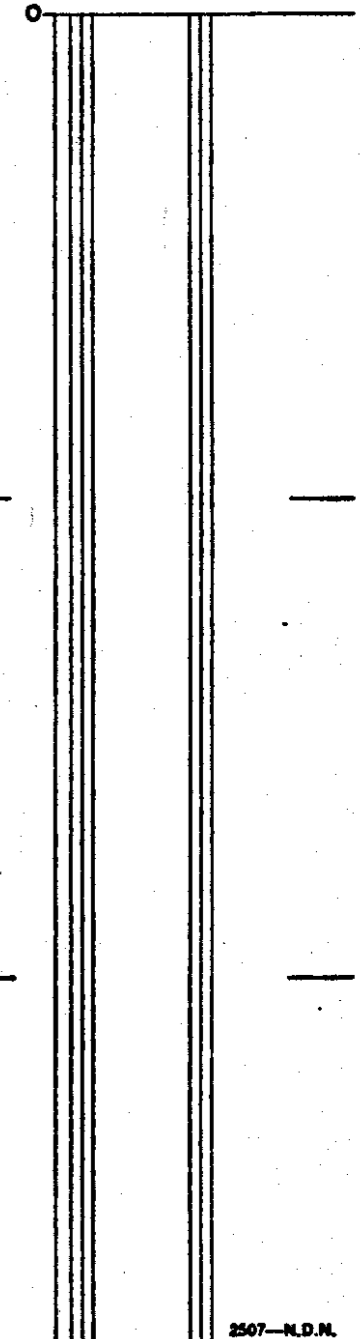
Length:

TURNBULL

90°

108'

From	To	Discard:	Reason:
0	5	Overburden, (Casing-11')	FOR 0-93' INTERSECTIONS TAKEN FROM RADIATION LOG
5	17.5	Coal, with 2' mudstone parting at 11'. Seam-7	
17.5	61	Mudstone, with several siltstone partings.	
61	92	Coal, Seam-5	
92	108	Mudstone.	
		End of hole at 108'.	



Core Size

Hole No. RH 258

Page 10F1

# Diamond Drill Geological Log



Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-15

Sampled:

Logged By: R. K.

Date: JULY 17, 1974

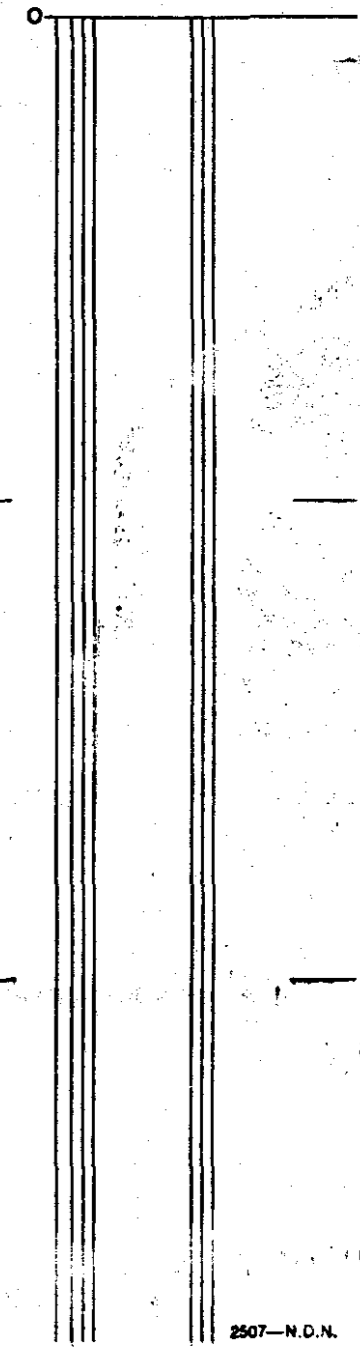
Composites:

Block: Sect.: Place: **TURNBULL** App. Bear: App. Dip.: Length: **235'**

From	To	Discard:	Reason:
			<b>INTERSECTIONS TAKEN FROM RADIATION LOG.</b>
0	14	Overburden.	
14	24	Mudstone.	
24	50	Coal 26' Seam-7	
50	77	Mudstone and siltstone interbeds.	
77	96	Coal 19' 96-99 Shale.	
99	102	Coal.	
102	127	Mudstone and siltstone interbeds.	
127	171	Sandstone.	
171	178	Mudstone.	
178	181	Coal.	
181	203	Mudstone.	
203	228	Coal 25'	
228	235	Mudstone.	

End of hole at 235'

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.



Core Size

Hole No. RH 259

Page I OF I

# Diamond Drill Geological Log



Objective: Drilled by Glen Kelm

Sampled:

Logged By: RK Date: Sept. 19, 1974

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

Turnbull

From To Discard: Reason:

NO RADIATION LOG.

0 20 Overburden.

20 83 Moslty sandstone (Basal).

Hole in beds below Seam-4

End of hole at 83'.

40 Scale  
Color Plot & Dips Ore Classes & Aver.

Core Size

Hole No. RH 260

Page 10F1

# Diamond Drill Geological Log



Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-4

Sampled:

Logged By: RK

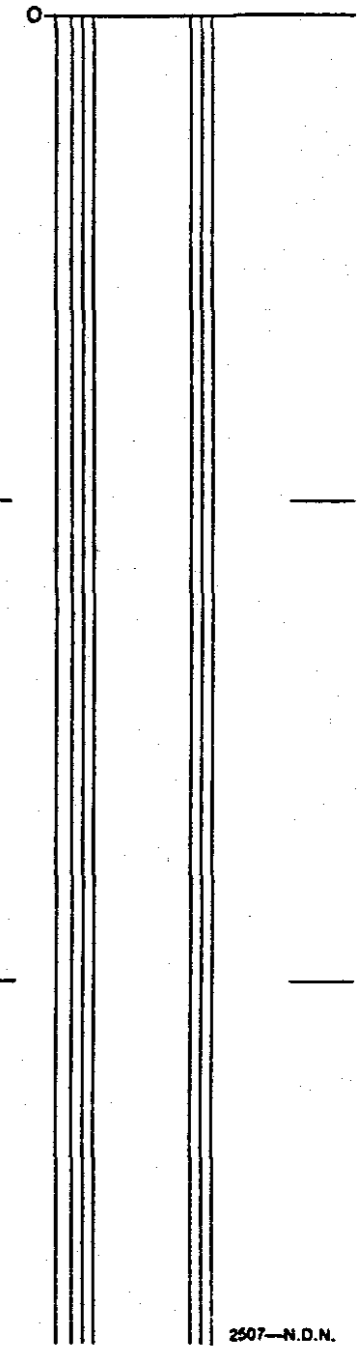
Date: Sept. 19, 1974

Composites:

Block: Sect.: Place: **Turnbull** App. Bear: App.: Dip.: Length:

From	To	Discard:	Reason:
			INTERSECTIONS TAKEN FROM RADIATION LOG.
0	18		Overburden (casing 0-20)
18	34		Sandstone.
34	40		Mudstone.
40	72		Coal, with 4 ft. parting from 53 to 57' 32(28)' Seam-4
72	77		Mudstone.
77	79		Shaley Coal 2'.
79	82.5		Mudstone.
82.5	86.5		Coal 4'.
86.5	98		Mudstone and siltstone near bottom.
98	105		Sandstone.
End of hole at 105'			

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.



Core Size

Hole No. RH 261

Page 1 OF 1



# Diamond Drill Geological Log



40 Scale

Objective: 4 Seam

Sampled: NO

Color Plot & Dips

Ore Classes & Aver.

Logged By: D.E. Bell

Date: October 7, 1974

Composites: AUGER DRILL (B-50); DRILLER: G. KELM

Block:

Sect.:

Place:

App. Bear:

App. Dip.:

Length:

TURNBULL SOUTH AREA

201'

From To Discard: Reason:

0 15 Overburden (Casing 19')

15 109 Sandstone - siltstone hard.

109 136 Siltstone - mudstone (driller: "120-125, brown mudstone; 125-136, dirty coal")

136 142 Coal

142 148 Mudstone.

148 178 Sandstone - siltstone, hard.

178 186 Coaly mudstone (driller: "181-188, coal")

186 188 Coal.

188 201 Sandstone, hard.

Core Size

Note No.

RH 263

Page

1 OF 1

# Diamond Drill Geological Log



40 Scale  
Color Plot & Dips      Ore Grades & Assays

Objective: RH - 264 4 SEAM OUTCROP DETERMINATION

Sampled: NO

Logged By: G. Kelm

Date: October 15, 1974

Composites: B - 50 AUGER DRILL

Block:      Sect.:      Place: TURNBULL SOUTH 4 PIT      App. Bear:      App. Dip.: VERTICAL      Length: 73'

From	To	Discard:	Reason:
			NO RADIATION LOG.
0	18	Overburden.	
18	27	Sandstone, hard	(Pear SS.)
27	50/55	Coal SEAM 4	(Driller forgot whether bottom Seam at 50 or 55')
50/55	73	Sandstone, grey-brown	(Unit between Seams 2 and 4.)
End of hole at 73'.			

Core Size

Hole No.

RH - 264

Page

1/1

# Diamond Drill Geological Log



K-FORMS 74(3)C-2

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-15

Sampled:

**317**

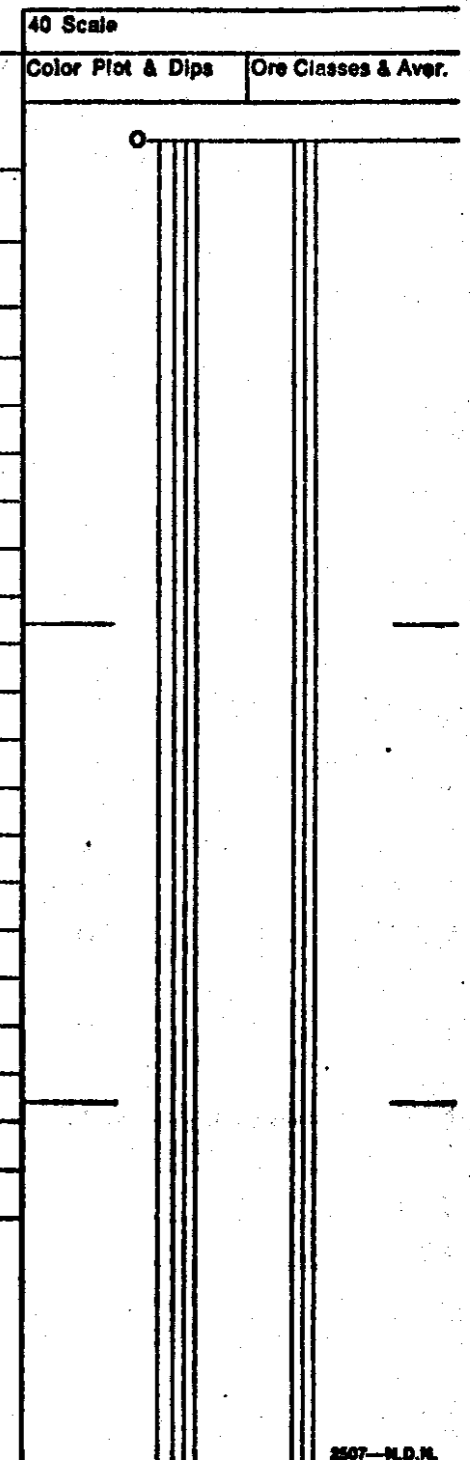
Logged By: RK.

Date: JULY 2, 74.

Composites:

Block:	Sect.:	Place: EAGLE MTN. WESTFACE	App. Bear:	App. Dip.: 90°	Length: 412'
--------	--------	-------------------------------	------------	-------------------	-----------------

From	To	Discard:	Reason:
			FOR 0-404' INTERSECTION TAKEN FROM RADIATION LDG.
0	9	Overburden. (casing 0-9)	
9	22	Mudstone, some siltstone,	
22	24	Coal	
24	39	Siltstone & mudstone	
39	41	Coal	
41	111	Mostly Mudstone, several siltstone interbeds.	
111	138	Sandstone and siltstone interbeds.	
138	176	Mudstone.	
176	182	Sandstone.	
182	197	Mudstone.	
197	203	Sandstone	
203	219	Mudstone, traces of coal at 209'	
219	223	Coal and shale	
223	241	Mudstone	
241	248	Sandstone.	
248	253	Mudstone	
253	265	Sandstone and siltstone interbeds.	
265	267	Coal	
267	301	Mudstone and sandstone interbeds.	
301	304	Coal.	
304	337	Mostly siltstone some mudstone.	
337	340	Coal.	
340	368	Siltstone, grading to mudstone near bottom.	



Core Size

Hole No. RH 335

Page 10F2



# Diamond Drill Geological Log



40 Scale

Objective:		Sampled:	
Logged By:		Composites:	
Date:			

Color Plot & Dips

Ore Classes & Aver.

Block:	Sect.:	Place:	App. Bear:	App. Dip.:	Length:
--------	--------	--------	------------	------------	---------

From	To	Discard:	Reason:
368	404	Coal, with thin	mudstone bands at 373', 389', and 397' Seam-15
404	407	Coal and shale.	
407	412	Mudstone.	
		End of hole at 412.	

O

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Core Size	Hole No. RH 335
	Page 20F2

Composite Requested Jul 29, 74.

PROXIMATE ANALYSIS + 0.5  $\frac{1}{2}$  FSI

\* Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 335

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
23	25		6534		2		35.5			0		
28	30	VOID	6526		2							
38	40		6527		2		11.4			1		
41	42		6528		1		55.0			2		
54	55		6529		1		71.5			1/2		
56	58		6530		2		61.6			1/2		
58	60		6531		2		61.7			1		
60	62		6532		2		54.3			1		
62	64		6533		2		82.2			0		
146	147		6534		1		29.0			5		
148	149		6535		1		23.5			5		
157	159		6537		2		46.9			3		
189	190		6538		1		56.4			1		
209	211		6539		2		79.3			0		N* 6539 P205-0.15%
215	217		6540		2		77.2			0		
263	265	P.A. + 0.5 $\frac{1}{2}$ FSI	6541		2		25.4			7		

6541

1.0 24.0

28.0 45.4 7 1/2

0.92

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
295	297	COMPOSITE	6542		2		21.3			3		
297	299	* 6542-43	6543		2		21.0			6 1/2		
		COMPOSITE 6542-43			1	0.9	21.1	27.9	50.1	6 1/2	0.65	
333	335		6544		2		10.2			6 1/2		
343	345		6545		2		2.8			7		
345	347		6546		2		4.8			6		
347	349		6547		2		22.7			6		RADIATION LOG
349	371		6548		2		25.8			5 1/2		348-404'
371	373		6549		2		2.7			6 1/2		
373	375		6550		2		4.2			6		
375	377		6551		2		5.4			6		
377	379	SEAM - IS COMPOSITE	6552		2		4.5			5 1/2		
379	381	* 6545-52 INCLUSIVE	6553		2		5.6			6 1/2		
381	383		6554		2		3.9			6		
383	385	COAL & SHALE	6555		2		47.2			2		
385	387	COAL & SHALE	6556		2		7.7			6		
387	389		6557		2		2.5			6 1/2		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
389	391		6558		2		2.5			6½		
391	393		6559		2		27.4			6		
393	395		6560		2		19.4			7		
395	397		6561		2		4.7			7½		
397	399		6562		2		28.7			6½		
399	401	SHALE & COAL	6563		2		64.0			1		
401	402	SHALE & SOME COAL	6564		1		83.1			0		
		COMPOSITE "	6545-62		36	1.0	12.3	30.8	55.7	8	0.29	
		COMPOSITE P <sub>2</sub> O <sub>5</sub> ANALYSIS					0.065					

# Diamond Drill Geological Log



K-FORING 74(B)C-2

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-15.,

Sampled:

Logged By: RK

Date: JULY 2, 74

Composites:

Block: Sect: Place: EAGLE MIN. WESTFACE App. Bear: App. Dip.: 90° Length: 449.

From	To	Discard:	Reason:
0	14	Casing.	
14	22	Sandstone.	
22	45.5	Mudstone and siltstone interbeds, coal stringers at 33'	
45.5	47	Coal.	
47	51	Mudstone.	
51	53	Coal.	
53	125	Mudstone, grading to siltstone near bottom.	
125	140	Sandstone.	
140	245	Mostly mudstone, several sandstone interbeds.	
245	257	Sandstone.	
257	287	Mostly mudstone, some siltstone.	
287	289	Coal.	
289	330	Siltstone and sandstone interbeds.	
330	333	Coal.	
333	363	Mostly sandstone, some siltstone.	
363	365	Coal.	
365	398	Sandstone and siltstone interbeds.	
398	435.5	Coal, with thin mudstone bands at 404.5', 421' and 429'. Seam 15.	
435.5	439	Coal and shale.	
439	449	Mudstone.	

End of hole at 449'

Core Size

Hole No. RH 336

Page 10F1

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.

0  
37

COMPOSITES REQUESTED. JUL 27/14

PROXIMATE ANALYSIS + % S & FSI.

\*. weight by the footages represented,

DIAMOND DRILL SAMPLING RECORD

RH 336

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
34	35	COAL & SHALE	6565		1		17.4			5		
46	48		6566		2		20.2			2		
51	53		6567		2		13.3			5		
286	288	COMPOSITE	6568		2		16.4			4		
288	289		6569		1		36.9			6 1/2		
329	331	COMPOSITE	6560-69		3	0.9	23.0	29.2	46.9	7	0.91	
			6570		2		33.6			1		
331	333		6571		2		14.6			5 1/2		
			6570-71		4	1.0	24.0	25.4	49.4	2 1/2	0.62	
363	365		6572		2		28.6			4 1/2		
399	401	COMPOSITE #1	6573		2		13.3			7 1/2		RADIATION LOG
401	403	# 6573-6686 inclusive	6574		2		6.8			5 1/2		392-435.5'
403	405		6575		2		27.3			5 1/2		
405	407	COMPOSITE #2	6676		2		29.4			3		
407	409	# 6687-6690 inclusive	6677		2							
409	411		6678		2		7.0			6 1/2		
411	413	COMPOSITE #3	6679		2		9.0			4 1/2		
413	415	# 6573-6690 inclusive.	6680		2		12.0			2 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
415	417	#2	6681		2		5.9				6 1/2	
417	419		6682		2		6.4				5 1/2	
419	421		6683		2		46.1				1	
421	423		6684		2		25.7				2	
423	425		6685		2		7.3				6 1/2	
425	427		6686		2		5.8				5 1/2	
427	429		6687		2		54.8				2	
429	431		6688		2		31.9				4 1/2	
431	433		6689		2		5.3				7	
433	435		6690		2		26.0				6	
435	437		6691		2		66.2				1	
437	439		6692		2		44.1				1	Calc.
		#3 COMPOSITE 6573-6690			3 1/2	0.9	18.4	28.0	52.7	6	0.15	Ave. Ash: 18.8%
		#1 COMPOSITE #6573-6686			28	1.0	15.2	29.5	54.3	6	0.24	Ave. Ash: 15.5%
		#2 COMPOSITE #6687-6690			6	0.9	24.3	28.7	46.1	7	0.31	

# Diamond Drill Geological Log



K-FORING 74(3)C-2

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-15

Sampled:

**317**

Logged By: RK

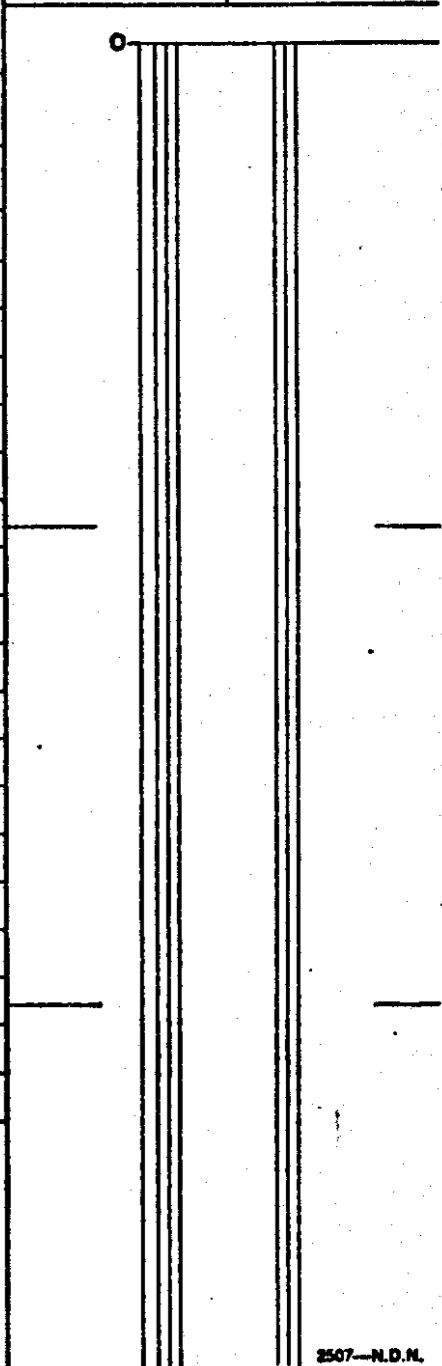
Date: JULY 2, 74

Composites:

Block:      Sect.:      Place: EAGLE MIN. WESTFACE      App. Bear:      App. Dip.: 90°      Length: 456'

From	To	Discard:	Reason:
			FORO 448' INTERSECTION TAKEN FROM RADIATION LOG.
0	14	Casing.	
14	38	Mostly mudstone, some siltstone.	
38	130	Siltstone and mudstone interbeds, grading to sandy siltstone near bottom.	
130	151	Sandstone.	
151	247	Siltstone and mudstone interbeds.	
247	292	Sandstone.	
292	317	Siltstone and mudstone interbeds.	
317	354.5	Mostly sandstone, some siltstone.	
354.5	358.5	Coal.	
358.5	396	Sandstone.	
396	404	Mostly mudstone, some coal.	
404	438	Coal with thin mudstone bands at 411', 421' and 427.5' Seam-15	
438	422.5	Mudstone.	
442.5	448	Coal.	
448	456	Mudstone.	
		End of hole at 456'	

40 Scale  
Color Plot & Dips      Ore Classes & Aver.



Core Size

Hole No. RH 337

Page 1 OF 1



COMPOSITES REQUESTED. JUL 29/74

PROXIMATE ANALYSIS + % S & FSI

\* Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 337

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
400	402		6576		2		4.7			8 1/2		RADIATION LOG
402	404		6577		2		10.3			7		404-438'
404	406		6578		2		5.2			8		
406	408		6579		2		38.1			4 1/2		CALC. AVE. ASH
408	410 } A		6580				6.1			8 1/2		11.4 %
408	410 } B		6581		2		3.1			8 1/2		
410	412	SEAM - 15	6582		2		3.7			8 1/2		
412	414	COMPOSITE	6583		2		7.7			8		
414	416	# 6576-92 Inclusive	6584		2		3.3			6 1/2		
416	418		6585		2							
418	420	CES	6586		2		3.0			6 1/2		
420	422	CES	6587		2		5.3			8		
422	424	CES	6588		2		33.8			3		
424	426	CES	6589		2		29.2			5 1/2		
426	428	CES	6590		2		3.4			8		
428	430	CES	6591		2		5.0			8 1/2		
430	432	CES	6592		2		14.5			7 1/2		

COMPOSITE # 6576-92

32' 0.9 10.7 31.2 56.6 7 1/2 0.24

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
432	434	CES	6593		2		38.8			3		
434	436	CES	6594		2		75.5			0		
												RADIATION LOG
440	442		6595		2		15.6			7		442.5 - 448'
442	444		6596		2		11.6			7 1/2		
444	446	CES COMPOSITE	6597		2		58.4			1 1/2		
446	448	S # 6595-6600 inclusive	6598		2		23.4			7 1/2		
448	450		6599		2		30.5			4 1/2		
450	452		6600		2		17.8			7		
		COMPOSITE 6595-6600			12	0.9	26.1	27.7	AS <sup>3</sup>	7	0.40	

# Diamond Drill Geological Log



K-FORING 74(3)C-2

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-15

Sampled:

**317**

Logged By: R. K.

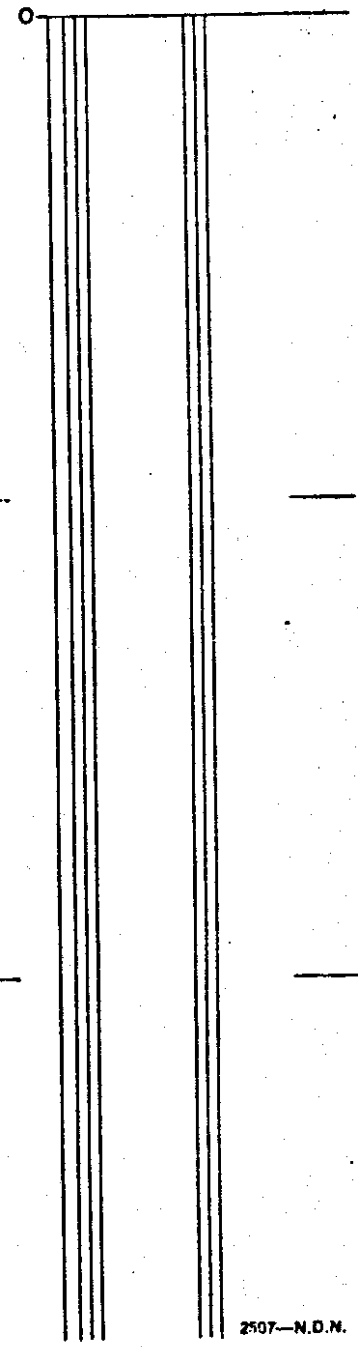
Date: JULY 17, 1974

Composites:

Block: Sect.: Place: **EAGLE MTN. WEST FACE** App. Bear: App.: Dip.: Length: **505'**

From	To	Discard:	Reason:
0	15		Casing.
15	165		Mostly siltstone, some mudstone, coal stringers 41', 102' & 124'
165	212		Sandstone, several siltstone interbeds.
212	333		Mostly mudstone, some siltstone.
333	399		Sandstone.
399	402		Coal.
402	419		Silty sandstone.
419	421		Coal.
421	444		Siltstone and sandstone.
444	447.5		Mudstone.
447.5	486		Coal with thin mudstone bands at 453' and 471'. Seam-15 38.5'
486	505		End of hole at 505'
			June 29, 1974

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.



Core Size

Hole No. RH 338

Page I OF I

NO COMPOS REQUESTED.  
(MIX-UP IN SAMPLE ASSAY RESULTS.)

DIAMOND DRILL SAMPLING RECORD

RH-338

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
452	454		6601		2		14.6			5 1/2		RADIATION LOG
454	456		6602		2		24.8			3 1/2		AA7.5 - AB6
456	458		6603		2		17.3			5 1/2		
458	460		6604		2		63.0			0		Shaley Coal Rad Log
460	462		6605		2		40.6			4		Good Coal Rad Log
462	464		6606		2		9.1			6		
464	466		6607		2		11.6			3 1/2		
466	468		6608		2		7.2			5 1/2		
468	470		6609		2		8.9			5 1/2		
470	472		6610		2		33.2			6		Good Coal Rad Log
472	474		6611		2		32.7			4 1/2		Good Coal
474	476		6612		2		34.1			2		Shaley Coal Rad Log
476	478		6613		2		7.1			5 1/2		
478	480		6614		2		14.7			6		
480	482		6615		2		27.0			6 1/2		
482	484		6616		2		15.1			7		Shaley Coal Rad Log
484	486		6617		2		8.7			6		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
486	488		6618		2		43.5			4 1/2		C.S. H. 195. 452-488 = 22.96
488	490		6619		2		60.8			1		1/2 Ash. Good coal Rad log.
490	492	A	6620		2		48.8			1		
		B	6621		2		33.6			3 1/2		

# Diamond Drill Geological Log



K. FARROW 74(3)C-2

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-15

Sampled:

**317**

Logged By: R.K.

Date: July 9, 1974

Composites:

Block: Sect.: Place: **EAGLE MTL. WEST FACE**

App. Bear: App.: Dip.: **900**

Length: **535'**

From To Discard: Reason: **INTERSECTIONS TAKEN FROM RADIATION LOG**

0	14	Overburden.	
14	35	Siltstone and mudstone.	
35	37	Shaly coal.	
37	40	Mudstone.	
40	42.5	Shaly coal.	
42.5	45	Mudstone.	
45	47	Shaly coal.	
47	72	Mudstone and siltstone.	
72	74	Coal.	
74	98	Mudstone, some siltstone.	
98	144	Sandstone and mudstone interbeds.	
144	146	Coal	
146	199	Siltstone, some mudstone.	
199	251	Mostly sandstone, some siltstone.	
251	253	Coal.	
253	284	Mudstone and some thin sandstone beds.	
284	286.5	Shaly coal	
<del>286.5</del>	<del>286.5</del>		
286.5	299	Mudstone.	
299	367.5	Siltstone and sandstone interbeds.	
367.5	372.5	Coal.	
372.5	426.5	Sandstone, with thin siltstone bands.	
426.5	429	Coal.	

Core Size

Hole No. RH 339

Page 1 OF 2

40 Scale

Color Plot & Dips

Ore Classes & Aver.

0

# Diamond Drill Geological Log



40 Scale

Objective:

Sampled:

Color Plot & Dips

Ore Classes & Aver.

Logged By:

Date:

Composites:

Block:

Sect.:

Place:

App. Bear:

App. Dip.:

Length:

From

To

Discard:

Reason:

429 460 Sandstone.

460 469 Mudstone.

469 479 Sandstone.

479 486.5 Mudstone.

486.5 520.5 Coal with thin mudstone bands at 491', 506' & 514'. Seam-15

520.5 535 Mudstone.

End of hole at 535'

July 2, 1974

Core Size

Hole No. RH 339

Page 2 OF 2

COMPOSITE REQUESTED JUL 27 1949  
 PROX. ANALYSIS + % S & FSI

\* Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH339

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
487	489		6623		2		24.9			6 1/2		RADIATION LOG
489	491		6624		2		26.4			7		480.5 - 520.5'
491	493		6625		2		8.9			7		
493	495		6626		2		12.9			7 1/2		Calc. Hypo.
495	497		6627		2		11.7			6 1/2		497 - 521
497	499		6628		2		8.3			4 1/2		= 17.48% Ash
499	501		6629		2		13.4			8		
501	503	SEAM - 15	6630		2		8.5			7		
503	505	* 6623 - 6629 inclusive.	6631		2		7.5			7		
505	507		6632		2		27.1			3 1/2		
507	509		6633		2		5.7			6		
509	511		6634		2		3.5			6		
511	513		6635		2		16.0			5		
513	515		6636		2		28.4			4 1/2		
515	517	C & S	6637		2		26.6			6		
517	519	C & S	6638		2		17.5			7 1/2		
519	521	C & S	6639		2		49.8 <sup>*?</sup>			3 1/2		Good Coal : Rad. Log.

COMPOSITE 6623-39

34 0'8"

17.5

29.4 52.3

7

0.24



DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
521	523	C & S	6640		2		68.1			1		
523	525	C & S	6641		2		69.6			1		



PROX. ANALYSIS, % S & FSI  
 COMPOSITE REQUESTED AUG '16, '74

\* WEIGHT BY THE FOOTAGES REPRESENTED.

DIAMOND DRILL SAMPLING RECORD

RH 340

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
371	373		6642		2		43.0			1		RADIATION LOG
373	375		6643		2		2.4			7		36.9-401 (32)
375	377		6644		2		4.7			6 1/2		
377	379		6645		2		9.3			7		
379	381		6646		2		24.7			7		
381	383		6647		2		3.1			7		
383	385		6648		2		6.0			4		CALC. AVE. ASH
385	387	COMPOSITE	6649		2		4.2			8		9.0 %
387	389	# 6643-50, 6726-32 Inclusive	6650		2		1.7			9		
389	391		6726		2		4.4			7		
391	393		6727		2		4.8			8 1/2		
393	395		6728		2		11.4			8 1/2		
395	397		6729		2		17.7			8		
397	399		6730		2		6.2			8 1/2		GOOD CAL. RAD LOG
399	401		6731		2		25.1			7 1/2		GOOD CAL. RAD LOG
401	403		6732		2		10.0			8		
403	405		6733		2		47.0			2		

COMPOSITE 6643-6732 30' 0.5 9.4 32.9 57.2 7 1/2 0.27

# Diamond Drill Geological Log



K-FARROW 74(3)C-2

Objective: TO DETERMINE THE LOCATION AND THICKNESS OF SEAM -

Sampled:

Logged By: R.K.

Date: July 9, 1974

Composites:

Block:

Sect.:

Place:

App. Bear:

App. Dip.:

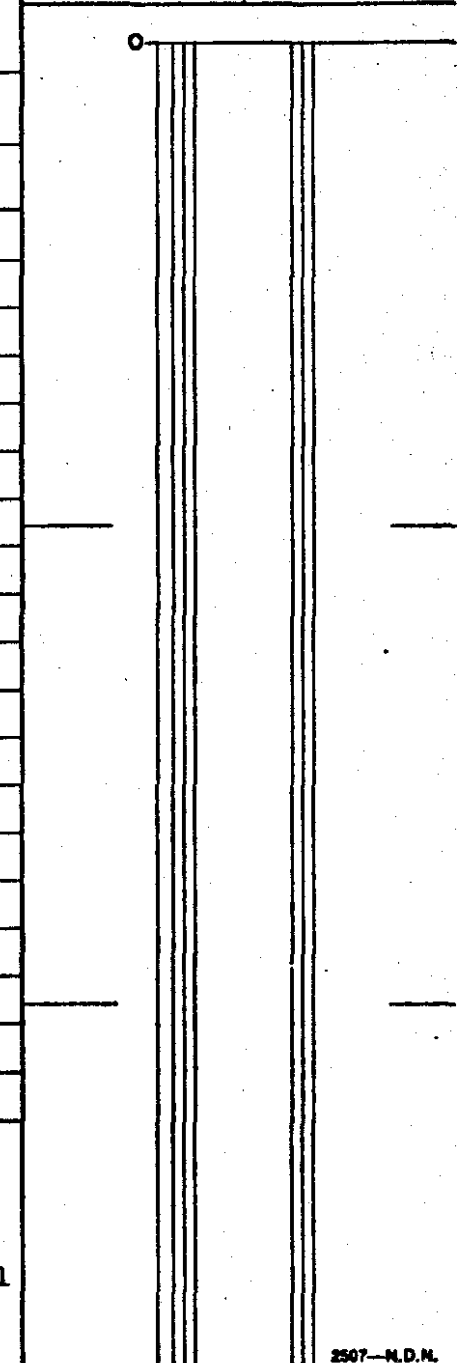
Length:

40 Scale

Color Plot & Dips

Ore Classes & Aver.

From	To	Discard:	Reason:
0	15	Casing.	INTERSECTIONS TAKEN FROM RADIATION LOG
15	34	Siltstone, some sandstone.	
34	98	Mudstone and siltstone interbeds.	
98	129	Sandstone.	
129	175	Mudstone and several siltstone interbeds.	
175	251	Siltstone and sandstone interbeds.	
251	341	Sandstone.	
341	371	Coal with thin mudstone bands at 349' & 363'.	Seam-15
371	402	Mudstone.	
402	406	Coal.	
406	430	Mudstone with sandstone band at 408'.	
		End of hole at 430'	
		July 7, 1974	



Core Size

Hole No. RH 341

Page 1 OF 1

COMPOSITE REQUESTED. JUL 29/74.

PROX. ANALYSIS + %  $\pm$   $\bar{x}$  FSI

\* Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 341

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
342	344		6734		2		25.3			3		RADIATION LOG.
344	346		6735		2		6.0			8 1/2		341-371'
346	348		6736		2		8.8			8 1/2		Calc. Pipe.
348	350		6737		2		26.9			6 1/2		342-372 = 11.1' H
350	352		6738		2		6.0			7		
352	354		6739		2		6.1			8 1/2		
354	356	SEAM-15	6740		2		5.6			8 1/2		
356	358	COMPOSITE	6741		2		3.0			8		
358	360	# 6734-48 inclusive	6742		2		9.3			5		
360	362		6743		2		6.9			7 1/2		
362	364		6744		2		14.3			7		
364	366		6745		2		13.2			8		
366	368		6746		2		5.8			7 1/2		
368	370		6747		2		4.0			8		
370	372	C & S	6748		2		25.1			6 1/2		
		COMPOSITE	6734-48		30	0.9	10.8	31.7	50.6	7 1/2	0.14	

# Diamond Drill Geological Log



K-FORING 74(3)C-2

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM -15

Sampled:

Logged By: R. K.

Date: JULY 17, 1974

Composites:

40 Scale

Color Plot & Dips

Ore Classes & Aver.

Block: Sect.: Place: App. Bear: App.: Dip.: Length: 400'

From	To	Discard:	Reason:
INTERSECTIONS TAKEN FROM RADIATION LOG.			
0	15	Casing.	
15	70	Mudstone, some siltstone.	
70	108	Sandstone.	
108	141	Mudstone.	
141	169	Sandstone.	
169	290	Mostly mudstone, several siltstone interbeds, coal stringers at 216' & 260'.	
290	349	Sandstone.	
349	359	Mudstone.	
359	389	Coal with thin mudstone bands at 367' and 379'. Seam-15	30'
389	400	Mudstone.	
End of hole at 400'			
July 9, 1974			

Core Size

Hole No. RH 342

Page 1

COMPOSITE REQUESTED JUL 29/74

PROXI. ANALYSIS + %S + FSI

\* Weight by footages represented.

DIAMOND DRILL SAMPLING RECORD

RH342

Also 10 lb. composite requested July 31  
for Formed Coke Test.

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
360	362		6649		2		10.3			6 1/2		RADIATION LOG
362	364		6650		2		5.3			8 1/2		359-389
364	366		6651		2		2.7			7		Calc. H <sub>2</sub> O
366	368		6652		2		14.4			7		362-390 = 12.3% Ash.
368	370		6653		2		31.8			6 1/2		
370	372		6654		2		33.8			8 1/2		
372	374		6655		2		2.6			8		
374	376	SEAM - 15	6656		2		3.6			8		
376	378	COMPOSITE	6657		2		4.7			7		
378	380	#6749-6663 Inclusive	6658		2		22.3			7		
380	382		6659		2		11.5			7		
382	384		6660		2		20.2			7		
384	386		6661		2		3.2			8		
386	388		6662		2		9.1			8		
388	390		6663		2		4.4			6		#6663 P <sub>2</sub> O <sub>5</sub> - 0.19
		COMPOSITE	6749-63		30	0.8	11.5	31.0	56.7	7 1/2	0.22	
		COMPOSITE	P <sub>2</sub> O <sub>5</sub> ANALYSIS				0.04%					

# Diamond Drill Geological Log



K. FAROING 74(3) C-2

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-15

Sampled:

**317**

Logged By: R. K.

Date: JULY 17, 1974

Composites:

Block: Sect: Place: EAGLE MIN. WEST FACE App. Bear: App. Dip: Length: 502'

From	To	Discard:	Reason:
			FOR 0-498' INTERSECTIONS TAKEN FROM RADIATION LOG.
0	15	Casing.	
15	165	Mostly mudstone, several siltstone interbeds, coal stringers at 42', 158' & 106'	
165	201	Sandstone.	
201	280	Mostly mudstone, some siltstone.	
280	349	Sandstone and siltstone interbeds.	
349	352	Coal.	
352	449	Sandstone, several mudstone interbeds.	
449	453	Mudstone.	
453	484	Coal with thin mudstone bands at 461' & 477'	Seam-15 31'
484	495	Mudstone.	
495	500	Coal.	
500	502	Mudstone.	
End of hole at 502'			
July 11, 1974			
Core Size			
Hole No. RH 343			
Page I OF I			

40 Scale

Color Plot & Dips

Ore Classes & Aver.

0



P.A. , % S  $\frac{1}{4}$  F.S.I.

Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 343

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
454	456		6664		2		28.0			2		RADIATION LOG
456	458		6665		2		14.5			6 1/2		453-484 (3)
458	460		6666		2		6.8			8		
460	462		6667		2		22.4			7		
462	464		6668		2		47.4			3 1/2		
464	466		6669		2		3.0			7 1/2		
466	468		6670		2		8.0			8 1/2		CALC. AVE. ASH
468	470	COMPOSITE	6671		2		6.0			7 1/2		14.4%
470	472	# 6669-75, 6752-54 Inclusive	6672		2		12.4			5 1/2		
472	474		6673		2		5.7			7 1/2		
474	476		6674		2		11.3			7		
476	478		6675		2		24.5			7		
478	480		6752		2		2.7			8		
480	482		6753		2		10.0			8		
482	484		6754		2		13.4			7		
484	486		6755		2		58.4			1		
COMPOSITE 6664-6754					30'	0.5	14.8	30.4	54.3	7	0.41	

# Diamond Drill Geological Log



K-FROENG 74(3)C-2

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-15

Sampled:

**317**

Logged By: R. K.

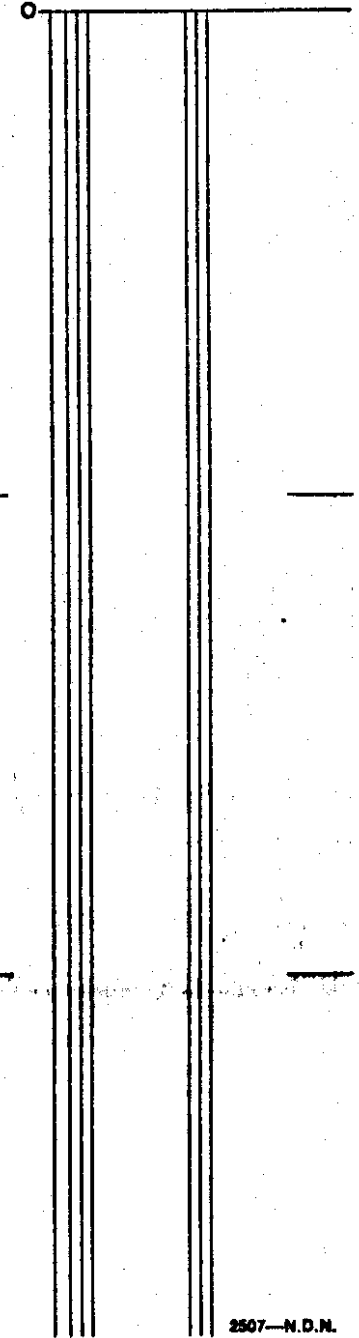
Date: JULY 17, 1974

Composites:

Block: Sect.: Place: **EAGLE MIN. WEST FACE** App. Bear: App. Dip.: Length: **490'**

From	To	Discard:	Reason:
			<b>INTERSECTIONS TAKEN FROM RADIATION LOG.</b>
0	15	Casing.	
15	29	Sandstone.	
29	63	Siltstone and sandstone interbeds.	
63	66	Coal.	
66	159	Mudstone and siltstone interbeds 3' coal band at 115'.	
159	218	Sandstone, with several mudstone interbeds.	
218	306	Siltstone and sandstone interbeds.	
306	445.5	Mostly sandstone, several mudstone interbeds, coal stringers at 328' & 342'.	
445.5	476	Coal, with thin mudstone bands at 453' & 468' Seam-15 30.5'	
476	490	Mudstone.	
		End of hole at 490	
		July 14, 1974	

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.



Core Size  
Hole No. **RH 344** Page **I** OF **I**

COMPOSITE REQUESTED. AUG 16, 74

P.A., % S & FSI

Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH-344

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
446	448	C & S.	6756		2		2.0			8 1/2		RADIATION LD
448	450	Sample Excluded from X	6757		2		38.4			6		445.5-476 (30)
450	452	Composite	6758		2		5.3			8		
452	454		6759		2		9.8			8 1/2		
454	456		6760		2		6.7			9		
456	458		6761		2		47.2			4 1/2		CALC. AVE ASH
458	460		6762		2		9.1			3		14.3 %
460	462	COMPOSITE	6763		2		6.4			8 1/2		
462	464	# 6756 and # 6758-71	6764		2		8.7			8		
464	466	(DO NOT INCLUDE # 6757)	6765		2		21.7			7		
466	468		6766		2		7.8			7 1/2		
468	470		6767		2		5.1			7		
470	472		6768		2		6.1			8 1/2		
472	474		6769		2		33.1			8 1/2		
474	476		6770		2		12.1			8 1/2		
476	478	C & S	6771		2		33.7			6		
COMPOSITE					30'	0.5	14.2	31.3	54.0	7 1/2	0.34	

# Diamond Drill Geological Log



K-FORGING 74(3)C-2

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-15

Sampled:

**317**

Logged By: RK

Date: August 1, 1974

Composites:

Block:

Sect.:

Place:

App. Bear:

App. Dip.:

Length:

EAGLE MTN. WEST FACE

425'

From	To	Discard:	Reason:
			INTERSECTIONS TAKEN FROM RADIATION LOG.
0	6	Casing.	
6	20	Sandstone.	
20	95	Mudstone, coal stringers at 52'.	
95	143	Sandstone.	
143	228	Mudstone, with several siltstone bands near bottom.	
228	246	Sandstone.	
246	257	Mudstone.	
257	261	Coal.	
261	315	Mudstone and siltstone interbeds.	
315	318	Coal.	
318	384	Siltstone and sandstone interbeds.	
384	410	Coal 26' SEAM-15	
410	418	Mudstone.	
418	425	Sandstone.	
		End of hole at 425'	
		July 20, 1974	

40 Scale

Color Plot & Dips

Ore Classes & Aver.

0

Core Size

Hole No. RH 345

Page 10F1

COMPOSITES REQUESTED. AUG. 1, 14

PROX. ANALYSIS, %S & FSI

\* Weight by footages represented

DIAMOND DRILL SAMPLING RECORD

RH 345

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS RADIATION LOG
314	316	COMPOSITE	6772		2		10.4			7 1/2		315-318
316	318		# 6772 & 73	6773		2		4.8		7 1/2		
318	320	C & S	COMPOSITE 6772-73 6774		4 2	0.8	7.6 66.7	32.1	59.5	8 1	0.79	CALC. AVE. - 14.8% (325'-411')
385	387		6701		2		25.0			6 1/2		RADIATION LOG
387	389		6702		2		11.2			7 1/2		384-410'
389	391		6703		2		8.8			7 1/2		
391	393	SEAM - 15	6704		2		8.1			8 1/2		
393	395	COMPOSITE	6705		2		6.4			7		
395	397	# 6701 - 6713 inclusive	6706		2		22.0			3		
397	399		6707		2		5.8			7		
399	401		6708		2		5.4			8 1/2		CALC. AVE. ASH
401	403		6709		2		27.0			7		14.8%
403	405		6710		2		21.1			7		
405	407		6711		2		7.1			7 1/2		
407	409		6712		2		3.2			8 1/2		

COND.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
409	411		6713		2		41.3			2 1/2		RAD LOG - GOOD COAL
411	413		6714		2		59.5			1		
413	414		6715		1		62.5			1		
		SEAM-15	COMPOSITE 6701-13		26	0.8	14.3	30.3	54.6	7	0.31	

# Diamond Drill Geological Log



K-FOROWK-74(3)C-2

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-15

Sampled:

**317**

Logged By: RK

Date: August 1, 1974

Composites:

Block:

Sect.:

Place:

EAGLE MTN. WEST FACE

App. Betr.:

App.: Dip.:

Length:

486'

From To

Discard:

Reason:

FOR 0-473' INTERSECTIONS TAKEN FROM RADIATION LOG.

0 15

Casing.

15 53

Mudstone.

53 67

Sandstone.

67 138

Mudstone, with thin coal bands at 96' & 99'

138 185

Sandstone.

185 285

Mudstone and siltstone interbeds.

285 430

Mostly sandstone, several mudstone interbeds.

430 441

Mudstone.

441 468

Coal 27', with thin mudstone bands at 445 & 460' SEAM-15

468 473.5

Mudstone.

473.5 478.5

Coal or highly carbonaceous shale.

478.5 486

Mudstone.

End of hole at 486'

July 22, 1974

40 Scale

Color Plot & Dips

Ore Classes & Aver.

Core Size

Hole No. RH 346

Page 10F1

COMPOSITE REQUESTED. AUG. 16, 74

P.A., %S & FSI.

Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH346

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
442	444		6716		2		5.6			8		RADIATION LOW
444	446	C&S	6717		2		17.4			7 1/2		441-463
446	448	C&S	6718		2		17.5			6 1/2		
448	450		6719		2		7.7			7 1/2		
450	452		6720		2		4.1			8		
452	454	C&S	6721		2		4.6			8		
454	456	COMPOSITE	6722		2		10.2			1 1/2		
456	458	# 6716-78 Inclusive.	6723		2		4.9			8		CALC. AVE ASH
458	460		6724		2		9.7			7 1/2		11.0 %
460	462		6725		2		27.6			6 1/2		
462	464		6776		2		7.8			8		
464	466		6777		2		9.0			8		
466	468		6778		2		16.3			7		
468	470		6779		2		62.6			1 1/2		
470	472		6780		2		67.7			0		
4		COMPOSITE 6716-78			26'	0.5	11.1	31.6	56.8	7 1/2		0.35



# Diamond Drill Geological Log



K-FORDINS 74(3)C-2

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-15

Sampled:

**317**

Logged By: RK

Date: August 1, 1974

Composites:

Block:

Sect.:

Place:

EAGLE MTN WEST FACE

App. Bear:

App. Dip.:

Length:

453'

From To Discard: Reason:  
0-439' INTERVALS TAKEN FROM RADIATION LOG.

0	6	Casing.
6	100	Mudstone.
100	106	Coal with thin mudstone bands at 102'
106	164	Mudstone, grading into siltstone near bottom.
164	192	Sandstone.
192	294	Mudstone.
294	318	Mudstone and siltstone interbeds.
318	345	Sandstone with occasional siltstone laminations.
345	378	Siltstone, with thin mudstone bands.
378	404	Sandstone with thin mudstone bands.
404	412.5	Mudstone.
412.5	437	Coal 24.5 with thin mudstone bands at 416' & 430'. SEAM-1;
437	453	Mudstone.

End of hole at 453'

July 24' 74

Core Size

Hole No.

RH 347

Page

10F1

40 Scale

Color Plot & Dips

Ore Classes & Aver.

COMPOSITES REQUESTED AUG 16 '74

P.A. 10.5% FSI.

Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 347

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
415	417		6781		2		27.8			5		RADIATION LOG
417	419		6782		2		35.6			5		412.5 - 437 (24.5)
419	421		6783		2		31.0			5 1/2		
421	423		6784	COMPOSITE	2	0.4	31.2	27.1	41.0	4	0.37	
423	425	#1 COMPOSITE # 6781-83	6785		2		5.6			7 1/2		
425	427		6786		2		7.8			4 1/2		CALC. AVE. ASH
427	429	#2 COMPOSITE # 6781-92	6787		2		11.8			7 1/2		16.63%
429	431		6788		2		16.1			7		
431	433		6789		2		21.2			6		
433	435		6790		2		10.2			7		
435	437		6791		2		7.6			7 1/2		
437	439	C.C.S.	6792		2		15.6			7		
439	441	SHALE & COAL STRINGERS	6793		2		80.7			0		
		COMPOSITE	6781-92		24	0.5	17.0	29.8	52.7	7	0.32	

# Diamond Drill Geological Log



K-FORING 74(3)C-2

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-15

Sampled:

**317**

Logged By: RK

Date: August 1, 1974

Composites:

Block:

Sect.:

Place:

EAGLE MIN. WEST FACE

App. Bear.:

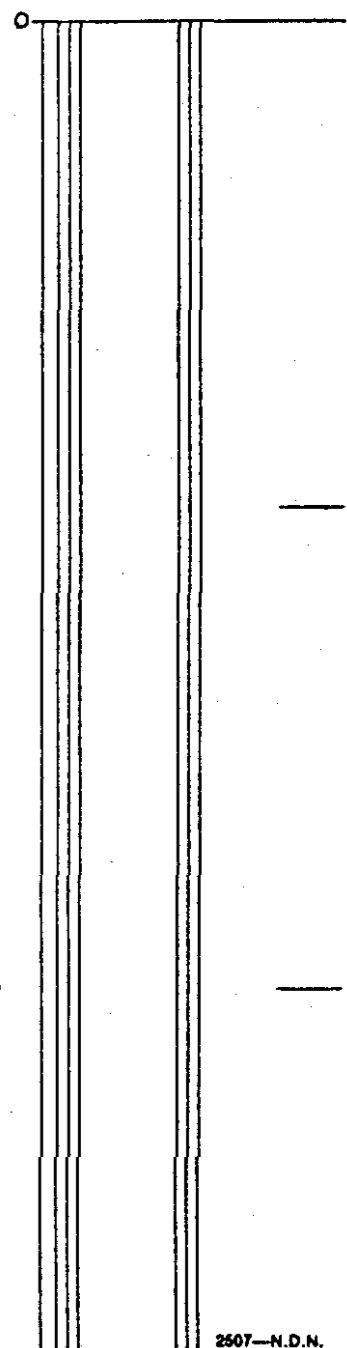
App.: Dip.:

Length:

432'

From	To	Discard:	Reason:
0	15	Casing.	
15	112	Mudstone with several siltstone interbeds.	
112	161	Sandstone siltstone beds at 126'.	
161	240	Mudstone.	
240	252	Sandstone.	
252	384	Mudstone and sandstone interbeds, coal stringers 261'	
384	396	Mudstone.	
396	419	Coal 23' with thin mudstone band at 412'	SEAM-15
419	432	Mudstone.	
		End of hole at 432'	
		July 26, 1974	

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.



Core Size

Hole No. RH 348

Page 10F1

COMPOSITE REQUESTED: AUG. 16 '74.

P.A., %S,  $\frac{1}{4}$  FSI

Weight by footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 348

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
396	398		6794		2		18.0			4 1/2		RADIATION LOG
398	400		6795		2		6.7			8		396-419'
400	402		6796		2		12.3			7		
402	404		6797		2		7.8			7		
404	406	COMPOSITE	6798		2		23.3			1		
406	408	6794-6803 inclusive.	6799		2		9.5			7		CALC. AVE. ASH
408	410		6800		2		27.5			6 1/2		1384%
410	412		6801		2		6.5			8		
412	414		6802		2		7.0			7 1/2		
414	416		6803		2		19.8			7 1/2		
416	418		6804		2		43.7			4 1/2		
418	420		6805		2		57.5			1		
420	422		6806		2		55.1			1 1/2		
422	424		6807		2		57.6			1		
		SEAM-15 SEAM COMPOSITE	6794-6803		30	0.4	13.7	25.7 <sup>2</sup>	56.7	7 1/2	0.33	

# Diamond Drill Geological Log



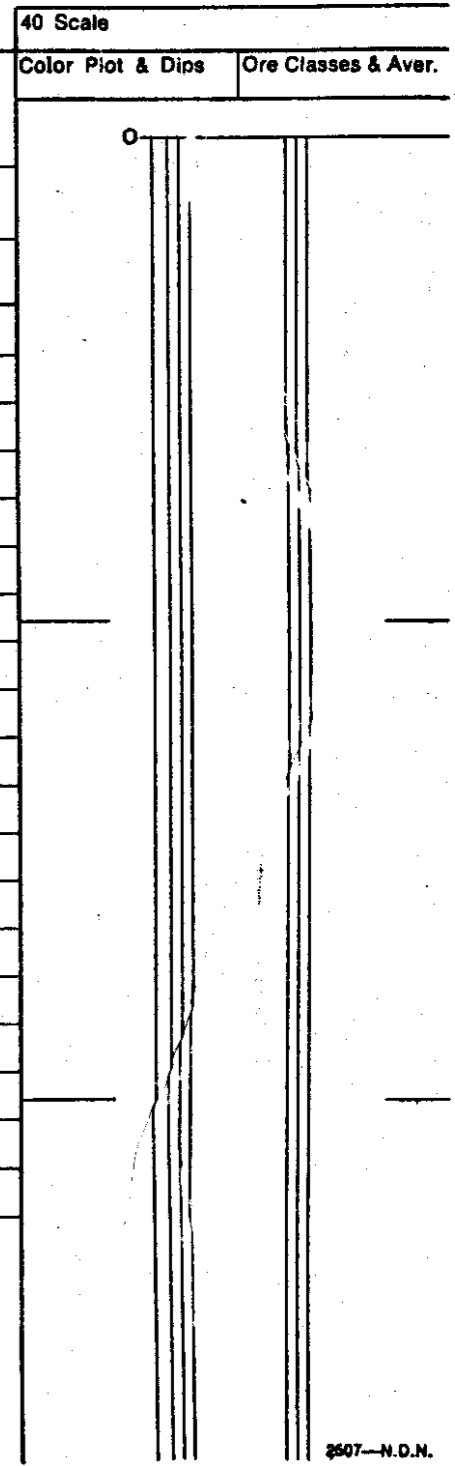
K- FORDING 74(3)C-2

Objective:		Sampled:		<b>317</b>	
Logged By: RK		Date: AUGUST 26, 1974			
Block:	Sect.:	Place:	App. Bear:	App. Dip.:	Length:
		EAGLE MIN.			

From	To	Discard: Reason:
INTERSECTIONS TAKEN FROM RADIATION LOG.		
0	12	Casing.
12	19	Mudstone.
19	29.5	Coal 10.5'
29.5	32	Mudstone.
32	34	Coal 2'
34	63	Mudstone and siltstone interbeds.
63	72	Shaley coal and shale.
72	76	Mudstone.
76	141	Siltstone, several mudstone interbeds.
141	149	Sandstone.
149	186	Mudstone and siltstone.
186	238	Sandstone.
238	283	Mudstone and siltstone interbeds.
283	353	Sandstone.
353	362	Mudstone.
362	390	Coal 28' SEAM-4
390	420	Mostly mudstone, some siltstone.
420	500	Interbedded sandstone and mudstone.

End of hole at 500'	Core Size
AUGUST 13, 1974	

Hole No. RH 349	Page 10F1
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COMPOSITES REQUESTED. 2/17/54  
 P.A., 0.5 & FSI.  
 Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD  
 RH 349

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S.	REMARKS
23	25		6936		2		21.4			6		
25	27		6937		2		16.1			5		
27	29	COMPOSITE #1 - 6936-38	6938		2		28.5			3		
29	31		6939		2	0.6	22.5	22.4	54.5	3 1/2	0.87	
31	33	COMPOSITE #2 6941-42	6940		2		46.9			6		
33	35		6941		2		34.4			7		
35	37	COMPOSITE #3 6936-42	6942		2		34.6			6 1/2		
			6943		4	0.6	34.6	20.5	44.3	4	0.93	
		#3 COMPOSITE			14	0.6	33.6	19.7	46.1	5	0.81	
64	66		6943		2		68.0			0		
66	68		6944		2		29.8			6 1/2		
68	70		6945		2		42.3			3		
70	72		6946		2		46.3			5		
73	75		6947		2		56.0			3		
351	353		6948		2		61.0			1/2		
358	360		6949		2		45.3			1/2		
360	362		6950		2		9.5			5 1/2		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
362	364		6917		2		7.9			6 1/2		
364	366		6918		2		9.7			1/2		
366	368		6919		2		9.9			2 1/2		
368	370	COMPOSITE SEAM - A	6920		2		30.1			2 1/2		
370	372	6950, 6917-25, 6951-52	6921		2		14.5			4 1/2		
372	374		6922		2		24.5			2 1/2		
374	376		6923		2		7.1			3 1/2		
376	378		6924		2		12.0			3 1/2		
378	380		6925		2		11.7			1 1/2		
380	382		6951		2		19.1			2		
382	384		6952		2		16.7			5 1/2		
384	386		6953		2		73.8			1/2		
		COMPOSITE			24	C.G.	14.7	21.3	63.4	2	0.58	
408	410		6954		2		46.8			1 1/2		

# Diamond Drill Geological Log



**317**

40 Scale

Objective:

Sampled:

Logged By: RK

Date: AUGUST 26, 1974

Composites:

Block:

Sect:

Place:

App. Bear:

App.: Dip.:

Length:

EAGLE MTN.

From

To

Discard:

Reason:

INTERSECTIONS TAKEN FROM RADIATION LOG.

0	11	Overburden.
11	32	Mostly siltstone, some sandstone.
32	71	Sandstone.
71	81.5	Mudstone.
81.5	104	Coal 22.5' SEAM-4
104	180	Mostly mudstone, several sandstone bands.
180	397	Mostly sandstone, some siltstone.
397	457	Coarse grain sandstone.
457	498	Sandstone.

End of hole at 498'

AUGUST 16, 1974

Core Size

Hole No. RH 350

Page 10F1



COMPOSITE REQUESTED. OCT. 11 '74  
 P.A. C.S. & FSI.  
 Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD  
RH 350A

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
68	70		7370		2		55.4			1/2		
70	72		7371		2		71.8			1/2		
72	74		7372		2		85.5			0		
74	76		7373		2		34.1			1		
76	78		7374		2		13.7			5		
78	80		7375		2		13.3			7		
80	82		7376		2		10.6			6		
82	84	COMPOSITE	7377		2		19.7			6 1/2		
84	86	# 7373-75 & 7376-82	7378		2		12.6			6 1/2		
86	88		7379		2		18.1			3		
88	90		7380		2		8.8			2		
90	92		7381		2		11.2			4 1/2		
92	94		7382		2		12.0			6		
94	96	C.S.	7383		2		63.8			1		
		COMPOSITE			20	0.7	15.6	22.0	61.7	3 1/2	0.37	

# Diamond Drill Geological Log



K-FAR01NG 74(3)C-2

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_  
 Logged By: RK Date: AUGUST 26, 1974 Composites: \_\_\_\_\_

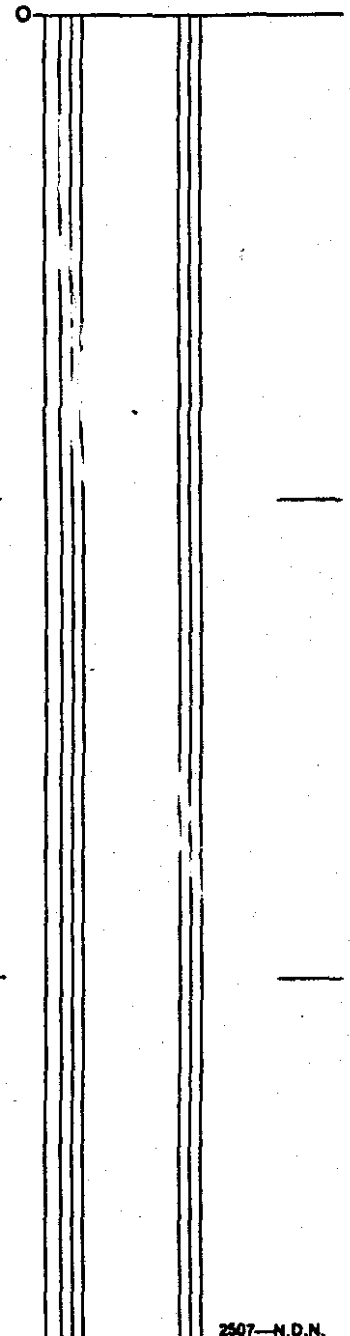
Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: \_\_\_\_\_ App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: \_\_\_\_\_

From	To	Discard:	Reason:
INTERSECTIONS TAKEN FROM RADIATION LOG.			
0	5		Casing.
5	22		Broken shale, some clay near surface. (Overburden?)
22	72		Mostly mudstone several silty sandstone bands.
72	102		Coal 30' (85-88' shaley) SEAM-12
102	142		Mudstone, some siltstone.
142	162.5		Coal 20.5' SEAM-11 upper
162.5	217		Mudstone, grading to siltstone.
217	228		Coal 11' SEAM-11
228	244		Mudstone.
244	310		Mostly sandstone, occasional siltstone interbeds, coal band 303-306', 3'
310	315		Mudstone.
315	336.5		Coal 21.5' SEAM-9
336.5	351		Mudstone and siltstone.
351	355.5		Coal 4.5' SEAM-8
355.5	448		Siltstone and silty sandstone, two feet coal band at 415'
448	459		Sandstone.
459	484		Siltstone and mudstone.
484	489		Sandstone.

End of hole at 489'  
 AUGUST 18, 1974

Core Size \_\_\_\_\_  
 Hole No. RH 351 Page 10F1

40 Scale  
 Color Plot & Dips  
 Ore Classes & Aver.



COMPOSITE REPRESENTED BY

P.A., O/S & F&I

Weights by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 351

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
72	74		6955		2		9.9			8 1/2		
74	76		6956		2		10.4			8		
76	78		6957		2		9.2			8		
78	80		6958		2		5.6			8 1/2		
80	82		6959		2		5.2			8 1/2		
82	84	COMPOSITE	6960		2		8.6			7 1/2		
84	86	* 6955 - 69 Inclusive	6961		2		31.9			7		
86	88	C&S	6962		2		35.0			6		
88	90		6963		2		26.2			7 1/2		
90	92		6964		2		31.6			6 1/2		
92	94	C&S	6965		2		27.9			7		
94	96		6966		2		20.9			8		
96	98		6967		2		13.6			8		
98	100		6968		2		19.6			7 1/2		
100	102		6969		2		32.8			7		
102	104	COMPOSITE 6955-69	6970		30	0.6	19.0	24.1	56.3	7 1/2	0.68	
			6970		2		40.2			6		
104	106	C&S	6971		2		56.0			3 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FST	S.	REMARKS
106	108	C & S	6972		2		33.7			6 1/2		
143	145		6973		2		16.0			7 1/2		
145	147		6974		2		9.0			8 1/2		
147	149		6975		2		8.6			8		
149	151		7001		2		9.0			8		
151	153	COMPOSITE	7002		2		18.2			7 1/2		
153	155	# 6973 - 75, 7001 - 7	7003		2		13.7			7 1/2		
155	157		7004		2		32.6			7		
157	159		7005		2		33.6			7		
159	161		7006		2		36.0			6 1/2		
161	163		7007		2		19.6			7 1/2		
163	164		7008		1		54.4			4 1/2		
		COMPOSITE			20	0.7	19.9	2.3 C	56.4	8	0.65	
219	221		7009		2		8.8			8		
221	223	COMPOSITE * 7009 - 13 inclusive	7010		2		10.0			8 1/2		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
223	225		7011		2		11.0			8 1/2		
225	227		7012		2		5.3			8 1/2		
227	229		7013		2		39.0			6		
229	231		7014		2		73.9			1/2		
		COMPOSITE	7009-13		10	0.6	15.1	23.8	60.5	8	0.54	
304	306	C&S	7015		2		55.6			1		
306	308		7016		2		71.9			1/2		
315	317	C&S	7017		2		72.4			1/2		
317	319	C&S	COMPOSITE # 7018-19		2		32.5			6 1/2		
319	321	C&S	7019		2		38.0			3 1/2		
321	323	C&S	COMPOSITE		4	0.6	35.1	17.9	46.4	4 1/2	0.70	
			7020		2		32.4			4 1/2		
323	325		7021		2		17.9			6 1/2		
325	327		7022		2		5.2			8 1/2		
327	329	COMPOSITE	7023		2		15.3			7 1/2		
329	331	# 7020-23 inclusive	7024		2		6.1			7 1/2		
331	333		7025		2		12.5			7		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
333	335		7026		2		9.6			8		
335	337		7027		2		4.8			8		
337	339		7028		2		9.6			8		
		COMPOSITE			18	0.6	12.7	22.4	64.1	8	0.99	
355	357	COMPOSITE	7029		2		15.5			7		
357	359	C&S 7029-30	7030		2		41.6			6		
381	383	C&S COMPOSITE	7031		4	0.7	28.6	19.3	51.4	7	0.83	
			7031		2		50.3			3		
417	419	C&S	7032		2		12.8			7 1/2		
419	421	C&S	7033		2		50.3			4 1/2		

# Diamond Drill Geological Log



K-FACING 74(3)C-2

Objective:

Sampled:

Logged By: RK

Date: AUGUST 26, 1974

Composites:

317

Block:

Sect.:

Place:

App. Bear:

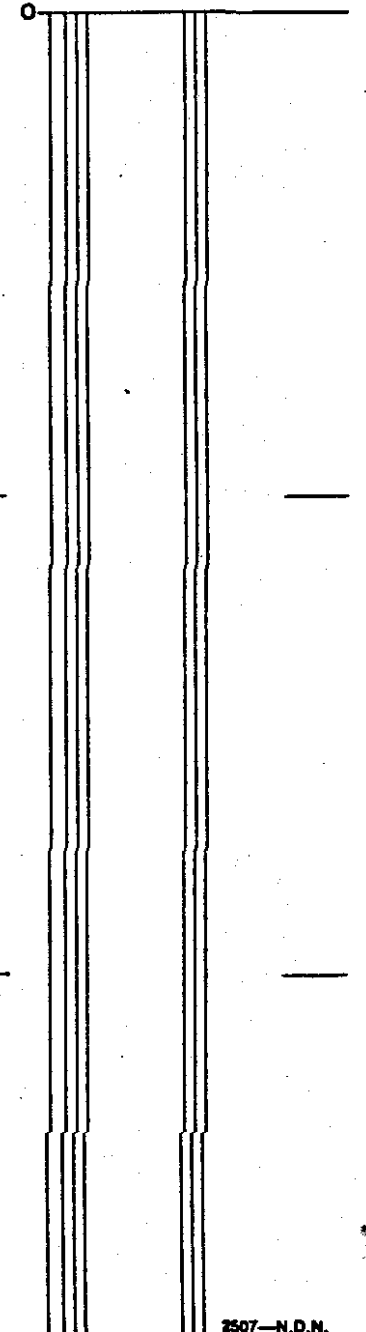
App. Dip.:

Length:

EAGLE MTN.

From	To	Discard:	Reason:
			INTERSECTIONS TAKEN FROM RADIATION LOG.
0	5		Overburden.
5	8		Mudstone.
8	118		Silty sandstone and siltstone, two feet Shaley Coal at 19'
118	128		Mudstone Two feet coal at 109'
128	130		Shaley coal.
130	143.5		Coal 13.5'
143.5	146.5		Shaley coal SEAM-13
146.5	150		Coal 3.5'
150	152.5		Shale.
152.5	158		Coal 5.5'
158	185		Sandstone and mudstone interbeds.
185	249.5		Sandstone.
249.5	265.5		Coal 16' SEAM-12
265.5	272		Mudstone.
272	275		Coal 3'
275	294		Sandstone.
294	308		Mudstone with thin siltstone band.
308	318		Coal 10' SEAM-11 upper
318	340		Mudstone grading to silty sandstone near bottom.
340	366.5		Sandstone.
366.5	380.5		Coal 14' SEAM-11
380.5	388		Mudstone.
388	427		Mostly sandstone some siltstone

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.



Core Size

Hole No.

RH 352

Page

10F2

# Diamond Drill Geological Log



Objective:

Sampled:

Logged By:

Date:

Composites:

Block:

Sect.:

Place:

App. Bear:

App.: Dip.:

Length:

From

To

Discard:

Reason:

427	430	Mudstone.
430	438	Coal 8'
438	455	Mudstone and siltstone interbeds.
455	500	Sandstone.

End of hole at 500'  
AUGUST 21, 1974

40 Scale

Color Plot & Dips

Ore Classes & Aver.

Core Size

Hole No. RH 352

Page 20F2



COMPOSITE REQUESTED, SEP, 3 '74

P.A., %S & FSI.

Weight by the footages represented

DIAMOND DRILL SAMPLING RECORD

RH352

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
108	110	COMPOSITE	7034		2		7.9			8		
110	112	7034-35	7035		2		14.2			8		
112	121	C&S COMPOSITE	7036		4	0.7	10.9	28.7	59.7	8 1/2	0.91	
					2		24.3			7 1/2		
126	128		7037		2		30.5			6		
128	130	C&S	7038		2		70.1			1		
130	132		7039		2		16.1			8		
132	134		7040		2		8.6			8 1/2		
134	136	COMPOSITE	7041		2		13.8			8		
136	138	7039-AA Inclusive.	7042		2		10.3			8 1/2		
138	140		7043		2		22.0			7 1/2		
140	142	C&S	7044		2		25.7			6 1/2		
142	144	C&S COMPOSITE	7045		12	0.6	16.0	28.0	55.4	8	1.02	
					2		48.2			4		
144	146		7046		2		59.4			1/2		
146	148		7047		2		26.7			7		
148	150		7048		2		37.5			5 1/2		
150	152	C&S	7049		2		56.4			3		
152	154	C&S	7050		2		47.3			3 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S.	REMARKS
154	156		7051		2		15.4			7		
156	158		7052		2		37.6			6 1/2		
172	174		7053		2		59.0			2 1/2		
249	251		7054		2		10.6			7 1/2		
251	253		7055		2		12.4			7 1/2		
253	255		7056		2		11.7			7		
255	257	COMPOSITE	7057		2		8.8			8		
257	259	* 7054-61 inclusive	7058		2		5.0			7 1/2		
259	261		7059		2		6.6			8		
261	263		7060		2		5.3			8 1/2		
263	264		7061		1		35.7			6		
		COMPOSITE			15	0.5	13.1	26.0	40.4	7 1/2	0.65	
273	275	C & S	7062		2		16.0			6 1/2		
300	302	S & C	7063		2		74.7			1/2		
302	304	S & C	7064		2		77.4			1/2		
307	309	C & S	7065		2		44.0			2 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS	
309	311	C&S	7066		2		14.8			7			
311	313	COMPOSITE		7067		2		19.0			6		
313	315	C&S		7068		2		28.8			6		
315	317	C&S	7069		6	0.5	20.8	24.7	54.0	6 1/2	0.67		
317	319	C&S		7070		2		55.0			4		
319	321	C&S	7071		2		20.0			0			
321	323	C&S	7072		2		64.1			1			
367	369	C&S	7073		2		15.7			7 1/2			
369	371	C&S		7074		2		10.0			7 1/2		
371	373	C&S		7075		2		7.6			7 1/2		
373	375	COMPOSITE	7076		2		10.7			8 1/2			
375	377	* 7073-75		7077		2		43.8			6		
377	379		7078		2		12.3			7 1/2			
379	381		7079		2		31.3			7			
		COMPOSITE			14	0.6	19.3	24.4	55.7	7 1/2	0.63		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S.	REMARKS
A31	A33		7080		2		5.7			8 1/2		
A33	A35	COMPOSITE	7081		2		29.0			6 1/2		
A35	A37	7080-8.7	7082		2		33.5			4		
		COMPOSITE			6	0.6	22.8	22.5	54'	7 1/2	0.5'	

# Diamond Drill Geological Log

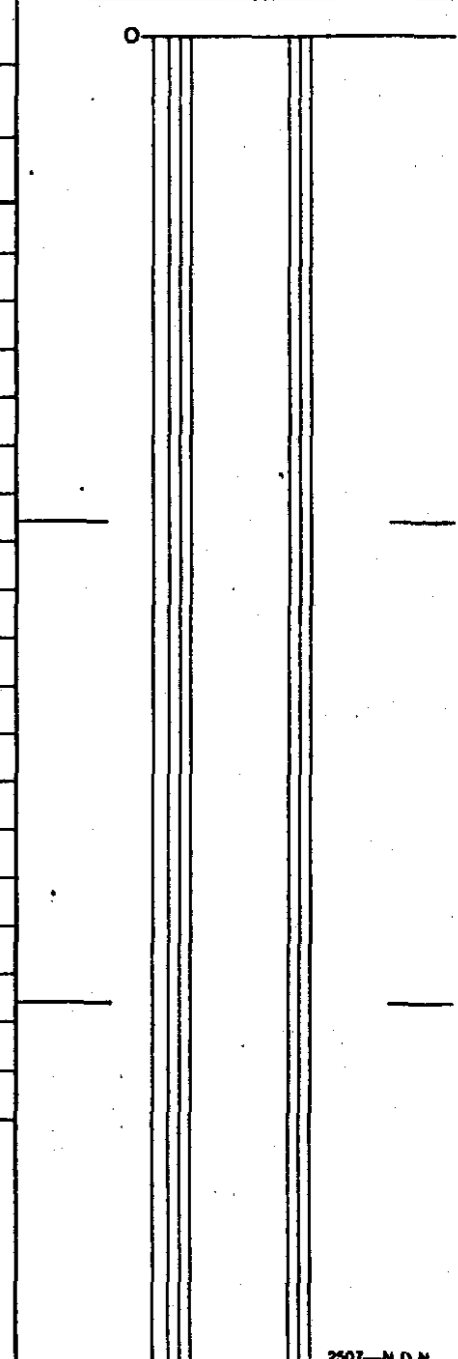


K-FORING 74(3)C-2

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_  
 Logged By: RK Date: SEPT. 5, 1974 Composites: \_\_\_\_\_  
 Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: EAGLE MTN. WEST FACE App. Bear: \_\_\_\_\_ App. Dip.: 900 Length: 259'

40 Scale  
 Color Plot & Dips  
 Ore Classes & Avar.

From	To	Discard:	Reason:
0	16	Casing (overburden 9' ?)	
16	91	Moslty mudstone, occasional coal stringers.	
91	94	Coal.	
94	96	Shaley Coal.	
96	199	Moslty sandstone, several thin mudstone interbeds.	
199	212	Mudstone and siltstone.	
212	237	Coal, 25' SEAM 15	
237	243	Mudstone. 6'	
243	248	Coal 5'	
248	259	Mudstone.	
End of hole at 259'			
August 22, 1974			
			Core Size
			Hole No. RH 353
			Page 10F1



COMPOSITE REQUESTED. SEP. 3 '74

P.A., 0/0 S & F.S.I.

Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 353

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
216	218		7083		2		23.2			7		RAD. LDG.
218	220		7084		2		58.0			1		212 - 237' (2)
220	222		7085		2		14.0			7 1/2		
222	224		7086		2		10.2			7 1/2		CALC. AVE. ASH
224	226	COMPOSITE #1.	7087		2		7.2			8 1/2		216-240' - 19.3
226	228	7083-94, inclusive.	7088		2		16.5			11 1/2		
228	230	COMPOSITE #2.	7089		2		24.3			5		
230	232	# 7085-94 inclusive	7090		2		5.6			7 1/2		
232	234	SEAM - 15	7091		2		36.2			6		
234	236		7092		2		16.8			7 1/2		
236	238		7093		2		11.0			7 1/2		
238	240		7094		2		8.8			8		
240	242		#2 COMPO. 7085-94 7095		20 2	0.7	15.2 50.4	27.3	54.8	7 1 1/2	0.24	
242	244		7096		2		64.5			1/2		
244	246	CES ↓	7097		2		45.8			3		
		COMPOSITE #1 (SEAM-15)			24	0.7	18.9	28.8	51.6	7	0.30	
248	250	COMPOSITE # 7099-99	7098		2		19.9			7		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
250	252		7099		2		18.9			7 1/2		
252	254	C&S	7100		2		71.0			112		
		COMPOSITE			4	0.7	19.0	26.4	53.9	7	0.50	

# Diamond Drill Geological Log



Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: **RK** Date: **SEPT. 5, 1974** Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: **EAGLE MTN. WEST FACE** App. Bear: \_\_\_\_\_ App.: Dip.: \_\_\_\_\_ Length: **272'**

From To Discard: Reason: **For 0-262' INTERSECTIONS TAKEN FROM RADIATION LOG.**

0	16	Casing (overburden 0-10?)
16	96	Mostly mudstone, several silty sandstone bands.
96	181	Interbedded sandstone and siltstone.
181	184	Coal 3'.
184	219	Interbedded sandstone and siltstone.
219	232	Mudstone.
232	257.5	Coal 25.5', with thin mudstone parting at 249.5' SEAM 15
257.5	272	Mudstone.

End of hole at 272'

August 23, 1974

Core Size

Hole No. **RH 354**

Page **1 OF 1**

40 Scale

Color Plot & Dips Ore Classes & Avar.



COMPOSITES REQUESTED SEP 5 '74

RA., % S & FSI

Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 354

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
181	183	COMPOSITE	7101		2		14.7			3		
183	185	* 7101-02	7102		2		7.7			3 1/2		
185	187	C&S COMPOSITE	7103		4 2	0.9	11.1 47.3	27.5	60.5	3 1 1/2	0.67	
231	233		7104		2		7.1			7		
233	235		7105		2		23.9			5		
235	237		7106		2		2.7			8 1/2		
237	239		7107		2		3.7			8 1/2		
239	241		7108		2		3.1			8 1/2		
241	243	COMPOSITE	7109		2		19.1			7		CALC. AVE ASH 13.2%
243	245	7104-16 Inclusive	7110		2		9.3			1 1/2		
245	247		7111		2		4.0			7 1/2		
247	249		7112		2		34.6			6		
249	251		7113		2		45.2			4		
251	253		7114		2		5.6			7 1/2		
253	255		7115		2		3.2			8		
255	257		7116		2		10.1			7 1/2		

SEAM-15

COMPOSITE.

26 0.5 13.0 28.4 58.1 7 0.34

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
257	259	CGS	7117		2		59.6			1		
259	261	CGS	7118		2		53.3			1		

# Diamond Drill Geological Log



K-FBROENG 74(3)C-2

Objective:

Sampled: 

Logged By: R.K.

Date: SEPT. 5, 1974

Composites:

Block:

Sect.:

Place: EAGLE Mtn. WEST FACE

App. Bear:

App.: Dip.:

Length: 218'

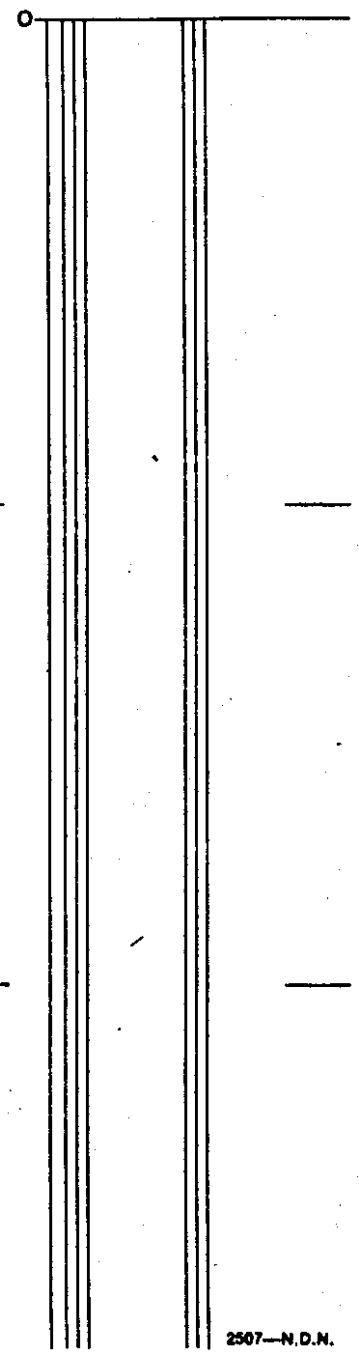
From To Discard: Reason: FOR 0-206' INTERSECTIONS TAKEN FROM RADIATION LOG.

From	To	Discard:	Reason:
0	16	Casing (overburden).	
16	58	Mudstone, several siltstone interbeds.	
58	62	Coal.	
62	166	Mostly sandstone, several siltstone and mudstone interbeds, 114-116' coal.	
166	183	Mudstone, some siltstone.	
183	207	Coal 24', with thin mudstone band at 199'	SEAM 15
207	218	Mudstone.	

End of hole at 218'

August 24, 1974

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.



Core Size

Hole No. RH 355

Page 10F1

COMPOSITE REQUESTED SAP 5'74

P.A. 1.5 & FSI

Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 355

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
183	185		7119		2	-	18.4			7		
185	187		7120		2		11.0			8		
187	189		7121		2		7.5			8		
189	191		7122		2		4.9			8		
191	193		7123		2		3.8			8		CALC. AVE ASH
193	195	SEAM - 15	7124		2		8.9			2 1/2		10.64%
195	197	COMPOSITE	7125		2		7.0			8 1/2		
197	199	7119-30 Inclusive	7126		2		7.6			8		
199	201		7127		2		30.7			6 1/2		
201	203		7128		2		9.4			7 1/2		
203	205		7129		2		4.4			8		
205	207		7130		2		14.1			7		
207	209	C & S	7131		2		52.8			1		
209	211	C & S	7132		2		58.7			1		
		COMPOSITE			24	0.6	10.4	29.7	59.3	7 1/2	0.42	

# Diamond Drill Geological Log



K-FORDING 74(3)C-2

Objective:

Sampled: 

Logged By: R.K.

Date:

Composites:

Block:

Sect.:

Place: EAGLE MIN.  
(UPPER CLODE)

App. Bear:

App.: Dip.:

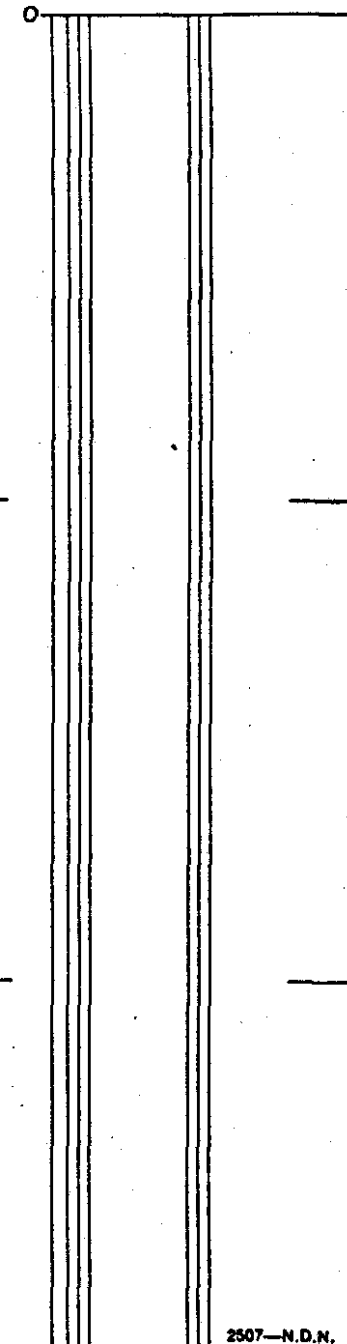
Length:

From To Discard: Reason: INTERSECTIONS TAKEN FROM RADIATION LOG.

0	15	Casing.
15	43	Mudstone.
43	101	Coal 58'.
101	189.5	Mosly mudstone, some siltstone, occasional sandstone bands.
189.5	193.5	Coal 4'.
193.5	197	Mudstone 3.5'.
197	210	Coal 13'.
210	332	Mudstone, with siltstone interbeds.
332	345.5	Sandstone and mudstone interbeds.
345.5	348.5	Coal 3'.
348.5	423	Mudstone and sandy siltstone interbeds.
423	434	Mudstone.
434	439.5	Coal 5.5'.
439.5	465	Mudstone.
465	540	Sandstone.
End of hole at 540'		
August 29, 1974		

40 Scale

Color Plot & Dips Ore Classes & Aver.



Core Size

Hole No. RH 356

Page 1 OF 1

COMPOSITES REQUESTED Oct. 11, 74.

P.A. FSI  $\frac{1}{2}$  % S.

Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 356

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
20	22		7133		2		63.6			1		
44	46		7134		2		20.9			2		
46	48		7135		2		16.8			4 1/2		
48	50		7136		2		18.4			5		
50	52		7137		2		19.2			3		
52	54		7138		2		14.5			3 1/2		
54	56		7139		2		14.7			3		
56	58		7140		2		12.1			8		
58	60		7141		2		9.8			1		
60	62	COMPOSITE	7142		2		10.1			7		
62	64	7134-50 & 7329-40	7143		2		14.5			2		
64	66		7144		2		9.7			7		
66	68		7145		2		8.7			5 1/2		
68	70		7146		2		15.3			1		
70	72		7147		2		7.8			2 1/2		
72	74		7148		2		12.7			6		
74	76		7149		2		8.4			1		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
76	78		7329		2		51.7			1		
78	80		7330		2		26.2			1		
80	82		7331		2		5.2			3		
82	84		7332		2		14.0			7		
84	86		7333		2		4.7			6 1/2		
86	88		7334		2		11.5			6 1/2		
88	90		7335		2		8.3			7 1/2		
90	92		7336		2		12.5			5		
92	94		7337		2		6.5			7		
94	96		7338		2		8.3			7		
96	98		7339		2		9.4			7		
98	100		7340		2		10.3			7		
100	102	C&S	7341		2		32.5			6 1/2		
		COMPOSITE			52'	0.6	13.0	21.0	64.6	4 1/2	0.43	
150	152	C&S	7342		2		82.3			0		
188	190	C&S	7343		2		68.8			0		
190	192	COMPOSITE 7343-44	7343		2		22.9			1 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
192	194		7344		2		22.5			3 1/2		
194	196	COMPOSITE 7343-AA	7345		4	0.5	22.9	18.7	57.9	2	0.5A	
196	198		7346		2		61.1			1 1/2		
198	200		7347		2		66.7			1		
200	202		7348		2		19.7			6		
202	204		7349		2		18.1			6 1/2		
204	206	COMPOSITE 7348-BZ	7350		2		29.3			2 1/2		
206	208		7151		2		19.3			2 1/2		
208	210		7152		2		26.3			7		
210	212	COMPOSITE	7153		10	0.4	22.1	19.1	58.4	5 1/2	0.49	
212	214		7154		2		47.4			3 1/2		
214	216	C&S	7155		2		67.4			1		
216	218	C&S	7156		2		77.5			1 1/2		
			7156		2		66.4			1		
220	222	C&S	7157		2		76.7			1/2		
232	234		7158		2		88.7			1/2		
234	236	C&S	7159		2		91.9			0		



DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
260	262	C & S	7160		2		70.0			0		
262	264	C & S	7161		2		71.9			1/2		
264	266	C & S	7162		2		38.2			6 1/2		
271	273	C & S	7163		2		77.3			0		
305	307	C & S	7164		2		51.8			1		
307	308	C & S	7165		1		59.1			1/2		
434	436	COMPOSITE # 7166-67	7166		2		17.5			2		
436	438		7167		2		26.7			2		
438	440	COMPOSITE	7168		4	0.6	18.5	18.4	0.25	2	0.58	
					2		63.4			1		
440	442	C & S	7169		2		93.3			0		
460	462	C & S	7170		2		83.3			0		
462	464	C & S	7171		2		88.9			0		
464	466	C & S	7172		2		93.2			0		

# Diamond Drill Geological Log



K-FORING 74 (3)C-2

Objective:

Sampled: 

Logged By: RK

Date: SEPT. 6, 1974

Composites:

Block:

Sect.:

Place: EAGLE MTN.  
(UPPER CLODE)

App. Bear:

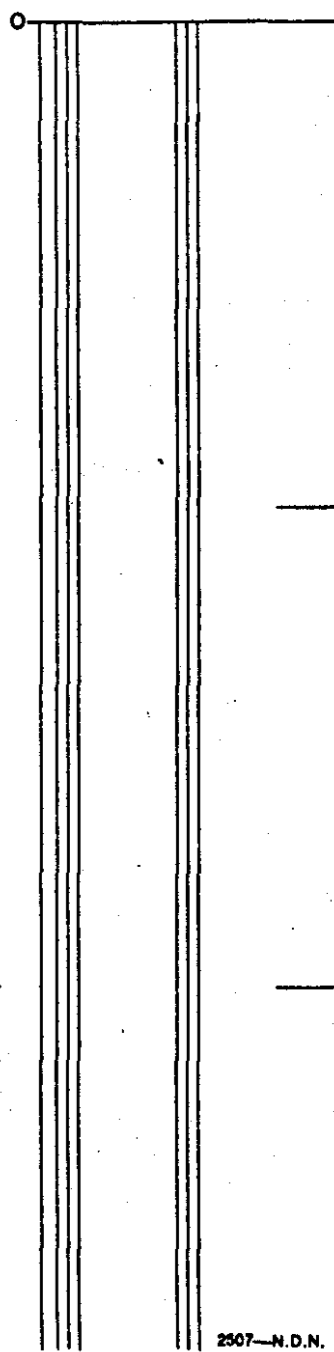
App. Dip.:

Length:

From To Discard: Reason: FOR 0-486' INTERSECTIONS TAKEN FROM RADIATION LOG.

0	15	Casing.
15	107	Mostly siltstone, some sandstone.
107	159	Sandstone.
159	161	Coal 2'.
161	239.5	Sandstone, thin mudstone band near bottom.
239.5	267	Coal 27.5.
267	290	Mudstone and silty sandstone.
290	295	Coal 5'.
295	312	Mudstone.
312	316	Coal 4'.
316	397	Mudstone, several siltstone interbeds.
397	453	Sandstone, several mudstone interbeds.
453	475	Mudstone.
475	503	Sandstone.
End of hole at 503'		
August 30, 1974		

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.



Core Size  
Hole No. RH 357  
Page 10F1

COMPOSITE REQUESTED OCT. 15 '74  
 P.A. , % S & FSI.  
 Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 357

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
41	43	C & S	7173		2		78.5			0		
44	46	C & S	7174		2		81.8			0		
46	48		7175		2		45.3			1		
48	50		7176		2		44.0			1		
50	52		7177		2		44.8			1		
71	73	C & S	7178		2		70.0			1		
73	75	C & S	7179		2		74.3			0		
160	162		7180		2		69.7			1/2		
162	164		7181		2		57.6			1		
164	166		7182		2		45.5			4 1/2		
241	243		7183		2		57.8			1/2		
243	245		7184		2		60.7			1/2		
245	247	COMPOSITE	7185		2		17.4			4 1/2		
247	249	# 7185-97 Inclusive	7186		2		16.2			4		

Contd.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
249	251		7187		2		8.7			7		
251	253		7188		2		15.5			7		
253	255		7189		2		8.3			2 1/2		
255	257		7190		2		16.9			7		
257	259		7191		2		17.3			4		
259	261	Sample Lost										
261	263		7193		2		8.8			6		
263	265		7194		2		11.7			3		
265	267		7195		2		11.3			5		
267	269		7196		2		19.1			2 1/2		
269	271		7197		2		30.0			4 1/2		
271	272		7198		1		87.8			0		
		COMPOSITE 7187-597			20	0.7	15.3	21.4	72.6	4 1/2	0.34	2' sample not include
293	295		7199		2		70.0			1/2		
295	297		7200		2		56.9			1/2		
297	299		7201		2		76.0			1/2		
299	301	CGS	7202		2		68.4			1		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
303	305	CES	7203		2		51.6			3		
312	314		7204		2		86.9			0		
314	316	CES	7205		2		81.4			0		
317	319		7206		2		52.8			1		
319	321		7207		2		23.5			7		
321	322		7208		1		89.1			0		
334	336		7209		2		66.2			1		
336	338		7210		2		88.4			0		
341	343	CES	7211		2		85.4			0		
343	345	CES	7212		2		84.3			0		
350	352	CES	7213		2		89.3			0		
352	354	CES	7214		2		65.0			1/2		
354	356	CES	7215		2		87.1			0		
356	358	CES	7216		2		93.7			0		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
358	360	C ½ S	7217		2		81.6			0		
360	362	C ½ S	7218		2		83.3			0		
362	364	C ½ S	7219		2		90.1			0		
368	370	C ½ S	7220		2		88.2			0		
370	372	C ½ S	7221		2		87.2			0		
372	374	C ½ S	7222		2		92.0			0		
386	388	C ½ S	7223		2		90.4			0		
397	399	C ½ S	7224		2		85.4			0		
399	401	C ½ S	7225		2		85.7			0		
401	403	C ½ S	7351		2		94.6			0		

# Diamond Drill Geological Log



K-FORDING 74(3)C-2

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: RK Date: SEPT. 6, 1974 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: EAGLE MIN. (UPPER CLODE) App. Bear: \_\_\_\_\_ App.: Dip.: \_\_\_\_\_ Length: 530'

40 Scale

Color Plot & Dips Ore Classes & Aver.

From	To	Discard:	Reason:
			INTERSECTIONS TAKEN FROM RADIATION LOG.
0	8		Overburden (Casing 16').
8	15.5		Mudstone.
15.5	39		Coal 23.5.
39	70.5		Mudstone.
70.5	72		Coal 1.5'.
72	75		Mudstone.
75	79		Coal 4'.
79	87.5		Mudstone.
87.5	92		Coal 4.5'.
92	185		Mudstone, occasional silty sandstone interbeds.
185	267		Sandstone.
267	273		Mudstone.
273	382		Mosly sandstone, some siltstone.
382	447		Mudstone.
447	462		Coal 15'.
462	489		Mudstone grading to siltstone near bottom.
489	530		Sandstone, several mudstone interbeds.

End of hole at 530'  
September 1, 1974

Core Size

Hole No. RH 358

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COMPOSITES REQUESTED OCT. 15 '74

RA. 10 S., & FSI.

Weight by the footages represented;

DIAMOND DRILL SAMPLING RECORD

RH 358

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS	
18	20	#2 #1	7226		2		9.0			1		RAD. LOG.	
20	22		7227		2		10.5			1		15.5-39.235	
22	24		7228		2		6.1			1			
24	26		7229		2		10.3			5			
26	28		7230		2		19.9				3 1/2		
28	30		#1 COMPOSITE 7226-30	7231		2		9.3			7 1/2		
30	32		#2 COMPOSITE 7226-32	7232		2		6.9			7		
32	34			7233		2		20.1			5 1/2		
34	36			7234		2		17.8			4 1/2		
36	38			7235		2		22.2			3		
38	40		7236		2		10.6			4 1/2			
40	42	C & S #1-COMPOSITE 7226-36	7237		22	110	13.5	20.8	64.7	2 1/2	0.40		
		#2-COMPOSITE 7226-37			24	0.9	15.5	20.10	63.6	3	0.41		
66	68	C & S	7238		2		59.0			1 1/2			
68	70		7239		2		56.5			1			
70	72	C & S	7240		2		74.5			0			
72	74	C & S	7241		2		21.2			6			



DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
74	76	C & S	7242		2		86.4			0		
76	78	C	7243		2		18.8			8		
78	80	C & S	7244		2		66.6			1/2		
84	88	C & S	7245		2		76.3			1/2		
89	91	C & S COMPOSITE	7246	}	2		30.6			4 1/2		
91	93	# 7246-A7	7247		2		17.9			7		
93	95		7248		2		51.2			6 1/2		
		COMPOSITE 7246-47			4	0.4	74.1	18.0	57.3	6	0.59	
101	103	C & S	7249		2		38.7			6		
105	107	C & S	7250		2		55.0			1		
109	111	C & S	7352		2		70.3			1/2		
111	113	C & S	7353		2		60.8			1		
143	145	C & S	7354		2		87.1			0		
145	147	C & S	7355		2		86.6			0		
154	156	C & S	7356		2		84.9			0		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
336	338	C & S	7357		2		82.3			0		
350		Coal Stringers	7358				85.1			0		
433	435	C & S	7359		2		21.4			2 1/2		
443	445	C & S	7360		2		73.7			0		
449	451	C & S	7361		2		48.2			1/2		
451	453	C & S	7362		2		37.2			1		
453	455	C & S	7363		2		23.9			1		
455	457	C & S	7364		2		16.1			1		
457	459	C & S COMPOSITE	7365		2		14.1			1		
459	461	# 7363-68	7366		2		23.8			1		
461	463		7367		2		20.1			2		
463	465		7368		2		27.2			1		
465	467		7369		2		58.0			1/2		
		COMPOSITE 7363-68			12	0.5	20.8	18.1	0.6	1	0.34	

# Diamond Drill Geological Log



K-FORING 74(3)C-2

Objective:

Sampled:

Logged By: RK

Date: SEPT. 6, 1974

Composites:

Block:

Sect.:

Place: EAGLE MTN.  
(UPPER CLODE)

App. Bear:

App.: Dip.:

Length:

From To Discard: Reason: INTERSECTIONS TAKEN FROM RADIATION LOG.

From	To	Discard:	Reason:
0	2	Overburden (Casing 0-15')	
2	10	Coal 8'	
10	113.5	Mudstone, with thin siltstone bands	
113.5	125.5	Coal 12'	
125.5	139	Moslty mudstone, some siltstone.	
139	141	Coal 2'	
141	168	Sandstone.	
168	196.5	Mudstone, with a siltstone interbed.	
196.5	205.5	Coal 9'	
205.5	209.5	Mudstone.	
209.5	211.5	Coal (Shaley).	
211.5	221	Mudstone.	
221	232	Sandstone.	
232	235.5	Coal 3.5'	
235.5	243	Mudstone.	
243	314	Sandstone, with mudstone interbeds.	
314	323	Mudstone.	
323	333	Sandstone.	
333	358	Mudstone and sandstone near bottom.	

End of hole at 358'

September 3, 1974

Core Size

Hole No. RH 359

Page 10F1

40 Scale

Color Plot & Dips Ore Classes & Aver.

COMPOSITES REQUESTED. OCT. 15 '74.  
 D.A., FSI & % S.  
 Weights of the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 359

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
66	68		7384		2		84.2			0		
74	76		7385		2		84.2			0		
76	78		7386		2		38.5			1		
78	80		7387		2		79.5			0		
81	83		7388		2		80.2			0		
85	87		7389		2		55.8			1		
87	89		7390		2		70.3			1		
89	91		7391		2		91.4			0		
91	93		7392		2		86.9			0		
93	95		7393		2		84.3			0		
95	97	C&S	7394		2		85.1			0		
97	99	C&S	7395		2		84.3			0		
99	101		7396		2		49.6			1		
101	103		7397		2		73.5			0		
103	105		7398		2		81.6			0		
105	107		7399		2		84.9			0		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
111	113	C & S.	7400		2		86.0			0		
113	115		7401		2		79.2			0		
115	117		7402		2		75.7			0		
117	119	Composite #1 - 7403-04	7403	#3	2		37.5			5 1/2		
119	121	Composite #2 - 7406-08	7404	#1	2		22.3			2 1/2		
121	123	Composite #3 - 7403-08	7405	COMPOSITE 7403-A (#1)	2	0.6	29.6 54.1	19.7	50.1	5	0.83	
123	125		7406	#2	2		15.5			7 1/2		
125	127	C & S.	7407		2		14.6			7 1/2		
127	128	C & S.	7408		1		35.5			6		
		COMPOSITE	7409-08 (#2)		5	0.5	21.5	2.17	56.3	7	0.91	
		#3 COMPOSITE 7403-08			11	0.5	30.0	19.4	49.0	6	0.88	
181	183	C & S.	7409		2		67.7			12		
183	185	C & S.	7410		2		89.2			0		
185	187	C & S.	7411		2		85.0			0		
187	189	C & S.	7412		2		87.7			0		
194	196	C & S.	7413		2		83.3			0		
196	198	C & S.	7414		2		85.9			0		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
198	200		7A15		2		55.0			1		
200	202	RA. 1/2 S & FSI —	7A16		2		19.4			8		
202	204		7A16		2	0.6	18.7	23.7	57.0	8	1.04	
			7A17		2		81.5			0		
204	206	COMPOSITE 7A18-19	7A18		2		17.6			6		
206	208		7A19		2		30.3			6 1/2		
208	210	COMPOSITE	7A20		4	0.5	23.2	19.7	56.6	5	0.62	
					2		47.3			4		
210	212		7A21		2		78.8			0		
212	214		7A22		2		57.5			1		
214	216		7A23		2		75.5			0		
216	218		7A24		2		59.3			1		
218	220		7A25		2		76.7			1/2		
220	222	*			2		60.3			1		NO SAMPLE TAGS JUST THE FOOTA
222	223	C & S			1		81.9			1/2		" "

# Diamond Drill Geological Log



K-FORING 74(3)C-2

Objective:		Sampled:	
Logged By: RK		Date: October 22, 1974	
Block:		Composites:	
Sect.:	Place:	App. Bear:	App. Dip.:
	EAGLE MT. (UPPER CLODE)		
			Length: 329'

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.

From	To	Discard:	Reason:
			INTERSECTIONS TAKEN FROM RADIATION LOG.
0	15	Casing	(Overburden 0-9'?)
15	39.5	Mudstone.	
39.5	49	Coal	9.5'
49	51	Mudstone.	
51	56.5	Coal	5.5'
56.5	124	Mostly mudstone,	some siltstone.
124	140	Sandstone,	with mudstone interbed.
140	155	Coal	15'
155	158	Mudstone	3'
158	159.5	Shaley coal	1.5'
159.5	183	Mudstone.	
183	202	Coal	19'
202	223	Mudstone and siltstone.	
223	241	Mudstone.	
241	274	Sandstone.	
274	278	Mudstone.	
278	282	Coal	4'
282	289	Mudstone.	
289	306.5	Coal	17.5'
306.5	329	Mudstone.	

End of hole at 329'  
October 13, 1974

Core Size

Hole No. RH - 360

Page 1 OF 1

DIAMOND DRILL SAMPLING RECORD

RH-360

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
41	43	COMPOSITE # 6151-54	6151		2		8.5			1 1/2		RAD. H.G.
43	45		6152		2		16.1			1 1/2		39 5-49 9.5
45	47		6153		2		10.8			3		
47	49		6154		2		10.9			3		
49	51		6155		2		51.6				1 1/2	
			COMPO.		8	0.2	11.5	18.5	60.83	2	0.33	
						Ave.	11.6					
53	55	COMPOSITE # 6156-57	6156		2		12.0			1		
55	57		6157		2		31.3			2 1/2		51-56 5.5
57	58		6158		1		50.1			3 1/2		
			COMPO.		4	0.2	21.4	17.7	60.13	1 1/2	0.42	
141	143	COMPOSITE # 6159-68	6159		2		20.1			3 1/2		
143	145		6160		2		14.7			2		
145	147		6161		2		14.7			1		140-155 15
147	149		6162		2		9.7			5		
149	151		6163		2		16.3			6 1/2		
151	153		6164		2		12.0			7		
153	155		6165		2		22.1			2		
155	157		6166		2		45.8			2		
157	159	6167		2		57.9			1			
159	161	6168		2		67.0			1			
			COMPO.		14	0.4	16.3	19.7	63.4	3 1/2	0.37	
						Ave.	15.7					
184	186	COMPOSITE # 6169-75 AND 6183-80	6169		2		18.6			4 1/2		
186	188		6170		2		15.5			6 1/2		
188	190		6171		2		18.8			6 1/2		
190	192		6172		2		14.3			3 1/2		
192	194		6173		2		25.4			1		183-202 19
194	196		6174		2		13.1			1		
196	198		6175		2		10.3			4		



DIAMOND DRILL SAMPLING RECORD

RH-360

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
198	200		G139		2		11.3			4 1/2		
200	202		G140		2		9.6			5		
202	203	CES	G141		1		38.4			1		
			COMPO.		12	0.4	15.7	19.4	64.5	3	0.42	
						Ave.	15.2					
280	282	CES PA. 2/3, 5, FSI →	G142		2		18.0			7		
282	284	CES	G143		2		67.0			1		
			G142		2	0.4	12.5	21.4	59.7	7	0.64	
291	293		G144		2		39.0			1		
293	295		G145		2		28.3			3 1/2		
295	297	#1 - COMPOSITE	G146		2		23.0			7		289-306.5 17%
297	299	#2 - COMPOSITE	G147		2		45.9			3 1/2		Ave. Ash 32.1% for 16
299	301		G148		2		29.7			3 1/2		
301	303		G149		2		33.7			1 1/2		
303	305	CES	G150		2		44.8			1		
			COMPO. #1 (G145-A6)		4	0.5	23.0	20.0	50.5	4 1/2	0.44	
			COMPO. #2 (G145-A9)		10	0.4	32.4	17.1	45.1	3 1/2	0.62	
307	309	CES	G107		2		39.4			4		
309	311	CES	G108		2		67.5			1		
311	313	CES	G109		2		67.1			1		

# Diamond Drill Geological Log



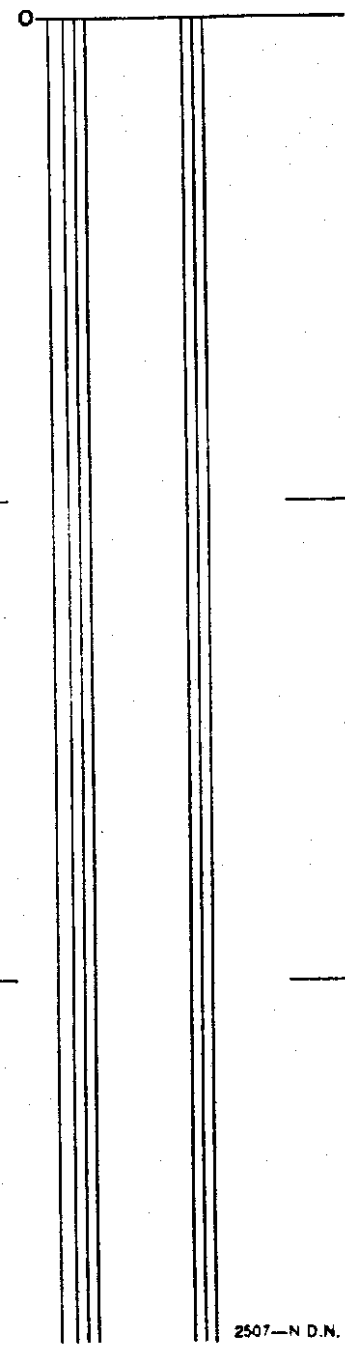
K- FORDING 74(3) C-2

Objective:		Sampled:	
Logged By: RK		Date: October 22, 1974	
Block:		Composites:	
Sect.:	Place:	App. Bear:	App. Dip:
		Length:	

317

From	To	Discard:	Reason:
			<i>Intersections taken from Radiation Log.</i>
0	15	Casing.	(Overburden: 0-14')
15	24	Sandstone.	
24	36	Siltstone grading to mudstone towards bottom.	
36	44.5	Coal	8.5'.
44.5	53	Mudstone	8.5'.
53	60.5	Coal	7.5'.
60.5	89	Mudstone grading to siltstone towards bottom.	
89	149	Sandstone.	
149	168	Sandstone, with thin interbeds of mudstone.	
168	174	Mudstone.	
174	176	Coal	2'.
176	179	Mudstone.	
179	243	Sandstone.	
243	258	Mudstone.	
258	263.5	Coal	5.5'.
263.5	268	Mudstone.	
268	270	Coal	2'.
270	291	Mudstone and siltstone interbeds.	
291	332	Sandstone.	
332	339	Siltstone and mudstone.	
339	360	Coal, with thin mudstone band at 344'.	21'
360	368	Sandstone.	
368	388	Mostly siltstone, some mudstone.	

40 Scale	Ore Classes & Aver.
Color Plot & Dips	



Core Size

Hole No. RH 361

Page 1 OF 2

# Diamond Drill Geological Log



40 Scale

Color Plot & Dips

Ore Classes & Aver.

Objective:

Sampled:

Logged By: \_\_\_\_\_ Date: \_\_\_\_\_

Composites:

Block: \_\_\_\_\_

Sect.: \_\_\_\_\_

Place: \_\_\_\_\_

App. Bear: \_\_\_\_\_

App. Dip.: \_\_\_\_\_

Length: \_\_\_\_\_

From To Discard: Reason:

388	422.5		Sandstone with siltstone interbeds.
422.5	424.5		Coal 2'.
424.5	447		Sandstone, several siltstone interbeds.
447	477		Mostly siltstone, some mudstone.
477	550		Mostly sandstone, with thin interbeds of siltstone.

End of hole at 550'  
October 17, 1974

Core Size

Hole No. RH - 361

Page 2 OF 2

DIAMOND DRILL SAMPLING RECORD

RH 361

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
37	39		6110		2		10.4			1 1/2		RAD. LOG.
39	41	COMPOSITE # 6110-13	6111		2		6.9			1 1/2		36-44.5 8.5
41	43		6112		2		7.1			1		
43	45		6113		2		23.1			3		
45	47		6114		2		45.3			3		
			COMPO		8	1.5	17.7	20.9	58.9	1 1/2	0.29	
						Ave	11.9					
54	56		6115		2		7.2			7 1/2		
56	58	COMPOSITE # 6115-18	6116		2		27.0			6 1/2		50-60.5 7.5
58	60		6117		2		7.9			7 1/2		
60	62		6118		2		30.8			6 1/2		
62	64	CCS	6119		2		43.2			2 1/2		
			COMPO		8	0.3	19.1	28.4	52.2	7	0.41	
						Ave	18.2					
175	177		6120		2		28.9			2		
177	179		6121		2		66.0			1/2		
255	257		6122		2		78.9			0		
257	259		6123		2		69.1			1/2		
259	261	COMPOSITE # 6124-25	6124		2		24.0			7 1/2		258-265.5 5.5
261	263		6125		2		28.1			6 1/2		
263	265		6026		2		52.5			2		
			COMPO		4	0.3	26.2	34.8	48.7	7	0.10	
		PA. 4.5 & FSI FOR ONE SAMPLE	6002		2	0.2	13.6	22.6	57.6	7 1/2	0.57	
341	343	CCS	6001		2		57.6			1		
343	345	PA. 4.5 & FSI	6002		2		13.4			8		
345	347	CCS	6003		2		81.6			0		339-345 2.1
347	349		6004		2		43.8			5 1/2		
349	351		6005		2		23.0			6 1/2		
351	353		6006		2		5.6			8		
353	355	COMPOSITE 6005-09	6007		2		5.5			8		

Contd.



# Diamond Drill Geological Log



K- FROENK 74(3) C-2

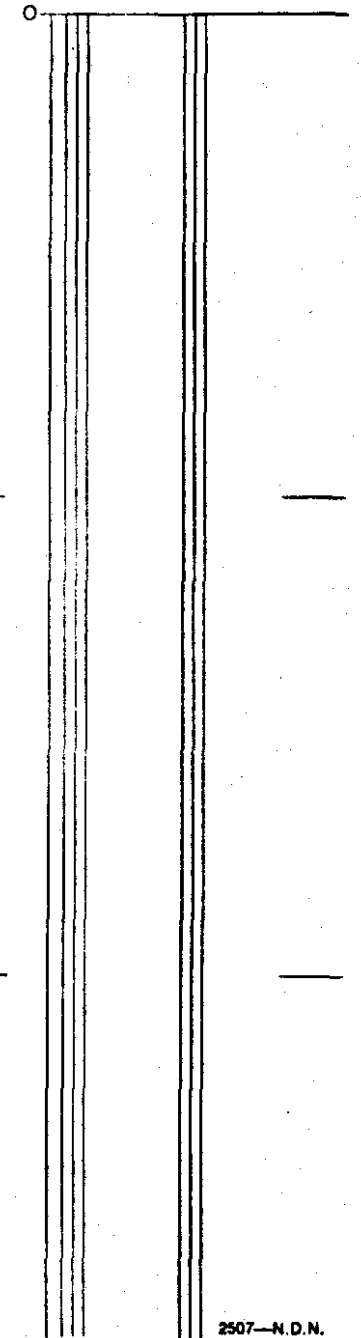
Objective: \_\_\_\_\_ Sampled: **317**

Logged By: RK Date: October 22, 1974 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: EAGLE MTN. UPPER CLODE App. Bear: \_\_\_\_\_ App.: Dip.: \_\_\_\_\_ Length: \_\_\_\_\_

From	To	Discard:	Reason:
INTERSECTIONS TAKEN FROM RADIATION LOG.			
0	15	Casing.	OVERDRILL 14' ?
15	71	Mudstone.	
71	100	Coal with three feet mudstone band from 85.5' to 88.5'	29 (26)'
100	112	Mudstone.	
112	122	Coal	10'.
122	125.5	Mudstone	3.5'.
125.5	130.5	Coal	5'.
130.5	178	Mudstone.	
178	220	Sandstone.	
220	226	Siltstone and mudstone.	
226	243.5	Coal	17.5'.
243.5	250.5	Mudstone.	
250.5	265	Coal with one foot mudstone band at 254.5'	14.5 (13.5)'
265	353	Interbedded siltstone and mudstone, sandstone:	270-277
353	363.5	Coal	10.5'.
363.5	367.5	Mudstone	4'.
367.5	370	Coal	2.5'.
370	379	Mudstone.	
379	385	Silty sandstone.	
385	400	Mudstone with shaley coal bands from 390-392' and 396-397'	
400	425	Mostly mudstone, several siltstone interbeds.	
		Two one foot shaley coal bands at 411.5' & 421'	
425	428	Coal	3'.

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.



Core Size \_\_\_\_\_

Hole No. RH 362 Page 1 OF 2

# Diamond Drill Geological Log



Objective:

Sampled:

Logged By: \_\_\_\_\_ Date: \_\_\_\_\_

Composites:

Block:

Sect.:

Place:

App. Bear:

App. Dip.:

Length:

From To Discard Reason:

428 432 Mudstone 4'

432 434 Coal 2'

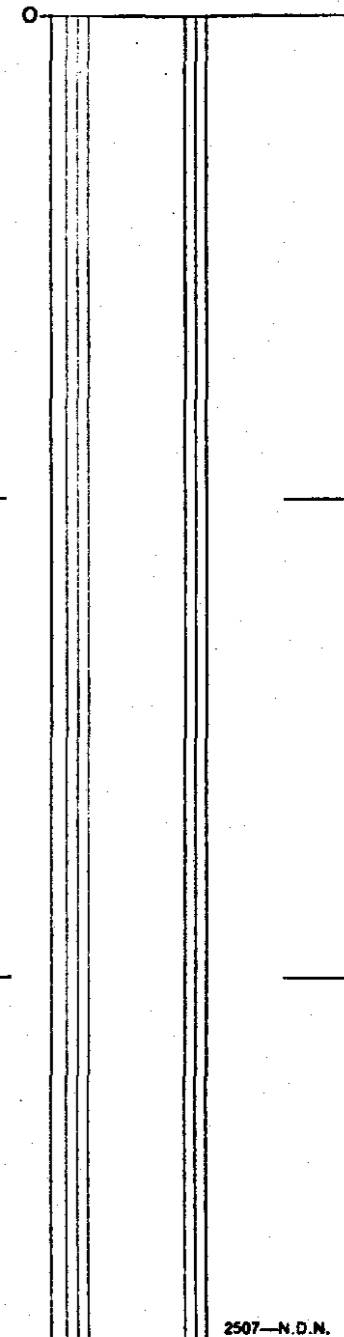
434 450 Mudstone.

End of hole at 450'  
October 18, 1974

Core Size  
Hole No. RH - 362

Page 2 OF 2

40 Scale  
Color Plot & Dips Ore Classes & Aver



DIAMOND DRILL SAMPLING RECORD

RH 362

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
74	76		6012		2		13.0			6		
76	78		6013		2		6.8			7 1/2		
78	80	CES	6014		2		42.1			1		71-100
80	82		6015		2		6.2			2		85.5-95.5 PARTING
82	84		6016		2		26.1			1		
84	86		6017		2		9.9			1		
86	88		6018		2		22.5			1 1/2		
88	90	COMPOSITE # 6012-25	6019		2		13.7			3 1/2		
90	92		6020		2		12.2			4 1/2		
92	94		6021		2		15.0			5 1/2		
94	96		6022		2		8.8			7 1/2		
96	98		6023		2		14.0			7		
98	100		6024		2		29.1			7		
100	102		6025		2		29.4			8		
102	104		6051		2		55.8			2		
104	106		6052		2		59.5			1		
106	108		6053		2		79.0			1 1/2		
			COMPO.		23	0.8	17.7	23.8	57.7	4	0.41	
						Ave.	17.8					
109	111	CES	6054		2		45.4			3 1/2		
115	117		6055		2		14.0			7 1/2		1
117	119	COMPOSITE # 6055-58	6056		2		7.5			8		112-122
119	121		6057		2		16.8			8		
121	123		6058		2		31.8			6		125.0-130.5
123	125	CES	6059		2		59.0			3		
125	127		6060		2		76.5			1 1/2		
127	129	COMPOSITE # 6061-62	6061		2		7.5			8		
129	131		6062		2		20.4			7 1/2		
131	133		6063		2		58.3			2 1/2		
		COMPOSITE 6055-58			8	0.2	17.5	24.0	57.7	7 1/2	0.51	
		COMPOSITE 6061-62			4	0.2	14.2	25.0	60.6	7 1/2	0.74	



DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
230	232	CES	6064		2		8.7			7 1/2		
232	234		6065		2		19.2			6 1/2		
234	236	COMPOSITE 6064-71	6066		2		25.3			6 1/2		236-243 17'
236	238		6067		2		24.9			6 1/2		CALC. AVE 26%
238	240		6068		2		41.8			4		
240	242		6069		2		38.6			3		
242	244		6070		2		34.9			6 1/2		
244	246	CES	6071		2		14.6			3 1/2		
						Ave.	26.0					
			COMPOSITE		16	0.3	26.0	20.9	52.3	5 1/2	0.33	
253	255		6072		2		30.7			6		
255	257	CES	6073		2		77.2			1/2		250-265 14'
257	259	CES	6074		2		12.3			7		255-259 5 PARTS
259	261	C	COMPOSITE 6074-21		2		21.1			1 1/2		
261	263		6075		2		NO SAMPLE					-GOOD CAL-
263	265		6076		2		8.4			5 1/2		
265	267	CES	6077		2		58.8			3		
			COMPO.		8	0.4	12.2	22.2	65.0	5 1/2	0.57	
354	356	CES	6030		2		12.4			8		
356	358		COMPOSITE 6030-34		2		53.0			1 1/2		
358	360		6032		2		15.3			3		353-365 10'
360	362		6033		2		19.1			3 1/2		CALC. AVE 27.9
362	364		6034		2		39.7			2 1/2		
			COMPO.		10	0.6	20.2	23.4	55.8	4 1/2	0.73	
						Ave.	27.9					
369	371	CES	6035		2		33.8			5 1/2		
371	372	CES	6036		1		66.1			1		
374	376	CES	6037		2		71.5			1		
376	378	CES	6038		2		74.3			1		
378	380	CES	6039		2		67.3			1		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
391	393		6040		2		44.8			4		
393	395	CES	6041		2		66.0			1		
395	397	CES	6042		2		25.3			3 1/2		
397	399	CES	6043		2		55.0			2		
399	401		6044		2		71.4			1		
401	402	CES	6045		1		76.1			1/2		
412	414	CES	6046		2		54.8			2		
421	423	CES	6047		2		67.7			1		
426	428	CES	6048		2		52.8			2 1/2		
428	430		6049		2		47.3			2 1/2		
430	431		6050		1		67.6			1		
432	434	CES	6301		2		55.6			1		
434	435	CES	6302		1		76.5			1/2		
437	439	CES	6303		2		71.6			1		

# Diamond Drill Geological Log



K - FOREING 74(3)C-2

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: RK Date: October 31, 1974 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect: \_\_\_\_\_ Place: EAGLE MTN. UPPER CLODE App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: 448'

From	To	Discard:	Reason:
			INTERSECTIONS TAKEN FROM RADIATION LOG.
0	4		Overburden.
4	10		Mudstone.
10	29		Coal 19'.
29	34		Mudstone.
34	36		Coal 2'.
36	38		Mudstone 2'.
38	45.5	2	Coal 7.5'.
45.5	63		Sandstone, some siltstone.
63	154.5		Mostly mudstone, several siltstone interbeds.
154.5	166		Coal with one foot mudstone band at 157.5' 11.5 (10.5')
166	171.5		Mudstone.
171.5	174.5		Coal 3'.
174.5	189		Mudstone.
189	207		Mostly sandstone, several mudstone bands.
207	214		Shaley coal and shale. 7
214	238		Mudstone and sandy siltstone interbeds.
238	251		Mudstone.
251	301		Silty sandstone.
301	319		Siltstone and mudstone interbeds.
319	368		Siltstone and sandstone interbeds, mudstone near bottom.
368	382		Silty sandstone.
382	399		Mudstone and siltstone.
399	434.5		Coal 35.5'
434.5	448		Mudstone.

End of hole at 448'

Core Size

Hole No. RH - 363

Page 1 OF 1

DIAMOND DRILL SAMPLING RECORD

RH-363

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
10	12	COMPOSITE # 6304-13	6304		2		19.8			0		10-29 15
12	14		6305		2		7.9			0		
14	16		6306		2		16.2			0		
16	18		6307		2		11.6			0		
18	20		6308		2		4.7			0		
20	22		6309		2		2.0			0		
22	24		6310		2		6.5			3		
24	26		6311		2		6.7			0		
26	28		6312		2		4.2			0		
28	30		6313		2		6.4			1		
30	32	6314		2		59.4			1			
			COMPO.		20	0.5	2.8	25.4	62.1	1/2	0.01	
						Ave.	8.6					
36	38	COMPOSITE # 6315-19	6315		2		20.2			0		38-45.5 7.5
38	40		6316		2		45.6			3		
40	42		6317		2		12.4			7		
42	44		6318		2		7.3			7 1/2		
44	46		6319		2		6.0			8 1/2		
46	47		6320		2		53.4			1 1/2		
			COMPO.		10	0.6	17.4	23.4	52.6	7	0.54	
						Ave.	18.3					
160	162	COMPOSITE # 6321-24	6321		2		17.3			1		15A-16.6 11.7
162	164		6322		2		21.3			4		
164	166		6323		2		26.5			6		
166	168		6324		2		42.4			5		
168	170		6325		2		71.4			1/2		

COMPO.

8 0.7 20.0 20.1 53.2 3 0.05

Ave. 26.9

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
170	172		7601		2		54.4			4		
172	174		7602		2		59.1			3		
174	176		7603		2		35.1			5 1/2		
176	178		7604		2		48.7			4 1/2		
178	180	CES	7605		2		79.5			1/2		
180	182	CES	7606		2		72.1			1		
182	184	CES	7607		2		69.4			1		
207	209	CES	7608		2		52.6			1		
209	211	COMPOSITE 7609-10	7609		2		19.9			8 1/2		
211	213		7610		2		19.5			5 1/2		
213	215		7611		2		48.0			3 1/2		
215	217		7612		2		64.1			1		
217	218	CES	7613		1		59.9			2 1/2		
			COMPOSITE		4	0.4	21.3	21.8	56.3	6 1/2	0.74	
						Ave.	19.7					
248	250	CES	7614		2		77.3			1/2		
250	252	CES	7615		2		53.5			2 1/2		
366	368		7616		2		54.2			3 1/2		
368	369		7617		1		74.7			1		
398	400		7618		2		74.8			1		
400	402		7619		2		39.9			1		
402	404		7620		2		13.2			1		
404	406		7621		2		10.9			6		307-A3A
406	408		7622		2		12.9			7 1/2		53
408	410	COMPOSITE #1 - 7621-7633	7623		2		9.3			6		
410	412		7624		2		13.5			1		
412	414	COMPOSITE #2 - 7619-35	7625		2		63.3			1		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
414	416		7626		2		26.3			2 1/2		
416	418		7627		2		11.5			5 1/2		
418	420		7628		2		17.4			3		
420	422		7629		2		12.9			6 1/2		
422	424		7630		2		10.2			1		
424	426		7631		2		15.8			8		
426	428		7632		2		12.2			3		
428	430		7633		2		16.2			1		
430	432		7634		2		39.6			1		
432	434		7635		2		38.7			5 1/2		
434	436	CES	7636		2		70.4			1		
		COMPOSITE #1 (76.21-33)			26	0.6	18.0	20.0	61.4	2 1/2	0.04	
		COMPOSITE #2 (76.19-35)			34	0.6	23.4	19.8	56.2	2 1/2	0.04	
						Ave.	17.9					
						Ave.	23.2					

# Diamond Drill Geological Log



K-FORING 74(3)C-2

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_ **317**

Logged By: RK Date: October 31, 1974 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: EAGLE MTN. SOUTH App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: \_\_\_\_\_

From To Discard Reason: INTERSECTIONS TAKEN FROM RADIATION LOG.

0	15	Casing. (Sandstone 11-15)
15	23	Sandstone (Silty)
23	133	Mostly mudstone, some siltstone.
133	145.5	Coal with several thin bands of shale 12.5'
145.5	163	Mudstone.
163	173	Coal 10'.
173	180	Mudstone.
180	184.5	Coal 4.5'.
184.5	224	Sandstone.
224	239	Siltstone and sandstone interbeds.
239	302	Silty sandstone.
End of hole at 302'		
October 21, 1974		

Core Size

Hole No. RH - 364

Page 1 OF 1

DIAMOND DRILL SAMPLING RECORD

RH-364

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
134	136	P.A. FSI 0.5 →	7637		2		21.2			7		
136	138		7638		2		42.6			1		
138	140		7639		2		68.1			1		
140	142	P.A. FSI 1.5 →	7640		2		22.3			6		
142	144		7641		2		62.6			1		
144	146		7642		2		64.5			1		
146	148		7643		2		57.6			1		
148	150		7644		2		64.6			1		
		P.A. FSI 3.0 S	7637		2	0.4	21.5	18.0	57.1	6 1/2	0.17	
		P.A. FSI 1.5 S	7640		2	0.5	22.5	19.2	57.8	6 1/2	0.05	
163	165	COMPOSITE 7646-49	7646		2		8.3			8 1/2		
165	167		7647		2		18.3			7 1/2		16.3-173 10'
167	169		7648		2		21.9			4		
169	171		7649		2		19.2			5		
171	173		7650		2		46.8			2 1/2		
			COMPO.		8	0.5	16.6	20.7	6.21	7	0.05	
180	182		7651		2		10.9			8		
182	184	C.S.	7652		2		41.5			3		



# Diamond Drill Geological Log



K-FORING 74(3)C-2

Objective:

Sampled: **377**

Logged By: RK

Date: October 31, 1974

Composites:

Block:      Sect.:      Place: **EAGLE MTN. SOUTH**      App. Bear:      App.: Dip.:      Length: **291'**

From      To      Discard:      Reason: **INTERSECTIONS TAKEN FROM RADIATION LOG.**

0	15		Casing.
15	56.5		Mudstone, with several bands of siltstone.
56.5	85.5		Coal 29'.
85.5	168		Mostly mudstone some siltstone.
168	182	✓	Coal 14'.
182	212		Mudstone, some siltstone.
212	223	2	Coal 11'.
223	228		Mudstone 5'.
228	233	↑	Coal 5'.
233	291		Sandstone

End of hole at 291'.

October 22, 1974

Core Size

Hole No. RH - 365

Page 1 OF 1

DIAMOND DRILL SAMPLING RECORD

RH-365

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
56	58		7653		2		12.8			6		765-82-5 29
58	60		7654		2		12.7			6		
60	62		7655		2		30.4			6 1/2		
62	64		7656		2		9.0			4		
64	66		7657		2		25.5			5 1/2		
66	68		7658		2		14.9			5		
68	70		7659		2		10.8			6		
70	72	COMPOSITE 7653-64	7660		2		14.7			8		
72	74		7661		2		11.4			2 1/2		
74	76		7662		2		12.2			4 1/2		
76	78		7663		2		11.4			3 1/2		
78	80		7664		2		10.4			6 1/2		
80	82		7665		2		17.6			6		
82	84		7666		2		17.5			6 1/2		
			COMPO.		2.3	C.5	15.3	19.6	64.4	6	C.33	
						Ave.	15.0					
166	168	C ES	7668		2		70.0			1/2		163-182 14
168	170	C ES	7669		2		26.2			6 1/2		
170	172	C ES	7670		2		26.9			6		
172	174	C ES	7671		2		43.8			2		
174	176	C ES	7672		2		34.1			1 1/2		
176	178		7673		2		48.2			1		
178	180		7674		2		62.7			1		
180	182	C ES	7675		2		80.9			1/2		
			COMPO.		2	C.6	32.9	16.0	50.5	3 1/2	C.05	
210	212		7576		2		14.3			7		212-223 11
212	214		7577		2		14.0			8		
214	216	COMPOSITE 7576-80	7578		2		17.9			4 1/2		
216	218		7579		2		13.9			6 1/2		
218	220		7580		2		10.9			7 1/2		
220	222	C ES	7581		2		75.3			1/2		
			COMPO.		10	C.2	14.5	20.6	64.7	6.1/2	C.00	

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
227	229	CENS	7582		2		16.5			6		227-233
229	231		7583		2		15.4			6		
			(C.M.P.O.)			4	0.1	15.2	20.3	6.4.4	7	

# Diamond Drill Geological Log



K - FROING 74(3)C-2

Objective: \_\_\_\_\_ Sampled: **317**

Logged By: **RK** Date: \_\_\_\_\_ Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: **EAGLE MTN. SOUTH** App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: **300'**

From	To	Discard:	Reason:
0	6	Overburden.	
6	13.5	Mudstone, (or Overburden?)	
13.5	19	Coal 5.5'	
19	39	Mudstone.	
39	41	Coal 2'	
41	43	Mudstone 2'	
43	70	Coal 27'	
70	71	Mudstone 1'	
71	72.5	Coal 1.5'	
72.5	182	Mudstone with several siltstone interbeds.	
182	190.5	Coal.	
190.5	192	Mudstone 1.5'	
192	193.5	Coal 1.5'	
193.5	208.5	Mudstone.	
208.5	220	Coal 11.5'	
220	224	Mudstone 4'	
224	229	Coal 5'	
229	300	Sandstone.	

INTERSECTIONS TAKEN FROM RADIATION LOG.

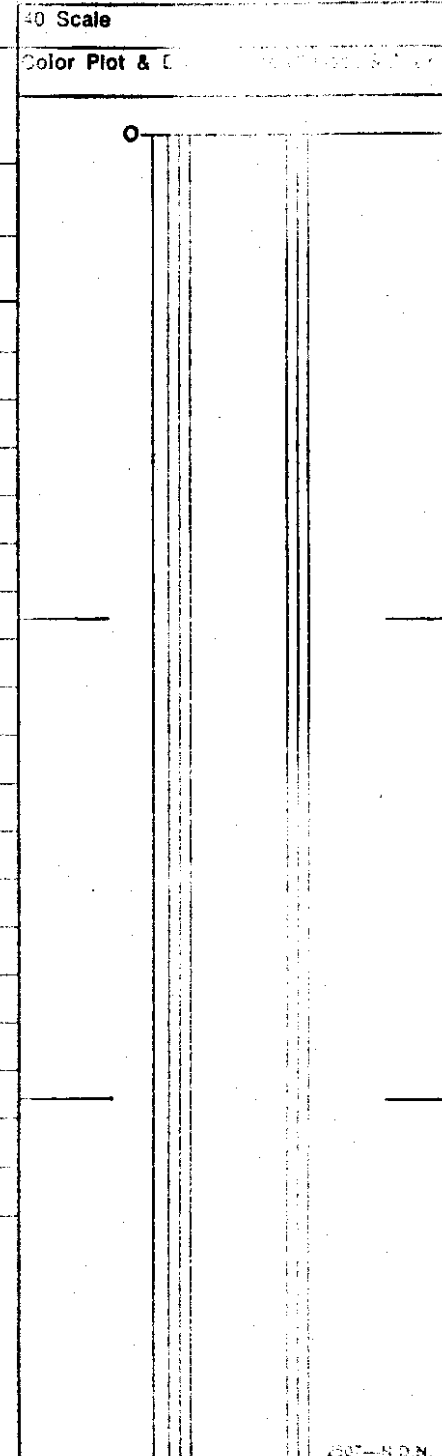
End of hole at 300'

October 24, 1974

Core Size

Hole No. **RH 366**

Page **1 OF 1**



DIAMOND DRILL SAMPLING RECORD

RH 366

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
17	19		7584		2		22.8			6		
19	21		7585		2		49.8			1 1/2		
42	44	CES	7586		2		42.3			4		39-41
44	48		7587		2		9.5			6		
48	50	CES	7588		2		12.8			7 1/2		
50	52	CES	7589		2		13.3			6 1/2		43-70 2
52	54	CES	7590		2		7.1			3 1/2		
54	56	CES	7591		2		13.3			3 1/2		
56	58		7592		2		11.8			3		
58	60	COMPOSITE 7587-59			2		16.2			6		
60	62		7594		2		15.7			5 1/2		
62	64		7595		2		9.1			3		
64	66		7596		2		8.4			5		
66	68		7597		2		10.9			3 1/2		
68	70		7598		2		10.3			7 1/2		
70	72		7599		2		60.4			1		
72	74		7600		2		53.8			4 1/2		
			COMP.		24	0.1 Ave.	11.4	21.5	66.8	5 1/2	0.04	
							11.5					
185	187		7551		2		48.8			1		
187	189	P.A. 1/2 S 1/2 FSI	7552		2		23.6			7 1/2		
189	191		7553		2		62.6			1		
191	193		7554		2		61.1			1		
193	195		7555		2		52.4			1		
		P.A. 1/2 S 1/2 FSI	7557		2	0.1	24.5	20.1	55.3	7	0.13	
214	216		7557		2		16.9			7 1/2		
216	218	COMPOSITE 7557-60			2		10.5			7		208-220 1.5
218	220		7559		2		26.1			4		
220	221		7560		1		26.2			7 1/2		
			COMP.		7	0.1	19.7	21.3	58.9	6 1/2	0.24	

Ave. 19.9

# Diamond Drill Geological Log



K-FARROW (3) C-2

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: R.K. Date: November 6, 1974 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: EAGLE MTN. SOUTH App. Bear: \_\_\_\_\_ App. Dip: \_\_\_\_\_ Length: 400'

From To Discard: Reason: INTERSECTIONS TAKEN FROM RADIATION LOG.

From	To	Discard:	Reason:
0	15	Casing (Overburden 0-4')	
15	75	Mudstone.	
75	77	Coal 2'.	
77	87	Mudstone.	
87	89	Coal 2'.	
89	90.5	Mudstone 1.5'.	
90.5	104	Coal 13.5'.	
104	122.5	Mudstone, with highly carbonaceous shale bands.	
122.5	128	Coal 5.5'.	
128	131	Mudstone.	
131	141	Coal 10'.	
141	299	Mudstone with occasional thin siltstone interbeds.	
299	385	Mostly mudstone some siltstone.	
385	387	Coal 2'.	
387	400	Mudstone.	

End of hole at 400'  
October 25, 1974

Core Size \_\_\_\_\_  
Hole No. RH 367 Page 1 OF 1

DIAMOND DRILL SAMPLING RECORD

RH - 367

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
76	78		7562		2		27.0			4		
92	94	COMPOSITE 63-76	7563		2		11.3			6		
94	96		7564		2		10.5			5 1/2		87-210 - 2
96	98		7565		2		7.1			7 1/2		80.5-104 - 13
98	100		7566		2		8.4			7 1/2		
100	102		7567		2		12.9			5 1/2		
102	104		7568		2		39.7			1		
104	106		7569		2		50.5			3		
106	108		7570		2		72.1			1/2		
		COMPO.			12	cil	15.2	20.3	64.4	5	0.04	
						Ave	14.9					
114	116		7571		2		57.3			1		
116	118	CES	7572		2		57.0			3		
125	127	P.A. 425 & R.C.	7573		2		8.3			6		122.5-128 5
127	129		7574		2		57.1			1		
			7573		2	cil	27.0	19.7	72.0	5	0.25	
132	134	COMPOSITE 7575-77	7575		2		17.0			6 1/2		131-141 10
134	136		7876		2		12.5			2 1/2		
136	138		7877		2		20.1			3 1/2		
138	140		7878		2		64.9			1		
			COMPO.			6	cil	10.7	19.2	64.0	3 1/2	0.04
385	387	CES	7880		2		72.8			1/2		

# Diamond Drill Geological Log



K- FORMING 74(3)C-2

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: R.K. Date: November 6, 1974 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: EAGLE MTN. SOUTH App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: \_\_\_\_\_

40 Scale

Color Plot & Dips

Ore Classes & Aver.

From	To	Discard:	Reason:
INTERSECTIONS TAKEN FROM RADIATION LOG.			
0	5		Overburden (Casing 0-10')
5	30		Mostly sandstone, with siltstone laminations.
30	88		Mudstone.
88	92		Coal 4'.
92	97		Mudstone.
97	104	1	Coal 7'.
104	110		Mudstone.
110	118	2	Coal 8'.
118	122		Mudstone 4'.
122	124		Coal 2'.
124	132		Mudstone.
132	140		Coal 2'.
140	151		Mudstone.
151	237		Interbedded siltstone and sandstone.
237	220		Siltstone.
220	227		Mudstone.
227	263	3	Coal 36'.
263	274		Mudstone 11'.
274	280	4	Coal 6'.
280	300		Sandstone, mudstone near top.
End of hole at 300'			
October 27, 1974			

Core Size

Hole No. RH 368

Page 1 OF 1



COMPOS. REQUESTED NOV. 20 '74

DIAMOND DRILL SAMPLING RECORD

RH 368

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
87	89		7881		2		49.1			1		
89	91		7882		2		37.1			2		88-92 4'
91	93		7883		2		39.8			2		
98	100		7884		2		52.5			1/2		
100	102	GNEISS 7885-116	7885		2		10.2			8		97-102 7'
102	104		7886		2		10.7			7 1/2		
104	105		7887		1		60.5			1		
			COMPO		4	0.1	10.4	23.9	65.4	7 1/2	0.27	
114	116	GNEISS 7888-119	7888		2		24.9			3 1/2		110-116 2'
116	118		7889		2		9.8			5 1/2		
				COMPO		4	0.1	17.3	24.5	57.4	4 1/2	0.25
141	143		7890		2		66.0			1		
143	145		7891		2		58.9			1		
230	232		7892		2		12.9			3		227-243 36'
232	234		7893		2		40.8			1 1/2		
234	236		7894		2		64.0			1/2		CALC. AVE 40.3%
236	238		7895		2		44.3			4		
238	240		7896		2		27.6			4		
240	242		7897		2		22.7			6		
242	244		7898		2		39.6			1		
244	246	GNEISS 7896-03	7899		2		18.3			6		CALC. AVE 23.7%
246	248		7900		2		30.5			2		
248	250		7901		2		11.9			2		
250	252		7902		2		11.2			1		
252	254		7903		2		27.7			6 1/2		
254	256		7904		2		73.5			1		
256	258	CEG	7905		2		46.7			1		CALC. AVE 42.1%
			COMPO,		16	0.1	24.1	20.0	55.8	2 1/2	0.03	

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
258	260	COMPOSITE 7906-07	7906		2		17.2			5		
260	262		7907		2		31.0			3		
262	264		7908		2		63.6			1		
264	266		7909		2		87.8			0		
		CES	COMPO		4	0.1	24.7	2.2	52.0	4	0.16	
273	275	CES	7910		2		67.9			1		
275	277		7911		2		34.6			4		27A-280
277	279	COMPOSITE 7911-13	7912		2		21.3			7 1/2		
279	281		7913		2		44.2			6		
281	283	CES	7914		2		84.9			0		
			COMPO		6	0.4	33.7	10.3	46.6	6 1/2	0.09	

# Diamond Drill Geological Log



1C - FOREING 74(3)C-2

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

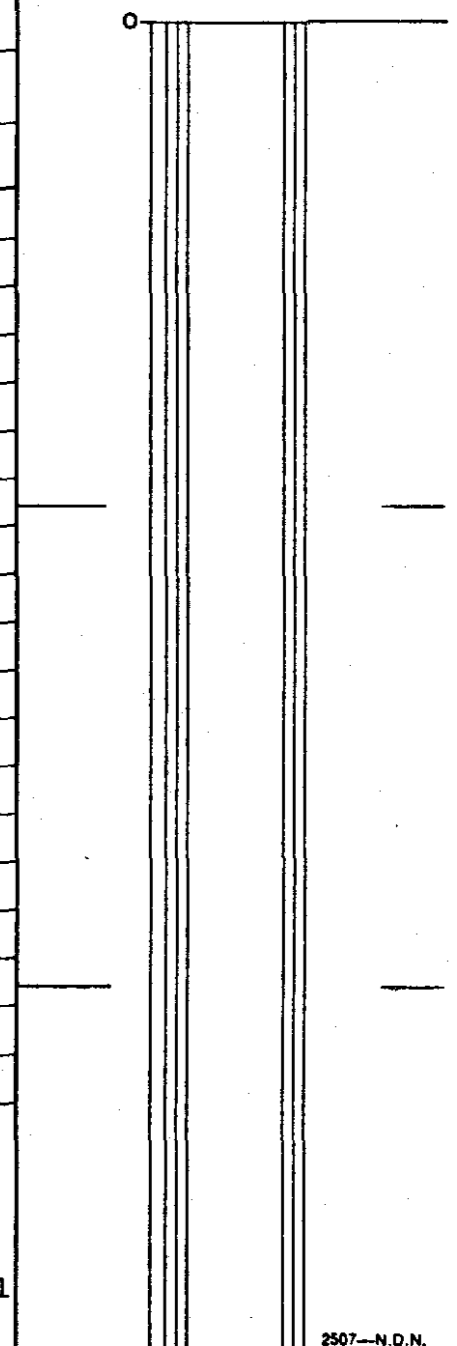
Logged By: R.K. Date: November 6, 1974 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: EAGLE MTN. SOUTH App. Bear: \_\_\_\_\_ App.: Dip.: \_\_\_\_\_ Length: \_\_\_\_\_

**317**

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.

From	To	Discard:	Reason:
			INTERSECTIONS TAKEN FROM RADIATION LOG.
0	15	Casing (Overburden 0-16'?)	
15	20.5	Mudstone.	
20.5	27.5	Coal 7'	
27.5	39	Mudstone.	
39	43	Coal 4'	
43	93	Mudstone.	
93	107	Siltstone grading to sandstone near bottom.	
107	146	Sandstone.	
146	165	Mudstone and siltstone.	
165	212	Sandstone.	
212	248	Mudstone.	
248	252	Coal 4'	
252	277	Mudstone.	
277	311	Siltstone with mudstone interbeds.	
311	333	Mudstone.	
333	400	Siltstone grading into sandstone towards bottom.	
		End of hole at 400'	
		October 31, 1974	



Core Size \_\_\_\_\_

Hole No. RH 369 Page 1 OF 1

DIAMOND DRILL SAMPLING RECORD

RH 369

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
20	22		7915		2		38.7			0		20.5 - 27.5 7
22	24		7916		2		38.8			1/2		
24	26		7917		2		18.8			1 1/2		
26	28	COMPOSITE 7917-19	7918		2		21.8			1 1/2		
28	30		7919		2		20.5			8		
			COMPOSITE		6	0.1	26.8	23.4	55.1	3	0.11	
44	46		7920		2		40.9			6		
215	217	CES	7921		2		32.4			6		
249	251	CES	7922		2		53.9			1		
251	253		7923		2		35.4			4		
253	254	CES	7924		1		73.2			1		
257	259	CES	7925		2		76.2			1		
262	264	CES	7951		2		68.5			1/2		
264	266	CES	7952		2		83.2			0		
312	314		7953		2		19.7			1		
314	316	VOID.										
317	319	CES	7954		2		68.5			1/2		
325	327		7955		2		49.6			1		
327	329	CES	7956		2		65.8			1/2		

# Diamond Drill Geological Log



Objective:

Sampled:

Logged By: R.K.

Date: NOVEMBER 8, 1974

Composites:

Block:

Sect.:

Place:

App. Bear:

App. Dip.:

Length:

EAGLE MTN. SOUTH

350'

From	To	Discard:	Reason:
INTERSECTIONS TAKEN FROM RADIATION LOG.			
0	53		Mudstone.
53	59		Coal 6'.
59	155.5		Mudstone.
155.5	158.5		Coal 3'.
158.5	163		Mudstone.
163	174	1	Coal 11'.
174	180		Mudstone 6'.
180	187	2	Coal 7'.
187	197		Mudstone.
197	199		Coal 2'.
199	295		Mudstone.
295	298		Siltstone.
298	319		Sandstone.
319	350		Mudstone, with thin sandstone interbed at 334'.
End of hole at 350'			
November 1, 1974			

40 Scale

Color Plot & Dips

Ore Classes & Aver.

Core Size

Hole No. RH 370

Page 1 OF 1

DIAMOND DRILL SAMPLING RECORD

RH 370

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
146	148		7957		2		53.2			1/2		
148	150		7958		2		47.2			1		
150	152		7959		2		58.1			1/2		
152	154		7960		2		58.2			1/2		
154	156		7961		2		54.6			1		
156	158	RA. of S. & FSI	7962		2		29.3			2 1/2		158.5-158.5
158	160		7963		2		39.0			3		
160	162		7964		2		46.9			1/2		
162	164		7965		2		55.7			1		16.3-174
164	166		7966		2		59.0			1		
		RA. of S & FSI	7967		2	0.4	29.2	20.0	50.4	2 1/2	0.17	
167	169		7967		2		9.9			6		
169	171	COMPOSITE 7967-70	7968		2		12.2			8		
171	173		7969		2		19.0			6		
173	175		7970		2		28.7			5 1/2		
			COMPO.		3	0.5	16.0	24.4	50.3	7	0.54	
						Ave	17.4					
181	183		7971		2		16.7			4		180-187
183	185	COMPOSITE 7971-73	7972		2		10.1			6 1/2		
185	187		7973		2		17.4			5 1/2		
187	189		7974		2		51.5			5		
189	191	C & S	7975		2		78.6			1/2		
			COMPO.		6	0.4	14.9	24.7	60.0	6	0.30	
						Ave	14.7					
196	198		7926		2		48.0			1		
198	200		7927		2		52.8			2		
200	202		7928		2		58.9			1		
202	204	C & S	7929		2		86.7			0		

# Diamond Drill Geological Log



K-FORING 74(3)C-2

Objective:

Sampled:

**317**

Logged By: RK

Date: AUGUST 9, 1974

Composites:

Block:

Sect.:

Place:

UPPER GREENHILLS

App. Bear:

App.: Dip.:

Length:

500'

From To Discard: Reason:  
**INTERSECTIONS TAKEN FROM RADIATION LOG.**

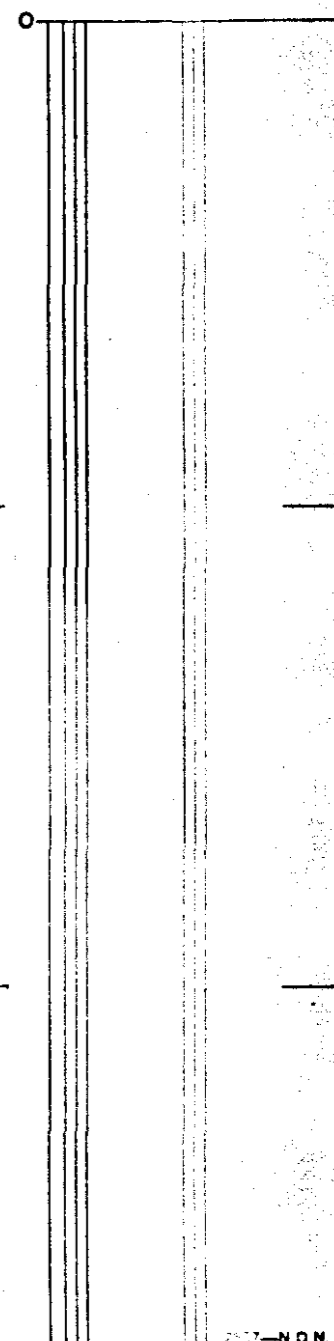
0	10	Overburden (Casing 0-15')
10	104	Mostly mudstone, some siltstone.
104	117	Coal 13' SEAM-I
117	168	Siltstone and mudstone.
168	171	Coal 3'
171	208	Mudstone, occasional siltstone bands.
208	230	Sandstone.
230	272	Siltstone and mudstone.
272	293	Coal 21' SEAM-H
293	299	Mudstone.
299	301.5	Coal 2.5'
301.5	321	Mudstone.
321	344	Sandstone.
344	355	Mudstone.
355	365	Coal 10'
365	404	Sandstone and siltstone.
404	409	Coal 5'
409	417.5	Mudstone.
417.5	424.5	Coal 7'
424.5	469	Mudstone.
469	472.5	Coal 3.5'
472.5	500	Mudstone and sandstone.
End of hole at 500' JULY 30, 1974		

Core Size

Hole No. RH 749

Page IOFI

40 Scale  
 Color Plot & Dips  
 Ore Grades & Aver.



COMPOSITES. REQUESTED. NOV. 5 '74.  
 P.A., plus FSI.  
 Weight by footages represented.

DIAMOND DRILL SAMPLING RECORD  
RH-749

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
84	86	C&S	6808		2		59.5			1		
105	107		6809		2		24.9			6 1/2		RAD LOG
107	109		6810		2		23.3			4		10A-117 13
109	111		6811		2		18.5			7 1/2		
111	113	COMPOSITE	6812		2		3.4			8		
113	115	6809-17 Inclusive.	6813		2		2.0			8 1/2		
115	117	J	6814		2		2.6			8 1/2		
117	119		6815		2		19.9			7		
119	121		6816		2		26.8			6 1/2		
121	123		6817		2		15.9			6 1/2		
123	125		6818		2		67.3			1		
		COMPOSITE			18	0.5	14.9	27.1	57.5	7 1/2	0.57	
148	150		6819		2		53.2			2 1/2		
162	164		6820		2		10.2			8		
164	165	C&S	6821		1		67.9			1 1/2		
171	173		6822		2		19.3			7 1/2		



DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
173	175		6823		2		47.7			4 1/2		
273	275		6824		2		25.3			4 1/2		RAD LOG
275	277		6825		2		25.0			5 1/2		272-293
277	279		6827		2		14.3			7 1/2		
279	281		6828		2		19.2			7 1/2		
281	283		6829		2		33.4			6		
283	285	COMPOSITE	6830		2		5.1			8		
285	287	# 6824-25, 27-35 "	6831		2		10.4			7 1/2		
287	289	inclusive	6832		2		9.2			7		
289	291		6833		2		5.0			8		
291	293		6834		2		5.6			8		
293	295		6835		2		17.5			7 1/2		
295	297		6836		2							
297	299	C&S	6837		2		62.6			1		
299	301	Shale (Coal Stringers)	6838		2		89.2			0		
		COMPOSITE 6824-25, 27-35			22	0.4	15.0	26.8	57.8	7 1/2	0.43	

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
359	361		6839		2		12.1			6 1/2		RAD LOG 355-365' 10
361	363			6840		2	6.6			6 1/2		
363	365			6841		2	8.6			5 1/2		
		COMPOSITE	6839-41		6	0.4	8.9	24.7	56.0	6 1/2	0.59	
409	411		6842		2		21.9			7 1/2		404-409' 5
411	413	C & S		6843		2		30.3			7 1/2	
		COMPOSITE	6842-43		4	0.4	25.9	23.0	50.7	7 1/2	0.65	
421	423		6844		2		11.1			7 1/2		417 <sup>S</sup> -424.5
423	425		6845		2		8.8			8 1/2		
425	427	C & S	6846		2		38.5			5		
427	429	C & S	6847		2							
473	475		6848		2		27.6			3		
475	477		6849		2		33.9			6 1/2		

# Diamond Drill Geological Log



40 Scale  
Color Plot & Dips    Ore Classes & Aver.

Objective: \_\_\_\_\_  
 Logged By: **RK**      Date: **AUGUST 9, 1974**      Composites: \_\_\_\_\_  
 Sampled: \_\_\_\_\_

**317**

Block: \_\_\_\_\_    Sect: \_\_\_\_\_    Place: **GREENHILLS**    App. Bear: \_\_\_\_\_    App. Dip.: \_\_\_\_\_    Length: **470'**

From    To    Discard:    Reason: \_\_\_\_\_

**INTERSECTIONS TAKEN FROM RADIATION LOG.**

0	15	Casing.
15	106.5	Mudstone and sandstone interbeds.
106.5	119.5	Coal 13'    SEAM-I
119.5	183.5	Interbedded siltstone and mudstone.
183.5	186.5	Coal 3'
186.5	285.5	Siltstone occasional sandstone interbeds.
285.5	306	Coal 20.5'    SEAM-H
306	315	Mudstone.
315	319.5	Coal 4.5'
319.5	401	Mostly sandstone some mudstone.
401	409	Coal 8'    SEAM-GU
409	442	Silty sandstone.
442	453	Coal 11'    SEAM-GL
453	470	Mudstone.

End of hole at 470'

JULY 31, 1974

Core Size

Hole No.

**RH 750**

Page

**IOFI**

COMPOSITES REQUESTED, AUG 16 '74

P.A., % S & FSI.

Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 750

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
107	109	COMPOSITE # 6850-55 Inclusive	6850		2		13.3			5 1/2		106.5 - 119.5 (3)
109	111		6851		2		4.8			8 1/2		
111	113		6852		2		6.8			8		
113	115		6853		2		2.5			8		
115	117		6854		2		3.2			8		
117	119		6855		2		4.6			8 1/2		
119	121	C & S	6856		2		47.2			4		
121	123	C & S	6857		2		39.2			6 1/2		
		COMPOSITE	6850-55		12'	0.4	5.5	28.6	6.5-5	7 1/2	0.42	
151	153	C & S	6858		2		49.6			4		
160	162	C & S	6859		2		11.0			3		
185	187		6860		2		15.3			7 1/2		
187	189	C & S	6861		2		57.4			3		
288	290	#1	6863		2		23.5			7		285.5 - 306 20
290	292		6864		2		47.8			4		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
292	294	} #1 COMPOSITE # 6863-6871	6865		2		14.1			7 1/2		
294	296		6866		2		3.7			8 1/2		
296	298		6867		2		9.3			7 1/2		
298	300		6868		2		10.5			7 1/2		
300	302		6869		2		3.4			7 1/2		
302	304	} #2 COMPOSITE # 6865-6871	6870		2		6.6			8		
304	306		6871		2		10.5			7 1/2		
306	307	C & S	#2 COMPOSITE 6865-71 6872		14' 1	0.2	8.4 48.3	29.5	61.9	7 1/2 5 1/2	0.37	
			#1 COMPOSITE 6863-71		18'	0.2	15.0	28.4	56.4	8	0.35	
316	318	} COMPOSITE # 6873-74	6873		2		10.0			8		315-319.5
318	320		6874		2		30.1			6 1/2		
			(COMPOSITE 6873-74)			4'	0.2	19.6	27.2	53.0	8	0.50
402	404	C & S.	6875		2		15.3			1 1/2		401-409 E
404	406	} COMPOSITE # 6875-78	6876		2		10.0			3 1/2		
406	408		6877		2		7.0			7 1/2		
408	410		6878		2		14.6			5		

COMPOSITE 6875-78

8' 0" 11.7 24.9 63.3 4 1/2 0.76

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
442	444	C 25 COMPOSITE # 6879-85	6880		2		17.8			8		442-453 "
444	446		6881		2		24.8			7 1/2		
446	447		6882		1		30.2			0		
447	449		6883		2		8.9			8		
449	451		6884		2		8.4			8 1/2		
451	453		6885		2		23.6			7		
453	455		6886		2		31.0			4		
455	457				2		56.3			1 1/2		
		COMPOSITE 6879-85			13'	0.1	27.9	23.3	48.7	6 1/2	0.58	

# Diamond Drill Geological Log



1C - FORDING 74(3)C-2

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: RK Date: AUGUST 9, 1974 Composites: \_\_\_\_\_

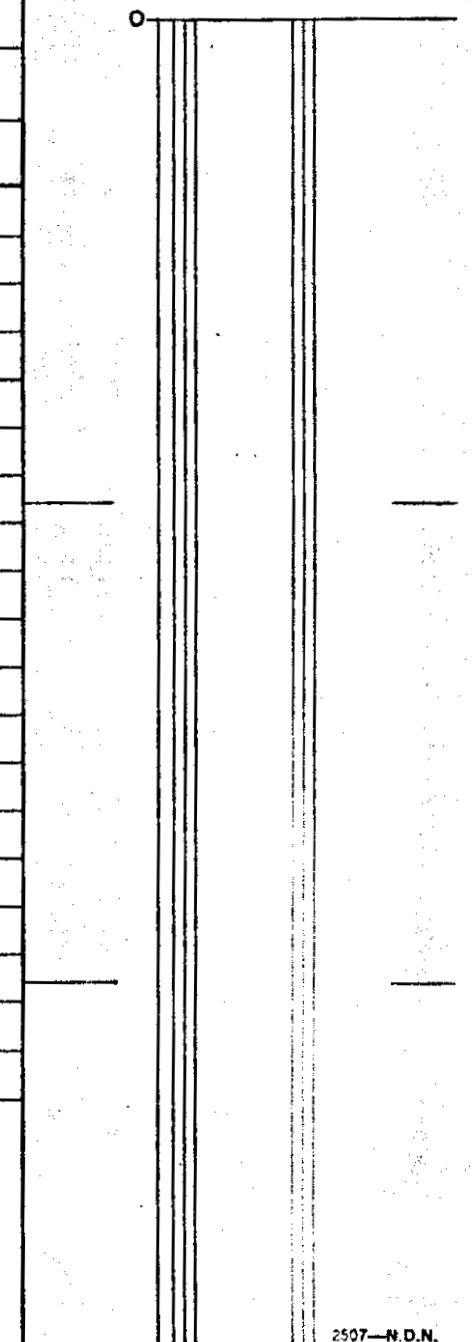
Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: GREENHILLS App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: 292'

**317**

40 Scale

Color Plot & Dips      Ore Classes & Aver.

From	To	Discard:	Reason:
			INTERSECTIONS TAKEN FROM RADIATION LOG.
0	15	Casing.	
15	63	Mudstone and siltstone interbeds.	
63	119	Mostly siltstone, some sandstone.	
119	121.5	Coal 2.5'	
121.5	126	Mudstone.	
126	140	Coal 14' SEAM-I	
140	143	Mudstone.	
143	145	Coal 2'	
145	168.5	Mudstone.	
168.5	176.5	Coal 8'(7), one foot mudstone band at 171.5'	
176.5	245	Mudstone with occasional sandstone bands.	
245	251.5	Coal 5', thin mudstone band at 247'.	
251.5	253.5	Mudstone.	
253.5	268.5	Coal 15' SEAM-H	
268.5	292	Mudstone with thin coal bands at 270' & 280'.	
		End of hole at 292'	



Core Size \_\_\_\_\_

Hole No. RH 751 Page IOFI

COMPOSITES REQUESTED. AUG. 10, 14.  
 P.A. % S  $\frac{1}{4}$  FSI.  
 Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 751

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
35	36		6887		1		3.4			1 1/2		
121	122		6888		1		63.1			1		
127	128		6889		1		79.9			0		126-140 14
128	130		6890		2		18.2			6		143-145 2
130	132		6891		2		6.9			8		
132	134		6892		2		7.1			7 1/2		
134	136	COMPOSITE	6893		2		3.1			8		
136	138	# 890-96	6894		2		6.7			8		
138	140		6895		2		4.4			8 1/2		
140	142		6896		2		20.5			7 1/2		
			COMPOSITE 896-96		14	0.1	27.4	30.6	59.5	8	0.48	
144	146		6897		2		53.0			2		
148	150		6898		2		21.8			7 1/2		
172	174	P.A. % S $\frac{1}{4}$ FSI	6899		2		21.3			7		168-176 <sup>5</sup> 80
176	178	COMPOSITE	6900		2		19.6			7 1/2		
178	180	6900-01	6901		2		18.9			7 1/2		
180	182	C & S	COMPOSITE 6900-01		4	0.2	19.0	26.3	54.5	7 1/2	0.63	
			6902		2		81.7			0		



DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S.	REMARKS
250	252		6903		2		11.6			7 1/2		
252	254		6904		2		19.7			7		
254	256	C&S	6905		2		65.8			1		
256	258	C&S	6906		2		12.3			7 1/2		
258	260		6907		2		4.7			8		
260	262	COMPOSITE	6908		2		37.4			5 1/2		
262	264	* 6903-12	6909		2		7.7			8		
264	266		6910		2		6.0			7		
266	268		6911		2		9.6			7 1/2		
268	270		6912		2		10.3			7 1/2		
270	272	C&S	6913		2		54.9			3 1/2		
272	274	C&S	6914		2		33.9			3 1/2		
274	276	C&S	6915		2		75.6			1		
		COMPOSITES	6903-12		20	0.1	20.4	26.3	53.2	7	0.40	
283	285		6916		2		54.4			2		

# Diamond Drill Geological Log



K-FORING 74(3)C-2

Objective: \_\_\_\_\_ Sampled: **317**

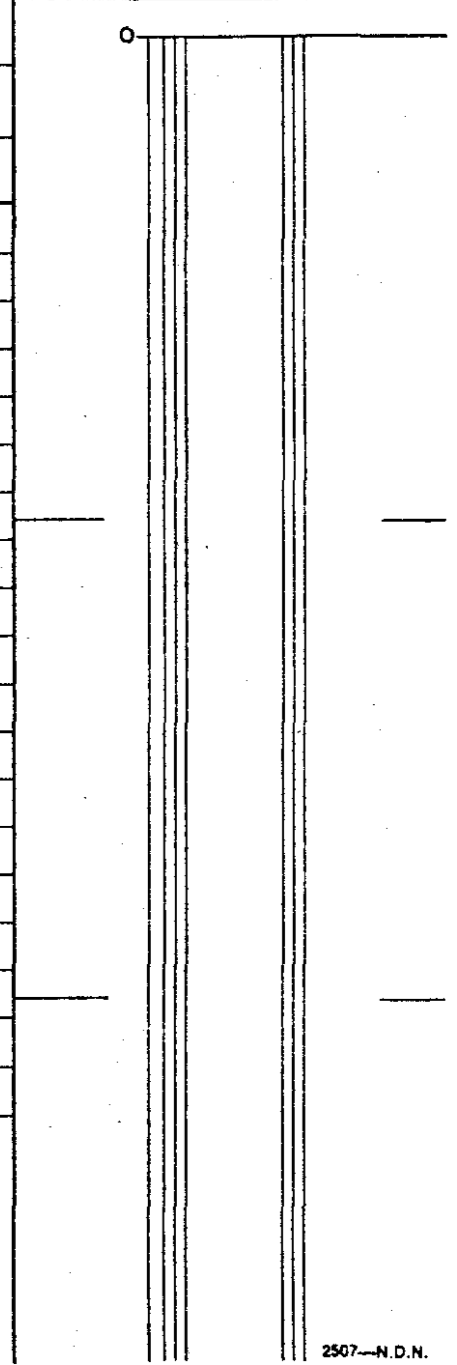
Logged By: R.K. Date: SEPT. 12, 1974 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect: \_\_\_\_\_ Place: UPPER GREENHILLS App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: \_\_\_\_\_

40 Scale

Color Plot & Dips    Ore Classes & Aver.

From	To	Discard:	Reason:
			FOR 0-391' INTERSECTIONS TAKEN FROM RADIATION LOG.
0	15	Casing (overburden 15'?)	
15	34	Mudstone.	
34	40	Coal 6'.	
40	91	Mudstone, sandstone bands from 60 to 64', and 81 to 83'.	
91	157	Mostly sandstone, several mudstone bands.	
157	166.5	Mudstone.	
166.5	168	Coal 1.5'.	
168	170	Mudstone.	
170	192	Coal, with 2' mudstone parting from 176 to 178'	SEAM-I 22(20')
192	258	Mudstone, with occasional siltstone interbeds.	
258	264	Coal 6'.	
264	271	Mudstone.	
271	283	Sandstone.	
283	308.5	Mudstone, some siltstone.	
308.5	313.5	Coal, with one foot mudstone parting at 310'	5(4')
313.5	320	Mudstone.	
320	333	Coal 13'	SEAM-H
333	348	Mudstone.	
348	351	Coal 3'.	
351	400	Sandstone.	



End of hole at 400'

August 10, 1974

Core Size \_\_\_\_\_

Hole No. RH 752 Page 10F1

COMPOSITES REQUESTED OCT. 17 '74

P.A. , G.S. & F.S.F.

Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 752

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
36	38		6976		2		9.0			2 1/2		
38	40	COMPOSITE 6976-79 inclusive	6977		2		7.9			7 1/2		
40	42		6978		2		10.4			1 1/2		
42	44		6980		2		55.6			0		
44	45		6981		1		55.2			0		
		COMPOSITE			6	0.5	9.4	23.6	66.5	4	0.12	
169	171		6982		2		49.9			2 1/2		
171	173		6983		2		37.5			2 1/2		
173	175		6984		2		25.2			5 1/2		
175	177		6985		2		20.2			5 1/2		
177	179		6986		2		26.9			7		
179	181		6987		2		33.4			5 1/2		
181	183	SEAM - I	6988		2		12.2			7		
183	185	COMPOSITE * 6984-94	6989		2		11.6			7		
185	187		6990		2		10.0			6 1/2		
187	189		6991		2		6.7			8		
189	191		6992		2		5.7			7 1/2		

Contd.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S.	REMARKS
191	193		6993		2		9.4			7 1/2		
193	195		6994		2		12.8			8		
195	197		6995		2		51.1			2 1/2		
197	199		6996		2		48.6			3		
		SEAM-T	COMPOSITE		22	0.7	14.6	22.2	62.5	6 1/2	0.31	
260	262	COMPOSITE 6997-98	6997		2		14.5			7 1/2		
262	264		6998		2		18.9			6 1/2		
264	266	C&S	6999		2		66.6			1		
			COMPOSITE		4	0.6	16.5	20.9	62.0	7	0.44	
310	312		7000		2		66.1			1		
312	314	PA. o.l.s & FSC	6926		2		25.1			6 1/2		
314	316	C&S	6927		2		76.4			1		
321	323		6928		2		7.6			8		
323	325		6929		2		9.9			6 1/2		
325	327	SEAM-H	6930		2		8.9			7 1/2		
327	329	COMPOSITE 6928-33	6931		2		4.8			6 1/2		

CONT.



# Diamond Drill Geological Log



K-FORING 74(3)C-2

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM E&D

Sampled:

**317**

Logged By: RK

Date: AUGUST 9, 1974

Composites:

Block: Sect: Place: GREENHILLS App. Bear: App. Dip: Length: 216'

From	To	Discard:	Reason:
0	15	Casing (Overburden 15')	
15	40	Mostly sandstone, several siltstone interbeds.	
40	47	Siltstone and mudstone interbeds.	
47	61	Coal 14' SEAM-E	
61	74	Mudstone.	
74	128	Interbedded sandstone and siltstone, one foot coal band at 117'.	
128	134	Shale and coal stringers.	
134	136	Coal and shale.	
136	146	Sandstone.	
146	176	Coal 30' SEAM-D	
176	178	Shale and coal.	
178	186	Coal 8'	
186	199	Shale.	
199	200	Coal and shale.	
200	206	Coal 6' SEAM-DL	
206	216	Sandstone.	

FOR 0-112' INTERSECTIONS TAKEN FROM RADIATION LOG.

End of hole at 216'

AUGUST 4, 1974

40 Scale  
Color Plot & Dips  
Ore Grades & Aver.

Core Size

Hole No.

RH 753

Page

IOFI

# Diamond Drill Geological Log



40 Scale  
Color Plot & Dips    Ore Classes & Aver.

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM E&D    Sampled:

Logged By: RK    Date: AUGUST 9, 1974    Composites:

Block:    Sect.:    Place: GREENHILLS    App. Bear:    App. Dip.:    Length: 254'

From    To    Discard:    Reason: FOR 0-232' INTERSECTIONS TAKEN FROM RADIATION LOG.

0	17	Overburden (Casing 15')
17	25	Mudstone.
25	53	Sandstone and siltstone interbeds.
53	67.5	Mudstone.
67.5	97	Coal 29.5', SEAM-E
97	108	Mudstone.
108	162	Sandstone and siltstone interbeds.
162	168	Mudstone.
168	192	Coal 24', 1.5' Mudstone band at 186'. SEAM-D
192	206.5	Mudstone.
206.5	212.5	Coal 6' SEAM-DL
212.5	218	Mudstone.
218	242	Sandstone and siltstone interbeds.

End of hole at 242'  
AUGUST 4, 1974

Core Size  
Hole No. RH 754    Page IOFI

# Diamond Drill Geological Log



Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM E&D

Sampled:

Logged By: RK

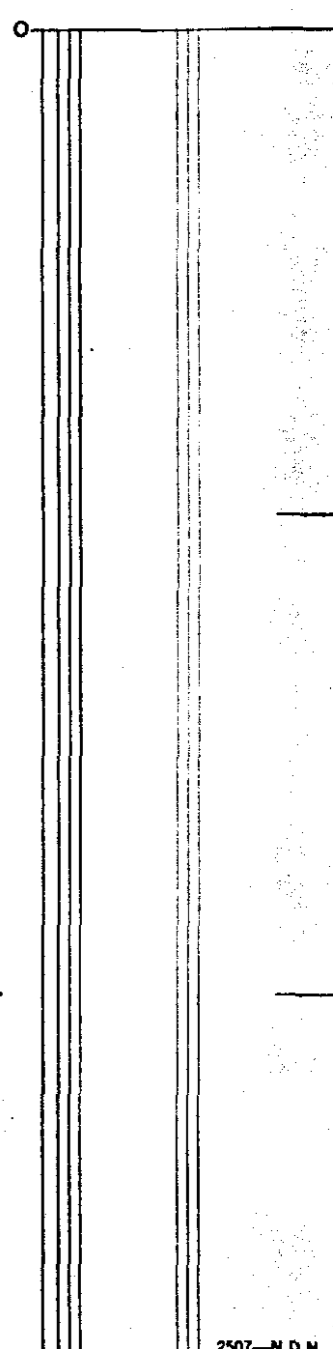
Date: AUGUST 9, 1974

Composites:

Block: Sect.: Place: **GREENHILLS** App. Bear: App. Dip.: Length: **275'**

From	To	Discard:	Reason:
			FROM 0-263' INTERSECTIONS TAKEN FROM RADIATION LOG.
0	13	Overburden (Casing 0-15')	
13	39	Sandstone and siltstone.	
39	43	Coal 4'	
43	90	Mudstone.	
90	115	Coal 25' SEAM-E	
115	127	Mudstone.	
127	186.5	Sandstone and siltstone interbeds.	
186.5	224	Coal 37.5', 1.5' Mudstone band at 216.5'. SEAM D	
224	242	Sandstone and siltstone interbeds.	
242	248	Coal 6' SEAM DL	
248	275	Mudstone and siltstone interbeds.	
		End of hole at 275'	
		AUGUST 5, 1974	

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.



Core Size  
Hole No. **RH 755** Page **IOFI**



# Diamond Drill Geological Log



Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM E&D

Sampled:

Logged By: RK Date: AUGUST 9, 1974

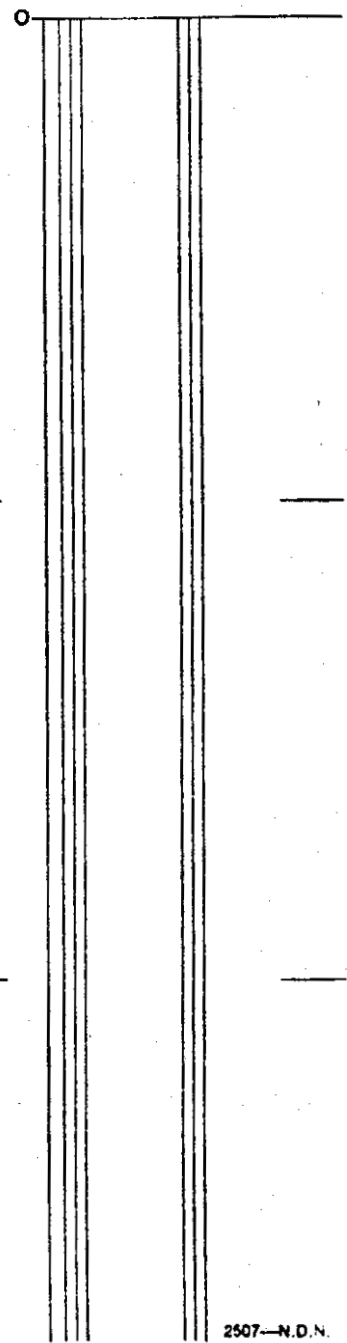
Composites:

Block: Sect.: Place: GREENHILLS App. Bear: App.: Dip.: Length:

From To Discard: Reason: FOR 0-277' INTERSECTIONS TAKEN FROM RADIATION LOG.

0	11	Overburden (0-15' casing)
11	113	Siltstone, sandstone.
113	139	Coal 26' SEAM-E
139	150	Mudstone.
150	212	Sandstone and siltstone interbeds.
212	216	Mudstone.
216	243	Coal 27' SEAM-D.
243	263	Mudstone and mudstone interbeds.
263	269	Coal 6' SEAM-DL
269	290	Mudstone and siltstone.
End of hole at 290'		
AUGUST 6, 1974		

40 Scale  
Color Plot & Dips Ore Classes & Aver.



Core Size  
Hole No. RH 756 Page 1 Of 1



# Diamond Drill Geological Log



40 Scale

Color Plot & Dips

Ore Grades & Aver.

Objective:

Sampled:

Logged By: RK

Date: AUGUST 9, 1974

Composites:

Block:

Sect.:

Place:

App. Bear:

App. Dip.:

Length:

GREENHILLS

From To Discard:

Reason:

FOR 0-241' INTERSECTIONS TAKEN FROM RADIATION LOG.

0	16	Casing.
16	67	Mudstone.
67	100	Sandstone.
100	120	Mudstone, occasional siltstone beds.
120	143	Coal 23' SEAM E
143	151	Mudstone.
151	210	Sandstone and siltstone interbeds.
210	213	Mudstone.
213	219	Coal 6'
219	230	Mudstone.
230	250	Sandstone.

End of hole at 250'

AUGUST 7, 1974

Core Size

Hole No. RH 758

Page IOFI

# Diamond Drill Geological Log



40 Scale  
Color Plot & Dies Ore Class. S. A.

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM E&D

Sampled:

Logged By: RK

Date: AUGUST 13, 1974

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length: 195'

GREENHILLS

From To Discard: Reason: INTERSECTION TAKEN FROM DRILLER'S REPORT.

0	15	Casing.
15	49	Shale.
49	59	Sandstone.
59	78	Shale.
78	100	Coal 22' SEAM-E
100	157	Shale.
157	186	Coal 29' SEAM-D
186	195	Shale.

End of hole at 195'  
AUGUST 8, 1974

Core Size

Hole No. RH 759 A

Page IOFI

# Diamond Drill Geological Log



Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-F

Sampled:

Logged By: RK

Date: SEPT. 10, 1974

Composites:

Block:

Sect.:

Place:

App. Bear:

App. Dip.:

Length:

DRILLER G. KEIM

UPPER GREENHILLS

From To Discard:

Reason:

From	To	Discard:	Reason:
0	67	Rock	Overburden - S ?
67	68	Coal	1'
68	72	Rock.	
72	74	Coal	2'
74	177	Hard rock.	

Hole No. 760 Elev. 5613.4  
 Lat. 43° 45' 49" N Dep. 7146.2  
 Elev. Th.  
 Top of \_\_\_\_\_ @ \_\_\_\_\_ | '  
 Top of \_\_\_\_\_ @ \_\_\_\_\_ | '  
 Top of \_\_\_\_\_ @ \_\_\_\_\_ | '  
 Top of \_\_\_\_\_ @ \_\_\_\_\_ | '

End of hole at 177'

Core Size

B-50 DRILL NOT SAMPLED.

Hole No. RH 760

Page 10F1

40 Scale

Color Plot & Dips

Ore Classes & Aver.



# Diamond Drill Geological Log



40 Scale  
Color Plot & Dips    Ore Classes & Aver.

Objective:

Sampled:

Logged By: RK

Date: Oct. 8, 1974

Composites:

Block:                      Sect.:                      Place: GREENHILLS                      App. Bear:                      App. Dip.:                      Length: 126'

From    To    Discard:                      Reason: INTERSECTIONS TAKEN, FROM RADIATION LOG.

0	28	Overburden? (Casing 0-26')
28	46	Sandstone and siltstone interbeds.
46	62	Mudstone, with thin siltstone interbed.
62	81.5	Coal 19.5' Seam-F
81.5	101	Mudstone.

End of hole at 101'

October 2, 1974

Core Size

Hole No. RH 762 A

Page 1 OF 1

# Diamond Drill Geological Log



40 Scale  
Color Plot & Dips    Ore Classes & Aver.

Objective:

Sampled:

Logged By: RK

Date: Sept. 19, 1974

Composites:

Block:                      Sect:                      Place: **Greenhills (upper)**                      App. Bear:                      App. Dip:                      Length:

From    To    Discard:                      Reason:  
**NO RADIATION LOG.**

0	15	Casing.
15	45	Sand and gravel, probably overburden.
45	47	Coal 2'.
47	49	Coal and shale.
49	69	Sandstone? (Driller: "Sand & Gravel")
69	77	Coal 8'.
77	79	Coal and shale 2'.
79	114	Sandstone.
114	116	Coal stringers.
116	135	Mudstone.

End of hole at 135'

Sept. 4, 1974

Core Size

Hole No.

RH 763

Page

10F1



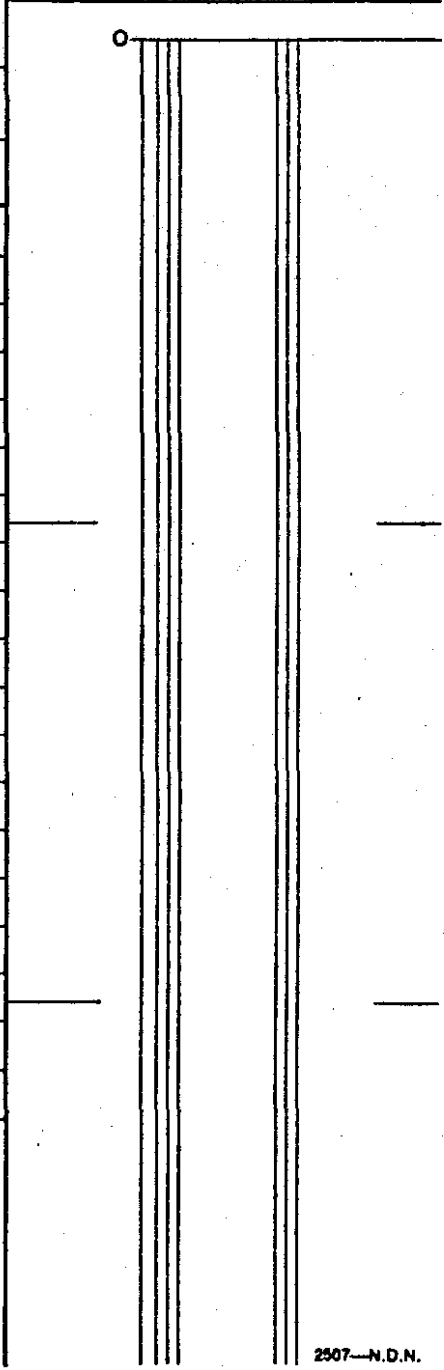
# Diamond Drill Geological Log



40 Scale  
Color Plot & Dips    Ore Classes & Aver.

Objective:		Sampled:	
Logged By: RK		Date: Sept. 19, 1974	
Block:		Composites:	
Sect:	Place:	App. Bear:	App.: Dip.:    Length:
	Greenhills (upper)		

From	To	Discard:	Reason:
			<b>NO RADIATION LOG.</b>
0	15		Casing.
15	28		Sand and gravel (probably overburden).
28	52	Coal 24'	SEAM-F
52	69		Sandstone.
69	71		Coal and shale.
71	77		Mudstone.
77	81		Coal 4'.
81	130		Mudstone and sandstone.
			End of hole at 130'
			Sept. 5, 1974



Core Size  
Hole No.    Page  
RH 764    10F1

# Diamond Drill Geological Log



Objective:

Sampled:

Logged By: R.K.

Date: SEPT. 12, 1974

Composites:

Block:

Sect.:

Place: GREENHILLS SOUTH

App. Bear:

App.: Dip.:

Length:

From	To	Discard:	Reason:
			FOR 0-234' INTERSECTIONS TAKEN FROM RADIATION LOG.
0	15	Casing. (overburden 0-10')	
15	57	Mostly siltstone, some mudstone.	
57	110	Sandstone.	
110	182	Mudstone.	
182	193	Coal 11'.	
193	205	Mudstone.	
205	246	Siltstone and silty sandstone.	
246	252	Coal and shale.	
252	267	Shale.	
		End of hole at 267'	
		September 7, 1974	

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.

Core Size

Hole No. RH 765

Page 1 OF 1

# Diamond Drill Geological Log



Objective:

Sampled:

Logged By: R.K.

Date: SEPT. 12, 1974

Composites:

Block:

Sect.:

Place: GREENHILLS SOUTH

App. Bear:

App.: Dip.:

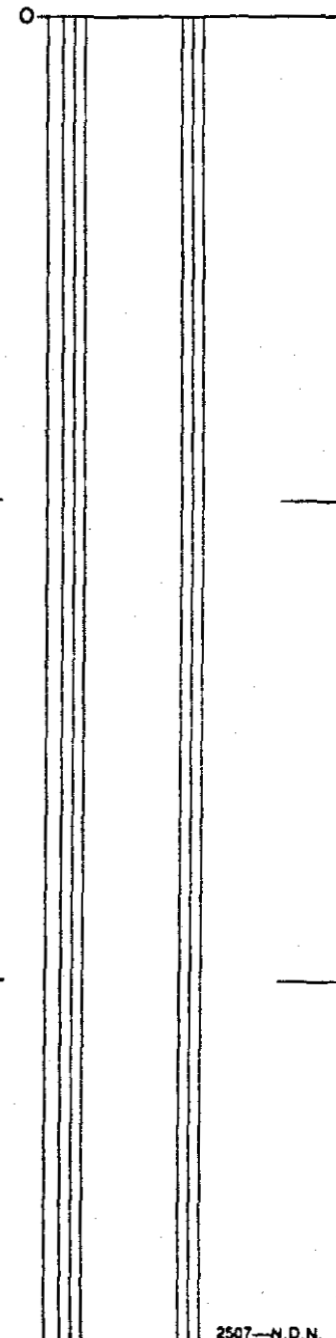
Length:

From To Discard: Reason: INTERSECTIONS TAKEN FROM RADIATION LOG.

0	15	0-15' casing.
15	40	Sandstone.
40	52	Mudstone, probable fault zone at 44'.
52	137	Sandstone.
137	163	Mudstone, some siltstone near top.
163	165	Coal (DIRTY) 2'.
165	211.5	Mudstone with occasional siltstone band.
211.5	214	Coal 2.5'.
214	255	Mudstone, with thin coal band 335-236.5.
255	258.5	Coal 3.5'.
258.5	261.5	Mudstone 3'.
261.5	264.5	Coal 3'.
264.5	289	Mudstone.
End of hole at 289'.		
Sept. 6, 1974		

40 Scale

Color Plot & Dips Ore Classes & Aver.



Core Size

Hole No. RH 766

Page 10F1

# Diamond Drill Geological Log



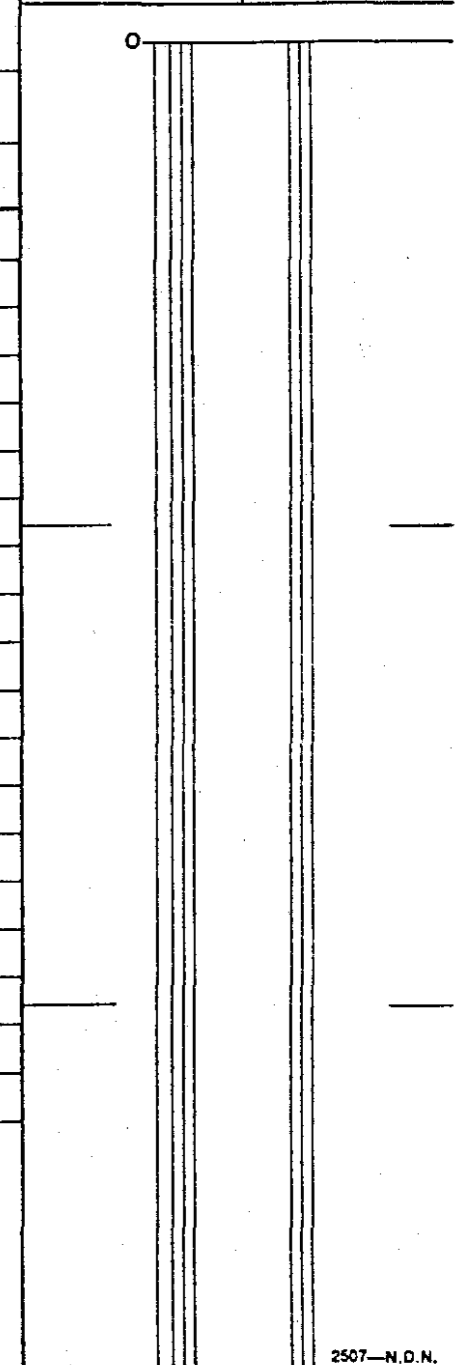
Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: R.K. Date: SEPT. 12, 1974 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: GREENHILLS SOUTH App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: \_\_\_\_\_

From	To	Discard:	Reason:
0	10	Overburden	Casing 0-15'
10	16		Sandstone.
16	22		Mudstone and siltstone.
22	51	Coal	29' SEAM-D
51	69		Mostly mudstone and some siltstone.
69	97		Silty sandstone.
97	106		Mudstone.
106	109	Coal and shale	3'
109	116	Coal	7' SEAM-DL.
116	136		Mudstone.
136	219		Sandstone.
219	275		Mudstone.
275	277	Coal	2'
277	282	Mudstone	5'
282	307	Coal	25' SEAM-B
307	312	Mudstone	5'
312	319.5	Coal with one foot mudstone parting at 316'	7.5' (6.5)
319.5	324	Mudstone	4.5'
324	328	Coal	4'
328	353	Mudstone, some siltstone.	
		End of hole at 353'.	
		Sept. 8, 1974	

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.



Core Size

Hole No. RH 767

Page 10F1

# Diamond Drill Geological Log



Objective:

Sampled:

Logged By: RK

Date: Sept. 12, 1974

Composites:

Block:

Sect.:

Place: Greenhills South

App. Bear:

App. Dip.:

Length:

From To Discard Reason:  
 FOR 0-211' INTERSECTIONS TAKEN FROM RADIATION LOG.

0	8	Overburden (Casing 0-15')
8	34	Sandstone.
34	55	Mudstone, probable fault zone at 45'.
55	66	Sandy siltstone.
66	129	Sandstone.
129	149	Mudstone.
149	159	Silty sandstone.
159	193	Mostly mudstone, some siltstone.
193	260	Coal.
260	300	Shale.

End of hole at 300'

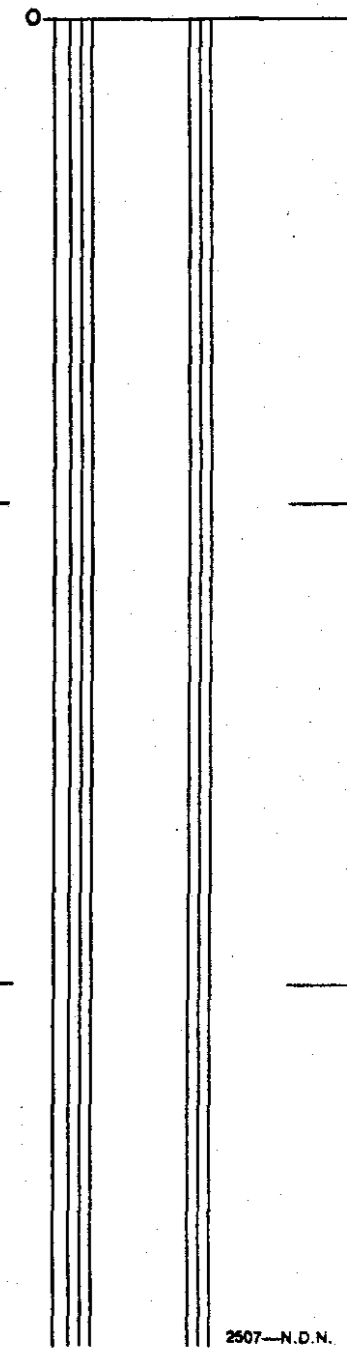
Sept. 9, 1974

Core Size

Hole No. RH 768

Page 10F1

40 Scale  
 Color Plot & Dips  
 Ore Classes & Aver.



# Diamond Drill Geological Log



Objective:

Sampled:

Logged By: R.K.

Date: November 21, 1974

Composites:

Block:

Sect.:

Place: GREENHILLS (SOUTH)

App. Bear:

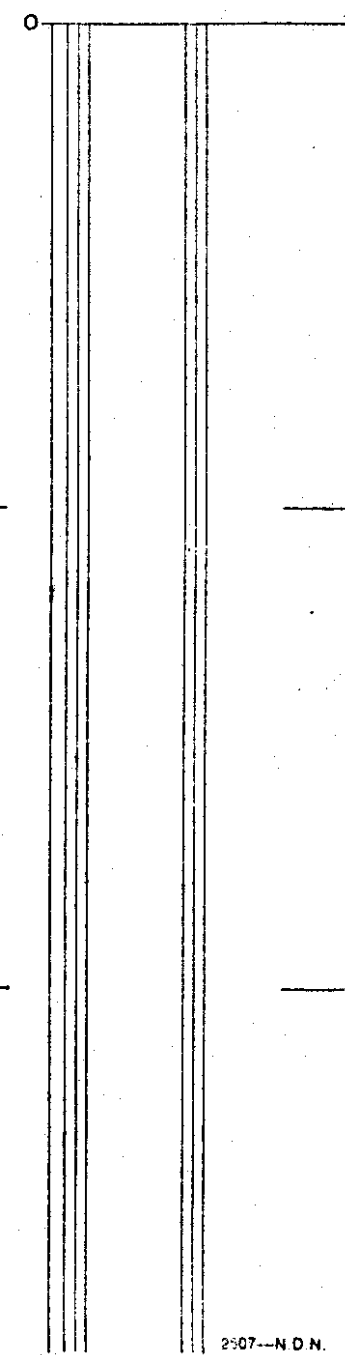
App. Dip.:

Length:

From To Discard: Reason: FOR 0-131 INTERSECTIONS TAKEN FROM RADIATION LOG.

From	To	Discard:	Reason:
0	10	Casing.	
10	36	Sandstone.	
36	49	Mostly mudstone some siltstone.	
49	55	Sandstone.	
55	81	Mudstone, some siltstone.	
81	91	Coal 10'.	
91	104	Mudstone.	
104	117	Sandy siltstone.	
117	133	Mudstone.	
133	139	Shale or shaley coal.	
139	143	Mudstone.	
		End of hole at 143'	
		November 13, 1974	

40 Scale  
Color Plot & Dips  
Ore Classes & Avar.



Core Size

Hole No. RH 769

Page 1 OF 1

# Diamond Drill Geological Log



40 Scale  
Color Plot & Dips    Ore Classes & Aver.

Objective:

Sampled:

Logged By: RK

Date: Sept. 20, 1974

Composites:

Block:

Sect.:

Place: GREENHILLS (NORTH)

App. Bear:

App.: Dip.:

Length: 193'

From	To	Discard:	Reason:
			INTERSECTIONS TAKEN FROM RADIATION LOG.
0	67	Overburden (Drillers : 0-63')	
67	193	Interbedded indurated dark shale and siltstone (Spray River formation)	
		End of hole at 193'	
		September 11, 1974	

Reason: INTERSECTIONS TAKEN FROM RADIATION LOG.

0    67    Overburden (Drillers : 0-63')

67    193    Interbedded indurated dark shale and siltstone

(Spray River formation)

End of hole at 193'

September 11, 1974

Core Size

Hole No. RH 770

Page 1 OF 1

# Diamond Drill Geological Log



Objective:

Sampled:

Logged By:

Date:

Composites:

Block:

Sect.:

Place:

App. Bear:

App.: Dip.:

Length:

From

To

Discard:

Reason:

NO RADIATION LOG

0

37

Overburden (Casing 0-45')

37

200

Interbedded hard shale and siltstone (Spray river formation)

End of hole at 200'

September 26, 1974

40 Scale

Color Plot & Dips

Ore Classes & Aver.

0

Core Size

Hole No. RH 771

Page



# Diamond Drill Geological Log



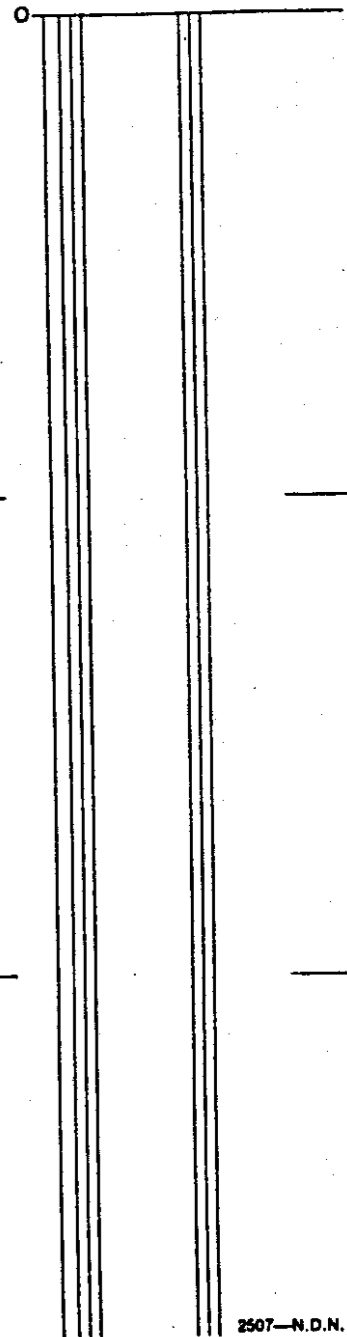
K-FORGING 74(3)C-2

**317**

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_  
 Logged By: RK Date: October 8, 1974 Composites: \_\_\_\_\_  
 Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: GREENHILLS (NORTH) App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: 190'

From	To	Discard:	Reason:
			INTERSECTIONS TAKEN FROM RADIATION LOG.
0	50	Overburden (Drillers : 0-46')	
50	190	Interbedded indurated dark shale and siltstone.	( SPRAY RIVER FORMATION )
		End of hole at 190'	
		September 27, 1974	

40 Scale  
 Color Plot & Dips  
 Ore Classes & Aver.



Core Size \_\_\_\_\_  
 Hole No. RH 772 Page 1 OF 1

# Diamond Drill Geological Log



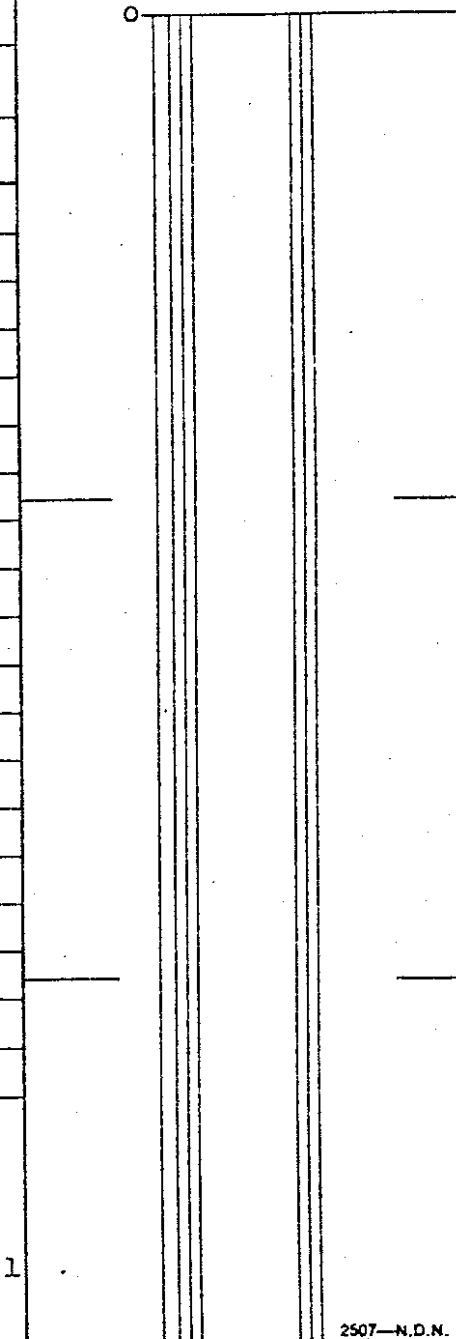
40 Scale

Objective:		Sampled:		Color Plot & Dips		Ore Classes & Aver.	
Logged By: R.K.		Date:		Composites:			
Block:	Sect.:	Place:	App. Bear:	App. Dip.:	Length:		
		GREENHILLS					

From To Discard: Reason: INTERSECTIONS TAKEN FROM DRILLERS LOG NO RADIATION LOG

0	22	Overburden.	
22	100	Shale.	
100	110	Gravel? (Prob. S.S.)	
110	114	Coal and shale	4'
114	127	Gravel? (Prob. S.S.)	
127	129	Coal and shale	2' (Assay: 127 - 129' 13.4% Ash)
129	131	Gravel? (S.S.)	10(8)'
131	135	Coal and shale	
135	137	Coal	
137	153	Shale	
153	173	Shale and sandstone	
173	177	Coal	4' (Assay: 175 - 177' 33.8% Ash)
177	179	Coal and shale	2'
179	250	Shale and sandstone	
End of hole at 250'			
September 29, 1974			

Hole No. 773 Elev. 5774.5  
 Lat. 489, 194 Dep. 71356  
 Elev. Th.  
 Top of \_\_\_\_\_ @ 5665 | '  
 Top of \_\_\_\_\_ @ \_\_\_\_\_ | '  
 Top of \_\_\_\_\_ @ 5602 | '  
 Top of \_\_\_\_\_ @ \_\_\_\_\_ | '



Core Size  
 Hole No. RH 773 Page 1 OF 1

# Diamond Drill Geological Log



Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: **RK** Date: **October 8, 1974** Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect: \_\_\_\_\_ Place: **GREENHILLS** App. Bear: \_\_\_\_\_ App.: Dip.: \_\_\_\_\_ Length: **177'**

From To Discard: Reason: **INTERSECTIONS TAKEN FROM RADIATION LOG.**

0	11	Mudstone	(Casing 0-23')
11	14.5	Coal	3.5'
14.5	53	Mudstone.	
53	81	Siltstone.	
81	89	Mudstone.	
89	106	Coal	17' Seam-F
106	118	Mudstone.	
118	120	Coaly shale.	
120	123	Mudstone.	
123	126	Shaley coal.	
126	129	Mudstone.	
129	177	Silty sandstone and sandstone.	
End of hole at 177'			
September 30, 1974			

40 Scale

Color Plot & Dips Ore Classes & Aver.

0

Core Size \_\_\_\_\_

Hole No. **RH 774** Page **1 OF 1**



# Diamond Drill Geological Log

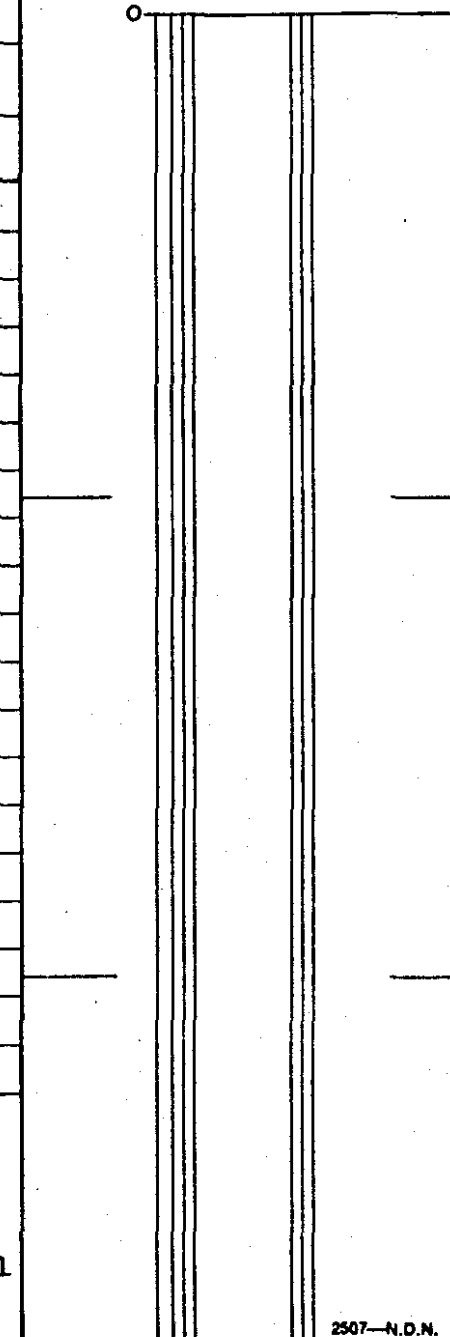


40 Scale  
Color Plot & Dips    Ore Classes & Aver.

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_  
 Logged By: RK                      Date: October 8, 1974                      Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: GREENHILLS    App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: 203'

From	To	Discard:	Reason:
0	10	Overburden?	(Casing 0-23')
10	18	Mudstone and siltstone.	
18	20	Coal	2'
20	78	Siltstone.	
78	81.5	Coal	3.5'
81.5	88	Mudstone.	
88	90	Shaley coal	2'
90	100	Mudstone.	
100	126	Sandstone.	
126	157	Siltstone.	
157	165	Mudstone.	
165	186	Coal	21' Seam-F
186	203	Mudstone.	
End of hole at 203'			
October 3, 1974			



Core Size \_\_\_\_\_  
 Hole No. RH 776                      Page 1 OF 1

# Diamond Drill Geological Log



40 Scale  
Color Plot & Dips    Ore Classes & Aver.

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: R.K.                      Date: NOVEMBER 8, 1974                      Composites: \_\_\_\_\_

Block: \_\_\_\_\_    Sect.: \_\_\_\_\_    Place: GREENHILLS    App. Bear: \_\_\_\_\_    App.: Dip.: \_\_\_\_\_    Length: 256'

From    To    Discard:                      Reason: \_\_\_\_\_  
FOR 0-230' INTERSECTIONS TAKEN FROM RADIATION LOG.

0	10	Casing.	
10	39	Silty sandstone, with mudstone interbeds.	
39	47	Mudstone.	
47	53	Shaley coal    6'.	
53	59	Mudstone, with some coaly shale.	
59	65	Shaley coal    6'.	
65	144.5	Mudstone and siltstone interbeds.	
144.5	150	Coal    5.5'.	
150	157.5	Mudstone    7.5'.	
157.5	159.5	Poor coal    2'.	} 2.9'
159.5	160	Mudstone    0.5'.	
160	186.5	Coal    26.5'	
186.5	245	Interbedded siltstone and mudstone.	
245	249	Coal    4'.	
249	256	Mudstone.	
		End of hole at 256'	
		November 2, 1974	

Core Size \_\_\_\_\_  
Hole No. RH 777                      Page 1 OF 1

# Diamond Drill Geological Log



Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: R.K. Date: NOVEMBER 8, 1974 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: GREENHILLS App. Bear: \_\_\_\_\_ App.: Dip.: \_\_\_\_\_ Length: 243'

From To Discard: Reason: INTERSECTIONS TAKEN FROM RADIATION LOG.

0	4	Coal	4'
4	6.5	Mudstone	
6.5	43.5	Coal, with 1.5' mudstone band from 25'-26.5'	37(35.5)'
43.5	50	Mudstone	6.5'
50	60.5	Coal	10.5'
60.5	134	Mudstone and siltstone interbeds with several thin bands of sandstone, 68-69:	Coal.
134	148.5	Coal	14.5'
148.5	196	Mudstone, with thin beds of siltstone.	
196	202.5	Coal	6.5'
202.5	216	Mudstone.	
216	219	Coal	3'
219	243	Mudstone.	

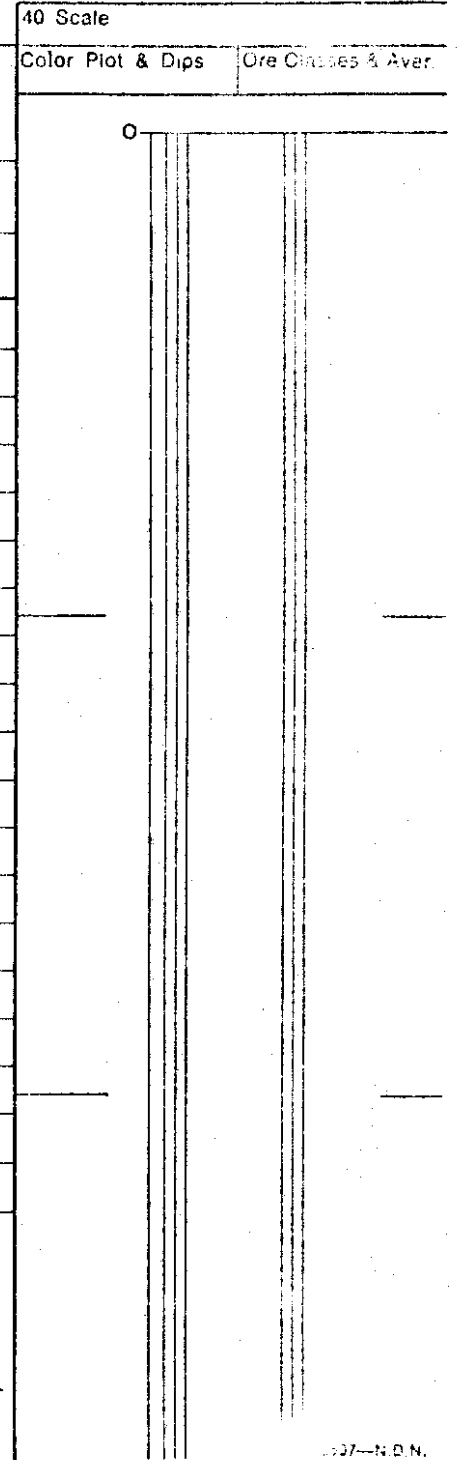
End of hole at 243'

November 2, 1974

Core Size

Hole No. RH 778

Page 1 OF 1



# Diamond Drill Geological Log



Objective:

Sampled:

Logged By: R.K.

Date: November 21, 1974

Composites:

Block:

Sect.:

Place: GREENHILLS (SOUTH)

App. Bear:

App. Dip.:

Length:

From To

Discard:

Reason: INTERSECTIONS TAKEN FROM RADIATION LOG.

0	10	Casing.
10	14	Overburden?
14	18	Siltstone.
18	25	Mudstone.
25	28	Shaley coal 3'.
28	42	Mudstone, with one foot shaley coal band at 36'.
42	54	Mudstone and siltstone.
54	74	Silty Sandstone and mudstone interbeds.
74	81.5	Coal 7.5'.
81.5	104	Mudstone, with coal stringers at 89'.
		End of hole at 104'
		November 3, 1974

Core Size

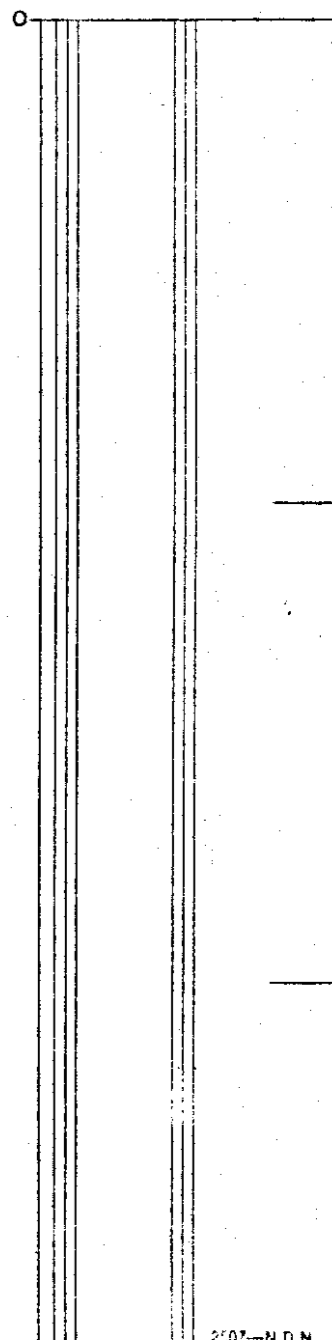
Hole No. RH 779

Page 1 OF 1

40 Scale

Color Plot & Dips

Ore Classes & Aver.







# Diamond Drill Geological Log



40 Scale

Objective:

Sampled:

Color Plot & Dips

Ore Classes & Aver.

Logged By: R.K.

Date: November 21, 1974

Composites:

Block:

Sect.:

Place:

App. Bear:

App.: Dip.:

Length:

GREENHILLS (SOUTH)

From To Discard: Reason:

INTERSECTIONS TAKEN FROM RADIATION LOG

0	16	Casing.
16	20	Overburden?
20	38	Siltstone or overburden.
38	123	Sandstone, some siltstone near top.
123	155	Mudstone.
155	157	Coal 2'.
157	192	Sandstone.

End of hole at 192'

November 4, 1974

Core Size

Hole No. RH 781

Page 1 OF 1

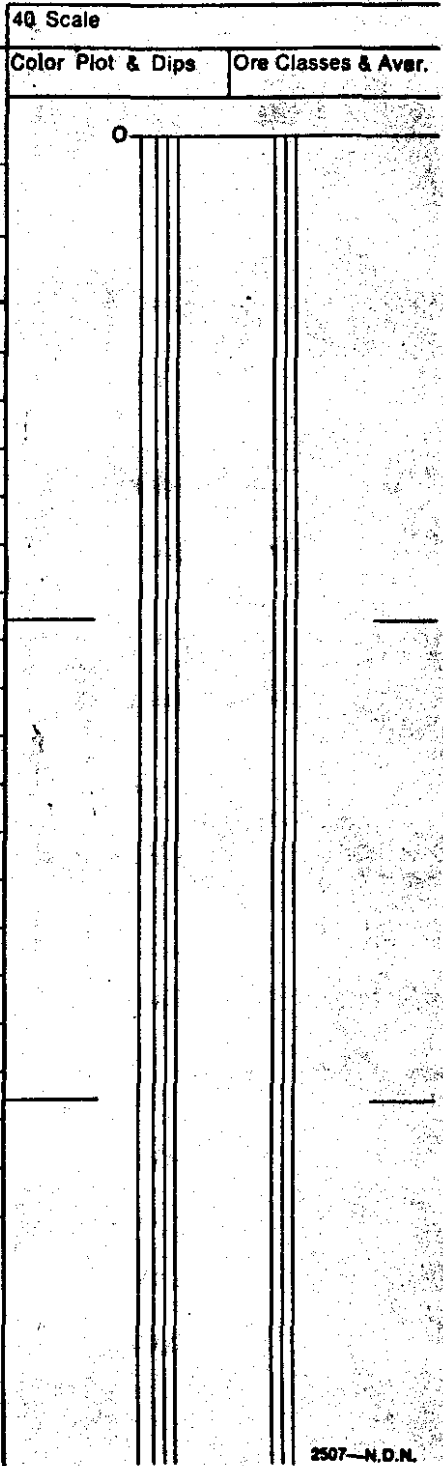
# Diamond Drill Geological Log



Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_  
 Logged By: R.K. Date: November 13, 1974 Composites: \_\_\_\_\_  
 Color Plot & Dips Ore Classes & Aver.

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: GREENHILLS, (SOUTH) App. Bear: \_\_\_\_\_ App.: Dip.: \_\_\_\_\_ Length: \_\_\_\_\_

From	To	Discard:	Reason:
			INTERSECTIONS TAKEN FROM RADIATION LOG.
0	10	Casing.	
10	40	Mostly siltstone, with thin bands of sandstone.	
40	69.5	Mudstone, several bands of siltstone.	
69.5	89.5	Coal 20'.	
89.5	119.5	Siltstone and mudstone.	
119.5	133	Coal 13.5'.	
133	150	Mudstone.	
		End of hole at 150'	
		November 5, 1974	



Core Size \_\_\_\_\_  
 Hole No. RH 782 Page 1 OF 1

# Diamond Drill Geological Log



40 Scale  
Color Plot & Dips    Ore Classes & Aver.

Objective:

Sampled:

Logged By: R.K.

Date: NOVEMBER 8, 1974

Composites:

Block:                      Sect.:                      Place: GREENHILLS                      App. Bear:                      App.: Dip.:                      Length: 150'

From    To    Discard:                      Reason: INTERSECTIONS TAKEN FROM RADIATION LOG

0	16	Casing.
16	47	Mudstone.
47	56	Coal 9'.
56	94	Mudstone.
94	112	Sandstone.
112	115	Coal 3'.
115	150	Mudstone and siltstone interbeds.

End of hole at 150'

November 5, 1974

Core Size

Hole No. RH 783

Page 1 OF 1

# Diamond Drill Geological Log



Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: R.K. Date: November 13, 1974 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: GREENHILLS (SOUTH) App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: \_\_\_\_\_

From To Discard: Reason: INTERSECTIONS TAKEN FROM RADIATION LOG.

From	To	Discard:	Reason:
0	10	Casing (Overburden).	
10	20	Overburden?	
20	26	Mudstone.	
26	33	Sandy siltstone.	
33	57	Mudstone.	
57	78.5	Coal 21.5'.	
78.5	122	Mudstone, with thin band of siltstone.	
122	128	Coal 6'.	
128	166	Mudstone, siltstone near bottom.	

End of hole at 166'

November 7, 1974

Core Size

Hole No. RH 784

Page 1 OF 1

40 Scale

Color Plot & Dips

Ore Classes & Aver.

0

# Diamond Drill Geological Log



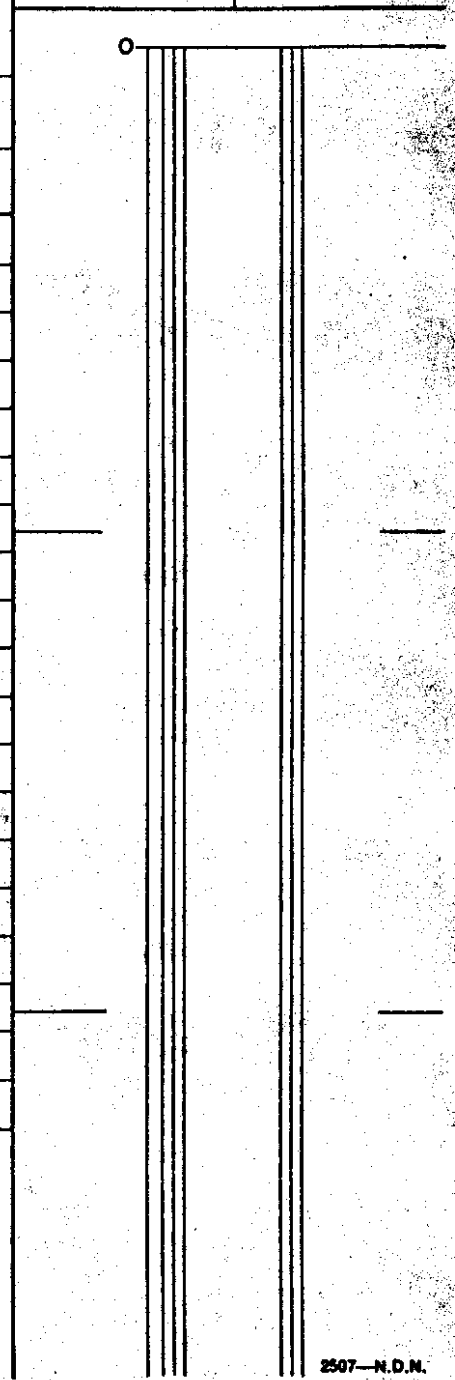
Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: **R.K.** Date: **November 14, 1974** Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: **GREENHILLS (SOUTH)** App. Bear.: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: \_\_\_\_\_

From	To	Discard:	Reason:
			<b>FOR 0-92' INTERSECTIONS TAKEN FROM RADIATION LOG.</b>
0	10	Casing.	
10	23	Mudstone and siltstone.	
23	40	Sandstone.	
40	53	Mudstone, some siltstone.	
53	54	Coaly shale.	
54	57.5	Coal 3.5'.	
57.5	64	Mudstone.	
64	95	Coal 31'.	
95	105	Mudstone.	
		End of hole at 105'.	
		November 8, 1974	

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.



Core Size \_\_\_\_\_  
Hole No. **RH 785** Page **1 OF 1**

# Diamond Drill Geological Log



40 Scale  
Color Plot & Dips    Ore Classes & Aver.

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-F

Sampled:

Logged By: R.K.

Date: December 4, 1974

Composites:

Block:                      Sect.:                      Place:                      App. Bear:                      App.: Dip.:                      Length:

From    To    Discard:                      Reason:  
NO RADIATION LOG (INTERSECTION FROM DRILLER'S LOG).

0    66    Rock

66    85    Coal    SEAM-F

Hole No. 786	Elev. 5590.2
Lat. 420,850	Dep. 71,470
	Elev.    Th.
Top of _____ @ _____	'
Top of _____ @ _____	'
Top of _____ @ _____	'
Top of _____ @ _____	'

Rods plugged at 85' in Coal.  
November 15, 1974

Core Size    B - 50 DRILL-NOT SAMPLED

Hole No.    RH786                      Page 1 OF 1

# Diamond Drill Geological Log



Objective: TO DETERMINE LOCATION & THICKNESS OF SEAM-D

Sampled:

Logged By: C. J. Mck.,

Date: January 13, 1975

Composites:

Block:

Sect.:

Place:

GREENHILLS

App. Bear:

App. Dip.:

Length:

From To Discard:

Reason:

INTERSECTIONS TAKEN FROM GAMMA RAY LOG.

From	To	Discard:	Reason:
0	20	Overburden.	
20	36	Rock (Mudstone & siltstone?)	
36	37	Coal.	
37	68.5	Rock (Interbedded siltstone & mudstone ?)	
68.5	96	Coal with thin mudstone parting at 86'.	27.5' SEAM-D
96	98	Mudstone 2'.	
98	121	Coal with thin mudstone parting at 120'	23' SEAM-D (Repeat)
121	136	Rock (mudstone and siltstone?)	
		End of hole at 136'	

Hole No. 787	Elev. 5519.4
Lat. 485,278	Dep. 72,995
	Elev. Th.
Top of "D" @ 5451	27.5
Top of "D" REP. @ 5421	23
Top of _____ @ _____	
Top of _____ @ _____	

40 Scale

Color Plot & Dips

Ore Classes & Aver.

Core Size

Hole No. RH 787

Page 10F1



# Diamond Drill Geological Log



40 Scale

Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-D

Sampled:

Color Plot & Dips

Ore Classes & Aver.

Logged By: R.K.

Date: January 20, 1975

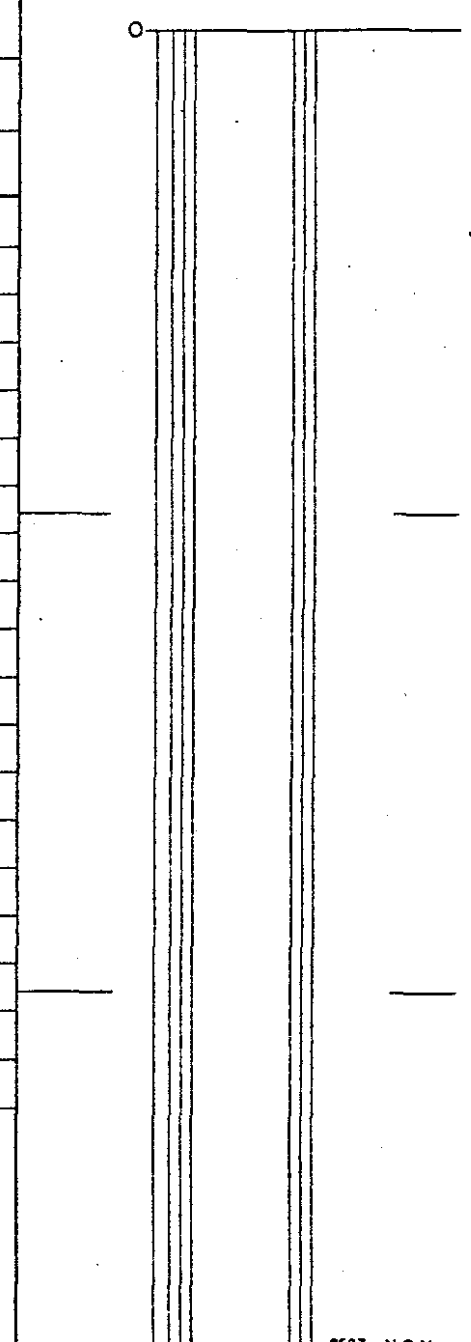
Composites:

Block: Sect.: Place: App. Bear: App. Dip.: Length:  
GREENHILLS

From To Discard: Reason: INTERSECTIONS TAKEN FROM GAMMA RAY LOG.

0	16	Overburden.
16	64	Mudstone and siltstone interbeds.
64	88	Coal 24' SEAM-D
88	103	Mudstone with thin bands of siltstone.
103	113	Siltstone with thin bands of mudstone.
113	121	Mudstone.
121	130	Sandstone and siltstone.
		End of hole at 130'

Hole No. 788	Elev. 5519.9
Lat. 45.104	Dep. 73,025
	Elev. Th.
Top of "D" @ 5456	24'
Top of _____ @ _____	'
Top of _____ @ _____	'
Top of _____ @ _____	'



Core Size  
Hole No. RH 788 Page 10F1

# Diamond Drill Geological Log



Objective: TO DETERMINE LOCATION AND THICKNESS OF SEAM-D

Sampled:

Logged By: R.K.

Date: January 20, 1975

Composites:

Block:

Sect.:

Place:

GREENHILLS

App. Bear:

App.: Dip.:

Length:

From To Discard:

Reason:

INTERSECTIONS TAKEN FROM GAMMA RAY LOG.

0	14	Overburden.
14	52	Mostly sandstone, some siltstone.

End of hole at 52'

NO COAL TO 5459'

Hole No. 789 Elev. 5510<sup>5</sup>

Lat. 485,252 Dep. 7391

Elev. Th.

Top of @ ' ,

Top of @ ' ,

Top of @ ' ,

Top of @ ' ,

Core Size

Hole No. RH 789

Page 10F1

40 Scale

Color Plot & Dips

Ore Classes & Aver.

# Diamond Drill Geological Log



K-FORING 74(3)C-2

Objective:

Sampled: **317**

Logged By: R.K.

Date: November 21, 1974

Composites:

Block:

Sect.:

Place: GREENHILLS

App. Bear:

App. Dip.:

Length:

From To Discard: Reason:

From	To	Discard:	Reason:
0	16	Casing.	
16	45	Sand, gravel and shale (overburden)	
45	85	Shale (Hard dark gray-idurated).	
85	151	Mosly shale some siltstone.	
End of hole at 151'			
November 12, 1974			

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.

Core Size

Hole No. RH 790

Page 1 OF 1

# Diamond Drill Geological Log



K-FORING 74(3)C-2

Objective: *Coal*

Sampled: **317**

Logged By: *RKq*

Date: *Sept. 20, 1974*

Composites:

Block: Sect.: Place: *Henretta Mtn.* App. Bear: App.: Dip.: Length: *500'*

From	To	Discard:	Reason:
<b>INTERSECTIONS TAKEN FROM RADIATION LOG.</b>			
0	5		Overburden (Casing 0-15').
5	21		Mudstone, with 1.5' coal band from 12' to 13.5.
21	30		Coal 9'.
30	32.5		Coaly shale.
32.5	58		Mudstone.
58	158		Sandstone.
158	164		Mudstone.
164	186	~	Coal, with one foot mudstone band at 178.5' 22(21')
186	190		Mudstone 4'.
190	194		Coal 4'.
194	206		Mudstone and sandy siltstone.
206	238.5		Sandstone.
238.5	247	3	Coal 8.5'.
247	269		Mudstone with siltstone interbeds.
269	296		Sandstone with thin mudstone bands.
296	301		Mudstone.
301	308	4	Coal 7'.
308	321		Sandstone.
321	330		Mudstone.
330	332		Coal 2'.
332	348		Sandstone.
348	357		Mudstone.
357	364		Sandstone.

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.

Core Size

Hole No. *RH 902*

Page *10F2*



COMPOSITE

P.A. 1/2 S 1/2 FSI.

Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 902

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
15	17		8885		2		47.5			1		RAD. LOG
22	24		8886		2		10.5			7 1/2		21'-30' Coal
24	26		8887		2		5.3			7 1/2		
26	28		8888		2		16.1			7		
28	30	COMPOSITE	8889		2		8.3			8		
30	32	* 8886-92 inclusive.	8890		2		16.0			7 1/2		
32	34		8891		2		36.4			7		
34	36		8892		2		30.2			7 1/2		
		COMPOSITE			14	0.4	17.9	21.2	60.5	7 1/2	0.33	
166	168		8894		2		14.8			6		RAD. LOG
168	170		8895		2		17.1			7		164/86' Coal
170	172		8896		2		9.2			8 1/2		
172	174		8897		2		16.9			2		
174	176	COMPOSITE	8898		2		21.3			6 1/2		
176	178	* 8894-8900 & 8776-78	8899		2		7.5			6 1/2		
178	180		8900		2		51.8			1		
180	182		8776		2		21.3			4 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
182	184		8777		2		11.0			6 1/2		
184	186		8778		2		31.8			7		
186	188		8779		2		64.2			1 1/2		
188	190	C.E.S.	8780		2		75.8			1 1/2		
		COMPOSITE			20	0.5	19.9	2.6 <sup>1</sup>	53 <sup>5</sup>	5 1/2	0.40	
192	194		8781		2		10.1			8 1/2		
194	196	C.E.S.	8782		2		64.8			1		
239	241		8783		2		31.4			1		
241	243	COMPOSITE # 8783-86 inclusive	8784		2		13.9			2 1/2		
243	245		8785		2		12.6			5 1/2		
245	247		8786		2		21.3			7 1/2		
247	249		8787		2		50.9			1 1/2		
		COMPOSITE			8	0.5	19.5	2.5 <sup>2</sup>	54 <sup>8</sup>	4	0.32	
303	305		8788		2		40.9			4 1/2		
305	307		8789		2		41.9			3 1/2		
307	309	COMPOSITE 8790-91	8790		2		15.5			7		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
309	311		8791		2		30.3			7		
			COMPOSITE		4	0.6	22.2	21.7	55.0	7	0.46	
333	335		8792				44.9			5 1/2		
A06	A08	C.S.	8793		2		60.8			1		
A37	A39		8794		2		44.8			4 1/2		
342	344	C.S.	8795		2		44.0			5 1/2		
344	346		8796		2		40.7			4 1/2		
A46	A48		8797		2		34.5			3 1/2		
A48	A50	COMPOSITE	8798		2		16.0			4 1/2		
A50	A52	* 8797-8801 inclusive	8799		2		26.2			1 1/2		
A52	A54		8800		2		40.7			1		
A54	A56		8801		2		21.8			5 1/2		
			COMPOSITE		10	0.5	29.1	18.4	52.0	3	0.37	
A61	A63	COMPOSITE # 8802-04	8802		2		17.3			4		



DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
A63	A65		8803		2		15.2			2 1/2		
A65	A67		8804		2		11.8			8		
		COMPOSITE			6	0.4	14.7	24.7	60.2	4	0.42	

# Diamond Drill Geological Log



K-FORING 74(3)A-2

Objective:

Sampled:

Logged By: RK

Date: Sept. 20, 1974

Composites:

317

Block: Sect.: Place: Henretta Mtn. App. Bear: App. Dip.: Length: 500'

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.

From	To	Discard:	Reason:
INTERSECTIONS TAKEN FROM RADIATION LOG.			
0	15	Overburden	(Casing 0-15')
15	23	Mudstone.	
23	30	Coal	7'.
30	75	Mudstone.	
75	79	Sandstone.	
79	102	Mudstone and siltstone.	
102	109	Siltstone.	
109	113	Sandstone.	
113	121	Mudstone.	
121	124.5	Coal	3.5'.
124.5	128	Mudstone	3.5'.
128	134.5	Coal	6.5'.
134.5	154	Moslty sandstone, some siltstone.	
154	164	Mudstone.	
164	166	Coal	2'.
166	187	Mudstone.	
187	204	Sandstone.	
204	231	Siltstone.	
231	237.5	Mudstone.	
237.5	244.5	Coal	7'.
244.5	261	Mudstone.	
261	302	Sandstone with several mudstone interbeds.	
302	324	Siltstone grading to mudstone near bottom.	

Core Size

Hole No. RH 903

Page 10F2

# Diamond Drill Geological Log



40 Scale  
Color Plot & Dips    Ore Classes & Aver.

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: \_\_\_\_\_ Date: \_\_\_\_\_ Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: \_\_\_\_\_ App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: \_\_\_\_\_

From    To    Discard:    Reason:

324	328	Coal	4'	
328	347	Mudstone and siltstone.		
347	351	Coal	4'	
351	367	Mudstone.		
367	369	Coal	2'	
369	411	Mudstone.		
411	438	Sandstone, with thin mudstone interbeds.		
438	479	Mostly mudstone, some siltstone near bottom.		
479	500	Siltstone.		

End of hole at 500'  
Sept. 15, 1974

Core Size

Hole No. RH 903

Page 20F2

COMPOSITES REQUESTED OCT. 11 '74

P.A. 903.  $\frac{1}{2}$  FSI

Weight by the footages represented

DIAMOND DRILL SAMPLING RECORD

RH 903

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
22	24		8805		2		36.9			1/2		
24	26		8806		2		11.5			1		
26	28	COMPOSITE 8806-28 inclusive	8807		2		19.5			1/2		
28	30		8808		2		21.2			1/2		
			COMPOSITE		4	0.3	17.4	20.9	61.4	1	0.33	
33	35	C&S	8809		2		38.6			1		
35	37		8810		2		19.9			6 1/2		
37	39	C&S	8811		2		52.4			1		
123	125		8812		2		36.3			4 1/2		
128	130		8813		2		22.2			1		
130	132		8814		2		61.0			1		
132	134		8815		2		36.6			1		
134	136	C&S	8816		2		76.5			1/2		
155	157	C&S	8817		2		62.1			1		
165	167		8818		2		50.1			1		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
167	169	C&S	8819		2		45.2			1		
186	188	C&S	8820		2		61.2			1		
196	198	C&S	8821		2		58.4			1		
239	241		8822		2		35.5			1		
241	243	COMPOSITE # 8822-2A	8823	2			13.4			1 1/2		
243	245		8824		2		23.7			2 1/2		
245	247		8825		2		42.4			3 1/2		
247	248	C&S	8826		1		81.0			1/2		
		COMPOSITE 8822-2A			0	0.3	24.4	19.5	55.6	1 1/2	0.42	
327	329	P.A. 1/2 S of FSI. →	8827		2		24.4			6 1/2		
350	352		8827		2	0.4	24.4	19.9	55.5	6 1/2	0.41	
			8828		2		52.2			4		
361	363		8829		2		68.3			1/2		
368	370		8830		2		59.7			1/2		
400	402	C&S	8831		2		81.0			0		
466	468	C&S	8832		2		59.5			1/2		

# Diamond Drill Geological Log



K - FROING 74(3)C-2

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: RK Date: October 15, 1974 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: HENRETTA MIN. App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: 381'

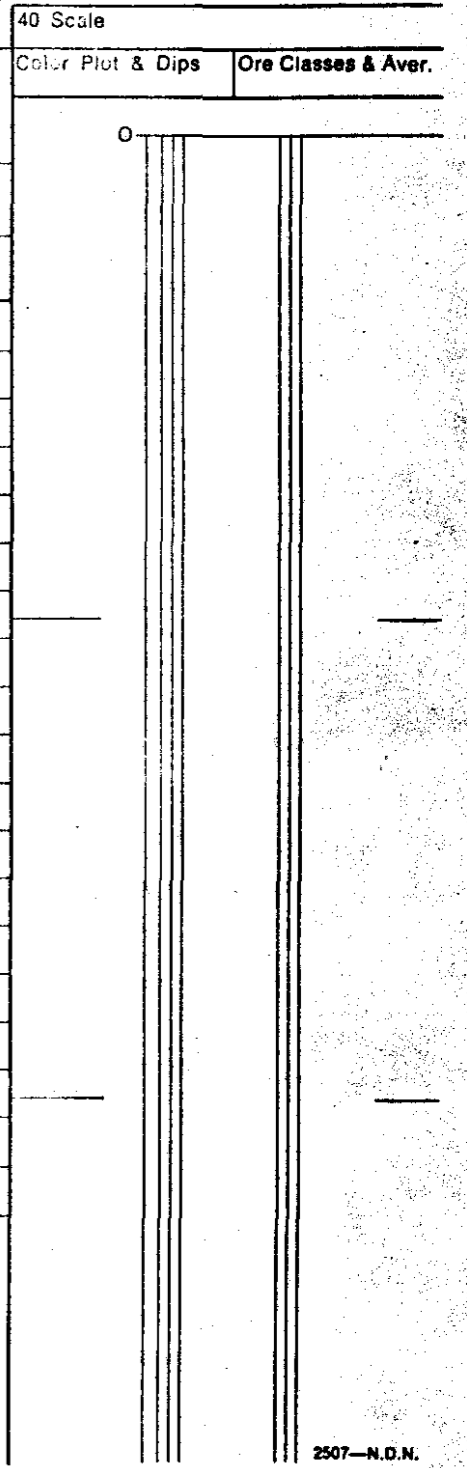
From	To	Discard:	Reason:
INTERSECTIONS TAKEN FROM RADIATION LOG.			
0	15		Casing. (Overburden 0-8'?)
15	46		Mostly siltstone grading to sandstone near bottom.
46	104		Sandstone.
104	116		Mudstone.
116	169		Sandstone, with some siltstone.
169	214		Siltstone and sandstone interbeds.
214	260		Midstone with siltstone interbeds.
260	269		Coal 9'.
269	272	} 20 (17)	Mudstone 3'.
272	280		Coal 8'.
280	314		Mudstone.
314	330		Sandstone and silty sandstone.
330	334		Coal 4'.
334	352.5		Sandstone.
352.5	358.5		Coal 6'.
358.5	364		Mudstone.
364	381		Sandstone.

End of hole at 381'  
September 18, 1974

Core Size

Hole No. RH 904

Page 1 OF 1



COMPOSITES REQUESTED, OCT. 11 '74

Weight by fm footages represented,

P.A, S% & FSI.

DIAMOND DRILL SAMPLING RECORD

RH 904

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
258	259	C&S	8833		1		76.1			1 1/2		
261	263	C&S	8834		2		34.5			1		
263	265		8835		2		28.6			3 1/2		
265	267	COMPOSITE 8835-38 inclusive	8836		2		11.3			7 1/2		
267	269		8837		2		14.1			6		
269	271		8838		2		32.3			6 1/2		
271	273		COMPO. 8839		2	0.5	21.1	24.4	54.0	5 1/2	0.17	
273	275		8840		2		56.6			1		
275	277		8841		2		62.3			2		
277	279	COMPOSITE # 8842-43	8842		2		15.3			4		
279	281		8843		2		9.8			2		
281	283	C&S	COMPO. 8844		4	0.5	12.7	25.7	6.11	3	0.28	
283	285	C&S	8845		2		38.2			5 1/2		
285	287	C&S	8846		2		68.0			1		
285	287	C&S	8846		2		85.8			0		
333	335	COMPOSITE # 8847-48	8847		2		11.9			7		
335	337		8848		2		10.3			6 1/2		
			COMPO.		4	0.6	11.1	25.9	6.24	6 1/2	0.24	

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
337	339		822A9		2		56.4			7		
354	356		8250		2		—			—		Sample Lost
356	358		7A76		2		11.3			7 1/2		
358	360		7A77		2		72.2			0		
360	362		7A78		2		45.8			1		
362	364	COAL & SHALE	7A79		2	?	11.6			6 1/2		



# Diamond Drill Geological Log



K-FROING 74(3)C-2

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

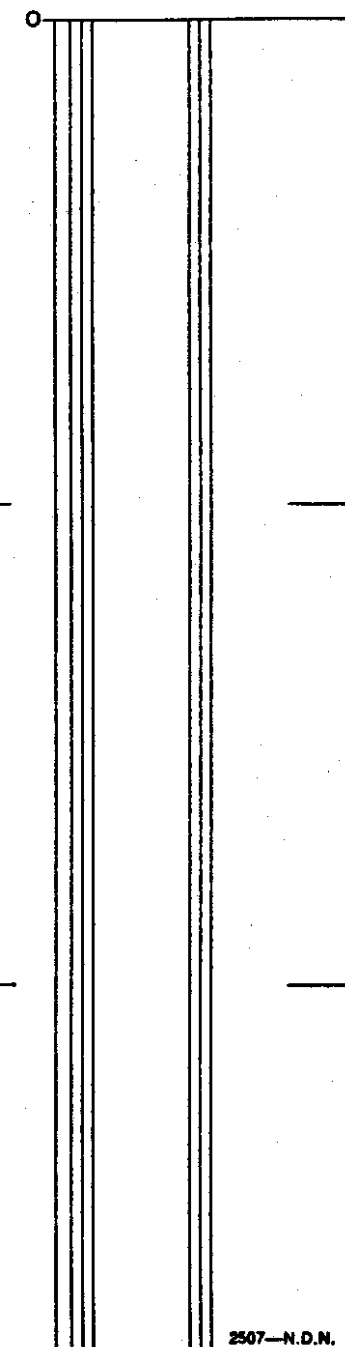
Logged By: RK Date: Sept. 30, 1974 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect: \_\_\_\_\_ Place: HENRETTA MIN. App. Bear: \_\_\_\_\_ App. Dip: \_\_\_\_\_ Length: \_\_\_\_\_

From To Discard Reason: INTERSECTIONS TAKEN FROM RADIATION LOG.

From	To	Discard	Reason
0	2		Overburden (casing 0-15')
2	9		Siltstone.
9	12		Coaly shale 3'
12	15.5		Mudstone 3.5'
15.5	21.5		Coal 6'
21.5	35		Mudstone.
35	50		Siltstone.
50	61.5		Mudstone.
61.5	68.5		Coal 7'.
68.5	71.5	✓	Shaley coal 3' } 13'
71.5	74.5		Coal 3'.
74.5	102		Mudstone.
102	107	3	Coal 5'.
107	155		Mudstone.
155	158		Shaley coal 3'.
158	192		Mudstone, with occasional siltstone bands.
192	194		Coal 2'.
194	271		Siltstone, with several silty sandstone interbeds.
271	298		Snadstone & some silty sandstone.
298	306		Mudstone.
306	341		Sandstone.
341	361		Siltstone and mudstone interbeds.
361	378.5	4	Coal 17.5'.

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.



Core Size

Hole No.

RH - 905

Page

1 OF 2

# Diamond Drill Geological Log



40 Scale  
Color Plot & Dips    Ore Classes & Aver.

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: \_\_\_\_\_ Date: \_\_\_\_\_ Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: \_\_\_\_\_ App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: \_\_\_\_\_

From    To    Discard:    Reason:

378.5    382.5    Mudstone 4'    30 (26)'    SEAM 5

382.5    391    Coal 8.5'

391    441    Mudstone grading to siltstone near bottom.

441    460    Sandstone.

End of hole at 460'

Sept. 22, 1974

Core Size

Hole No. RH - 905

Page 2 OF 2

COMPOSITES REQUESTED OCT 11 '74

0.5, P.A.# FSI

Weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 905

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
17	19		8901		2		35.4			1/2		
19	21	COMPOSITE 8901-8903	8902		2		20.2			1/2		
21	23		8903		2		13.8			1		
23	25	C & S	COMP. 8904		6	0.4	23.3	17.4	58.9	1/2	0.47	
			8904		2		58.5			1/2		
60	62		8905		2		35.8			5 1/2		
62	64	COMPOSITE #1	8906		2		22.8			3 1/2		
64	66	8906-09	8907		2		26.5			1		
66	68		8908		2		16.0			2 1/2		
68	70	COMPOSITE #2	8909		2		31.7			5 1/2		
70	72	8905-8911	COMP. 8910		8	0.5	24.6	16.6	58.3	3	0.41	
			8910		2		41.8			4		
72	74		8911		2		24.9			7 1/2		
74	76		COMP. 8912		14	0.3	28.0	14.7	57.0	4	0.36	
			8912		2		50.1			1		
76	78		8913		2		64.6			1		
102	104	COMPOSITE	8914		2		33.9			1		
104	106	* 8914-16	8915		2		9.6			3 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
106	108		8916		2		20.3			7 1/2		
108	110		8917		2		57.6			1		
			G-MPD		6	0.4	21.2	18.5	59.9	4	0.40	
155	157		8918		2		—			—		Lost
183	185		8919		2		60.8			1		
185	186	C&S	8920		1		85.8			0		
189	191		8921		2		51.1			1/2		
191	193		8922		2		35.2			5		
193	195	C&S	8923		2		72.1			1/2		
195	197	C&S	8924		2		76.3			1/2		
361	363		8925		2		33.6			1 1/2		
363	365		8976		2		27.3			3 1/2		
365	367		8977		2		20.9			1 1/2		
367	369	COMPOSITE	8978		2		25.4			1		
369	371	8925-AND 8976-81	8979		2		20.2			1 1/2		
371	373		8980		2		36.8			1		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
373	375		8981		2		18.5			1		
375	377		COMP. 8982		14	0.2	26.4	15.3	58.1	1 1/2	0.30	
377	379	C&S	8983		2		69.8			1/2		
379	381	C&S	8984		2		65.0			1		
381	383		8985		2		74.1			0		
383	385		8986		2		19.5			1		
385	387	COMPOSITE # 8986-89	8987		2		12.5			3 1/2		
387	389		8988		2		50.1			1/2		
389	391		8989		2		20.3			2 1/2		
391	393		C&S	8990		2		80.3			0	
393	395	C&S	8991		2		86.7			0		
			COMPOSITE		8	0.3	25.5	16.0	58.2	1 1/2	0.33	

# Diamond Drill Geological Log



K-FROING 74(3)C-2

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: RK Date: October 8, 1974 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect: \_\_\_\_\_ Place: HENRETTA MTN. App. Bear: \_\_\_\_\_ App. Dip: \_\_\_\_\_ Length: 253'

From To Discard: Reason: INTERSECTIONS TAKEN FROM RADIATION LOG.

From	To	Discard:	Reason:
0	15	Casing.	
15	21	Mudstone.	
21	25.5	Coal 4.5'.	
25.5	76	Mudstone.	
76	101.5	Coal 25.5'.	
101.5	192	Mudstone grading to siltstone near bottom.	
192	253	Sandstone.	

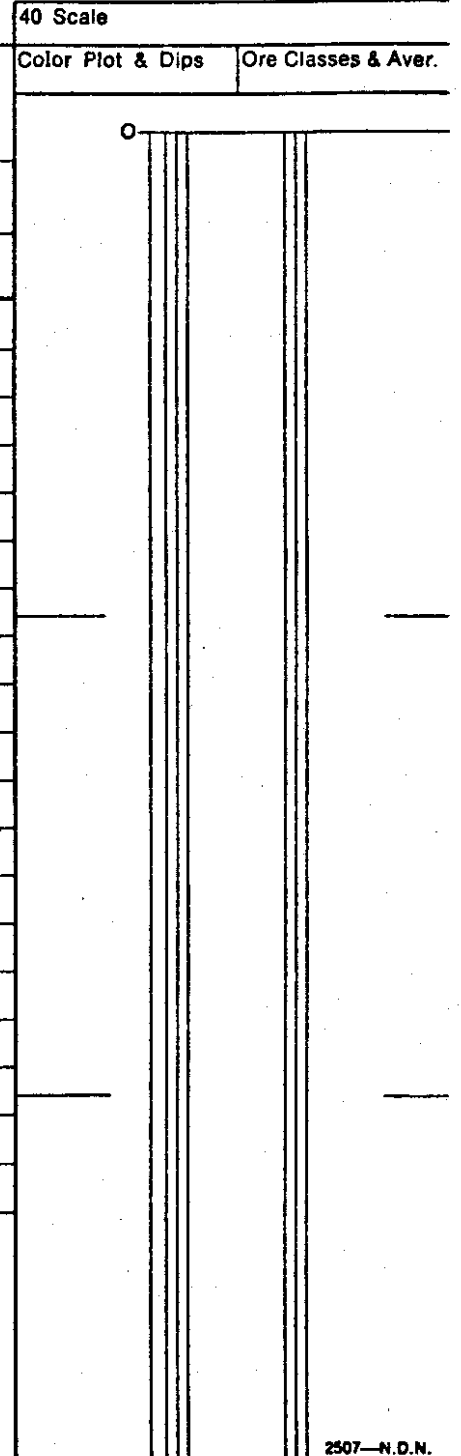
End of hole at 253'

September 24, 1974

Core Size

Hole No. RH 906

Page 1 OF 1



COMPOSITE REQUESTED OCT. 11 19  
 P.A. %  $\leq$   $\bar{E}$  FSI  
 weight by the footages represented.

DIAMOND DRILL SAMPLING RECORD

RH 906

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
21	23		8992		2		26.2			1		
23	25	COMPOSITE 8992-94	8993		2		17.3			1		
25	27		8994		2		30.6			1		
			COMPO.			6	0.5	24.8	16.5	58.2	1	0.24
52	54	CES	8995		2		56.9			3 1/2		
77	79		8996		2		24.8			1 1/2		
79	81		8997		2		34.8			1		
81	83		8998		2		31.2			1		
83	85		8999		2		10.6			2 1/2		
85	87	COMPOSITE	7481		2		24.6			1 1/2		
87	89	8996-99 & 7481-88	7482		2		12.4			1		
89	91		7483		2		29.3			2		
91	93		7484		2		46.0			2 1/2		
93	95		7485		2		28.3			1		
95	97		7486		2		15.0			2		
97	99		7487		2		13.0			2		
99	101		7488		2		20.4			2		
101	103		CES	7489		2		83.5			0	

COMPOSITE

24 0.5 23.4

16.5 59.2 1 1/2 0.33

# Diamond Drill Geological Log



K-FORING 74(3)C-2

Objective:

Sampled: **317**

Logged By: RK

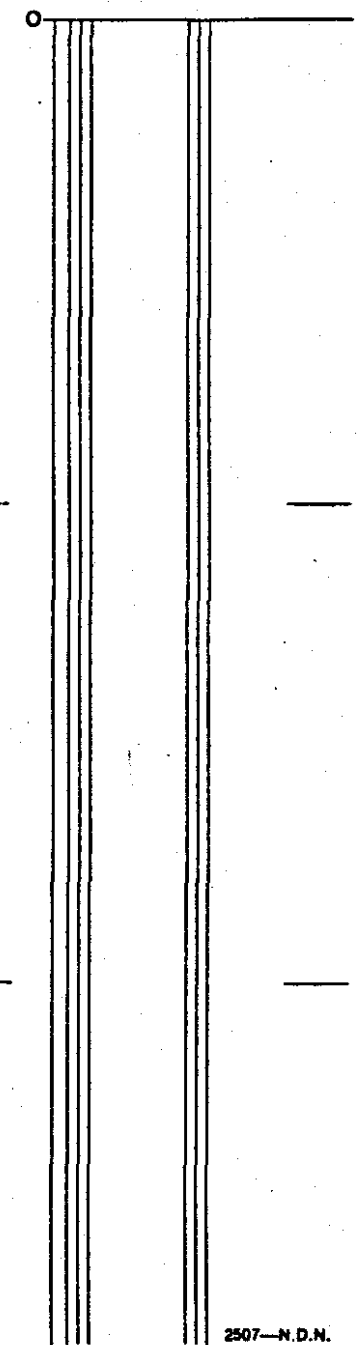
Date: Sept. 30, 1974

Composites:

Block: Sect.: Place: **HENRETTA MTN.** App. Bear: App. Dip.: Length:

From	To	Discard:	Reason:
			<b>INTERSECTIONS TAKEN FROM RADIATION LOG.</b>
0	15	Casing (overburden 0-8' and 8-15 mudstone?)	
15	20	Mudstone.	
20	23	Coal 3'	
23	44	Mudstone.	
44	68	Sandstone.	
68	141	Mostly siltstone, some silty sandstone.	
141	143	Coal 2'	
143	172	Mudstone, some siltstone.	
172	258	Siltstone, with several beds of sandy siltstone.	
258	303	Sandstone, some siltstone.	
303	312.5	Mudstone.	
312.5	333	Coal 20.5 SEAM 5	
333	386	Mudstone grading to siltstone near bottom.	
386	446	Sandstone.	
		End of hole at 446'	
		Sept. 26, 1974	

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.



Core Size

Hole No.

RH - 907

Page

1 OF 1



DIAMOND DRILL SAMPLING RECORD

RH - 907

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
20	22		7490		2		23.7			5		
22	24		7491		2		44.3			6 1/2		
24	26	C&S	7492		2		80.1			0		
141	143	C&S	7493		2		43.4			2 1/2		
143	145	C&S	7494		2		45.5			3		
306	308	C&S	7495		2		88.4			0		
312	314		7496		2		SAMPLE		LDST			312.5-333 20'
314	316		7497		2		"		"			
316	318		7498		2		21.9			2		
318	320		7499		2		18.5			1 1/2		
320	322		7500		2		59.2			1		
322	324		8851		2		45.8			1		
324	326		8852		2		17.8			1 1/2		
327	329		8853		2		13.1			1 1/2		
329	331		8854		2		13.1			1		
331	333		8855		2		55.2			3 1/2		

# Diamond Drill Geological Log



K-FROENG 74(3)K-2

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

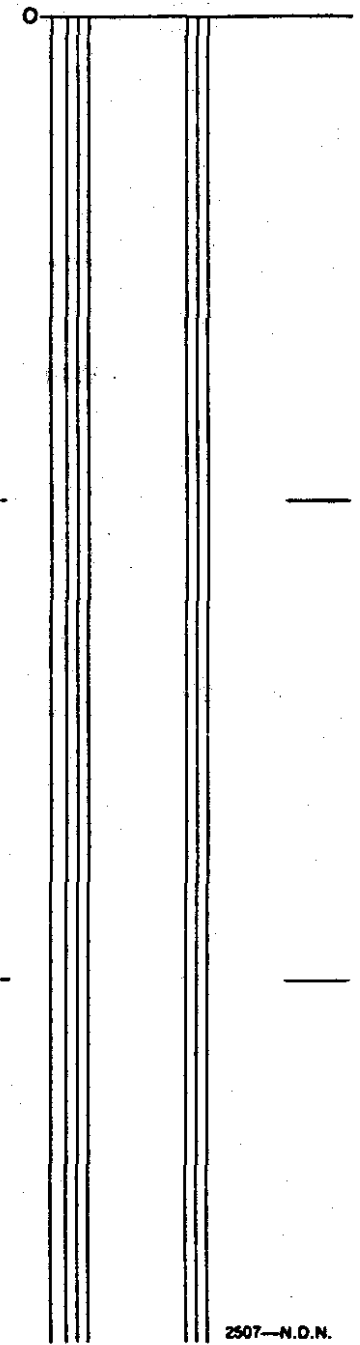
Logged By: RK Date: October 9, 1974 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: HENRETTA MTN, App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: 500'

From	To	Discard:	Reason:
INTERSECTIONS TAKEN FROM RADIATION LOG.			
0	16		Overburden (Casing 0-16')
16	52		Siltstone and sandstone interbeds.
52	77		Sandstone.
77	93		Mudstone and some siltstone.
93	225		Sandstone, several silty sandstone beds.
225	238		Mudstone.
238	241.5		Coal 3.5'.
241.5	277		Mostly siltstone, some mudstone.
277	292	1	Coal 15'.
292	335		Mostly mudstone, some sandy sandstone.
335	342	2	Coal 7'.
342	355.5		Mudstone.
355.5	359.5		Coal 4'.
359.5	389.5		Mudstone.
389.5	393.5		Coal 4'.
393.5	400		Mudstone.
400	402		Coal 2'.
402	410		Mudstone.
410	414		Shaley coal 4'.
414	433		Mudstone.
433	478		Mostly siltstone grading to sandstone near bottom.
478	500		Sandstone.
End of hole at 500'			
October 4, 1974			

319

40 Scale  
Color Plot & Dips  
Ore Classes & Aver.



Core Size \_\_\_\_\_  
Hole No. RH 908 Page 1 OF 1

DIAMOND DRILL SAMPLING RECORD

RH - 908

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
88	90		6226		2		47.8			3		
90	92	CES	6227		2		86.6			0		
229	231	CES	6228		2		84.2			0		
231	233	CES	6229		2		72.3			1		
233	235	CES	6230		2		77.2			1 1/2		
235	237	CES	6231		2		67.5			1 1/2		
237	239	CES	6232		2		61.1			1 1/2		
239	241		6233		2		35.8			7		
241	243		6234		2		85.2			0		
278	280		6235		2		33.8			1/2		277-292 15
280	282		6236		2		32.3			1		
282	284		6237		2		10.0			2 1/2		
284	286	COMPOSITE 6235-41	6238		2		20.5			3		
286	288		6239		2		18.7			7 1/2		
288	290		6240		2		4.5			1		
290	292		6241		2		19.3			6		

COMPOSITE.

14 0.3 25.0 13.2 55.9 2 1/2 0.04  
 Ave. 25.1

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
292	294	CES	6242		2		60.0			1		
294	296	CES	6243		2		87.0			0		
328	335		6244		2		66.7			1		
335	337		6245		2		36.7			1		
337	339	COMPOSITE # 6245-47	6246		2		15.3			1 1/2		335-342
339	341		6247		2		10.4			5		AVG 20.8
341	343		COMPA 6248		2	0.3	20.7 64.1	19.2	59.8	1 1/2 1	0.54	
343	345	CES	6249		2		89.4			0		
345	347	CES	6250		2		57.0			1/2		
356	358		6251		2		20.7			7		
358	360		6252		2		69.7			1		
360	362	CES	6253		2		85.4			0		
362	364	CES	6254		2		87.0			0		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
385	387	CES	6255		2		89.4			0		
387	390		6256		3		40.1			4 1/2		
390	392		6257		2		29.9			3		
392	394	CES	6258		2		75.5			1/2		
399	401	CES	6259		2		50.0			1		
401	403	CES	6260		2		74.6			1/2		
409	411	CES	6261		2		87.8			0		
411	413	CES	6262		2		76.0			0		
413	415		6263		2		59.7			1		
415	417	CES	6264		2		86.2			0		

# Diamond Drill Geological Log



K - FOREING 74(3)C-2

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_  
 Logged By: RK Date: October 8, 1974 Composites: \_\_\_\_\_

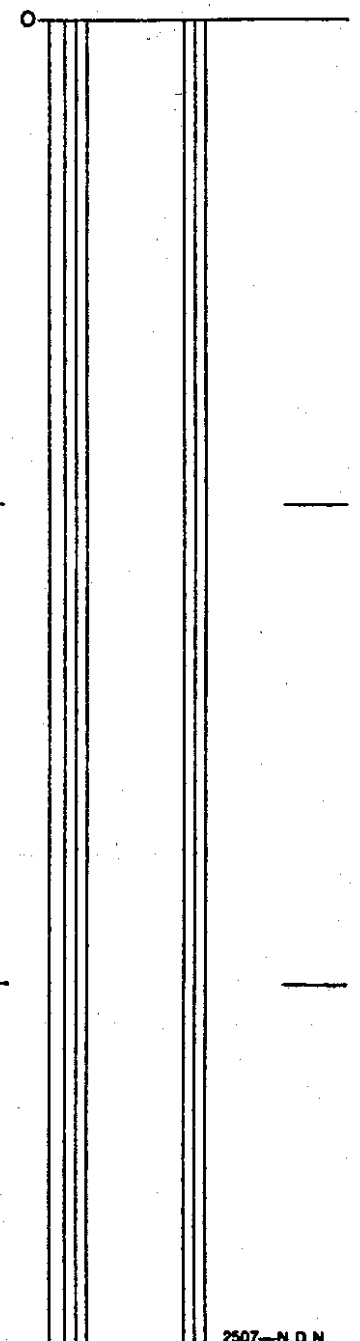
**317**

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: **HENRETTA MTN.** App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: **528'**

From	To	Discard:	Reason:
INTERSECTIONS TAKEN FROM RADIATION LOG.			
0	15		Overburden (Casing 0-10')
15	48.5		Siltstone and sandstone.
48.5	64.5	1	Coal 16'.
64.5	113		Mudstone and sandy siltstone interbeds.
113	121.5	2	Coal 8.5'.
121.5	132		Mudstone.
132	140	3	Coal 8'.
140	191		Mostly siltstone some mudstone.
191	194		Shaley coal 3'.
194	205		Mudstone.
205	209.5		Coal 4.5'.
209.5	213.5		Mudstone 4'.
213.5	218		Coal 4.5'.
218	240		Mudstone and siltstone.
240	335		Sandstone.
335	404		Mudstone.
404	411		Coal 7'.
411	420		Mudstone.
420	440		Sandy siltstone.
440	443		Mudstone.
443	457	4	Coal 14'.
457	473		Mudstone.
473	528		Sandstone, occasional siltstone interbeds.

End of hole at 528'  
 October 2, 1974

40 Scale  
 Color Plot & Dips  
 Ore Classes & Aver.



Core Size  
 Hole No. **RH 909** Page **1 OF 1**

DIAMOND DRILL SAMPLING RECORD

RH 909

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
50	52	C&S	8856		2		17.3			8		
52	54		8857		2		31.0			7		
54	56		8858		2		14.9			7		
56	58		8859		2		18.9			6		64.5 - 64.5 16'
58	60	C&S COMPOSITE 8856-63	8860		2		NO	SAMPLE				
60	62		8861		2		5.3			8		
62	64		8862		2		5.6			8 1/2		
64	66		8863		2		4.8			8 1/2		
66	67	C&S	8864		1		52.1			5 1/2		
		COMPOSITE		2	16	0.4	AVZ 13.9			8	0.70	2' SAMPLE LOST.
119	121		8865		2		13.9			1 1/2		113-121.5 8.5
121	123	COMPOSITE 8865-67	8866		2		29.0			4		
123	125		8867		2		17.2			7		
125	127	C&S	8868		2		77.2			1/2		
		COMPO.			6	0.3	AVZ 20.0			3	0.66	
135	137	C&S	8869		2		54.2			1		
137	139	C&S COMPOSITE 8870-71	8870	3	2		31.7			6 1/2		132-140 8

UNED

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
139	141		8871		9	2		18.7			6 1/2		
141	142	CES	8872			1		58.3			1 1/2		
			COMPOSITE			4	0.4	25.2	21.2	532	7	0.77	
192	194		8873			2		44.4			5		
194	196		8874			2		67.6			1		
196	198	CES	8875			2		77.3			0		
198	200	CES	6201			2		81.5			1/2		
204	206	CES	6202			2		84.0			0		
207	209		6203			2		26.8			6 1/2		
209	211		6204			2		40.4			5		
211	213	CES	6205			2		77.5			1/2		
215	217		6206			2		50.7			1 1/2		
217	219		6207			2		20.5			2		
219	221		6208			2		88.5			0		
221	223		6209			2		68.3			1/2		



DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
337	339	CES	6210		2		82.5			0		
339	341	CES	6211		2		86.1			0		
401	403	CES	6212		2		80.2			0		
403	405	CES	6213		2		35.0			1		404-411 7'
405	407		6214		2		50.8			1		
407	409		6215		2		19.8			1		
409	411		6216		2		56.3			1		
411	413	CES	6217		2		80.9			1/2		
442	444	CES	6218		2		34.2			1		
444	446		6219		2		28.8			1		443-457 14'
446	448		6220		2		17.8			1		
448	450	COMPOSITE 6218-24. 4	6221		2		18.7			1		
450	452		6222		2		29.7			3		
452	454		6223		2		44.3			2		
454	456		6224		2		25.2			2		

COMPO.

14 0.3 28.5 18.9 52.3 1 0.33

Ave 28.3.

Page No. 3 OF 4 Hole No. RH 909

# Diamond Drill Geological Log



K-FORINGS 74(3)-2

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: R.K. Date: November 14, 1974 Composites: \_\_\_\_\_

Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: HENRETTA MT. App. Bear: \_\_\_\_\_ App. Dip.: \_\_\_\_\_ Length: \_\_\_\_\_

40 Scale  
Color Plot & Dips  
Ore Classes & Avar

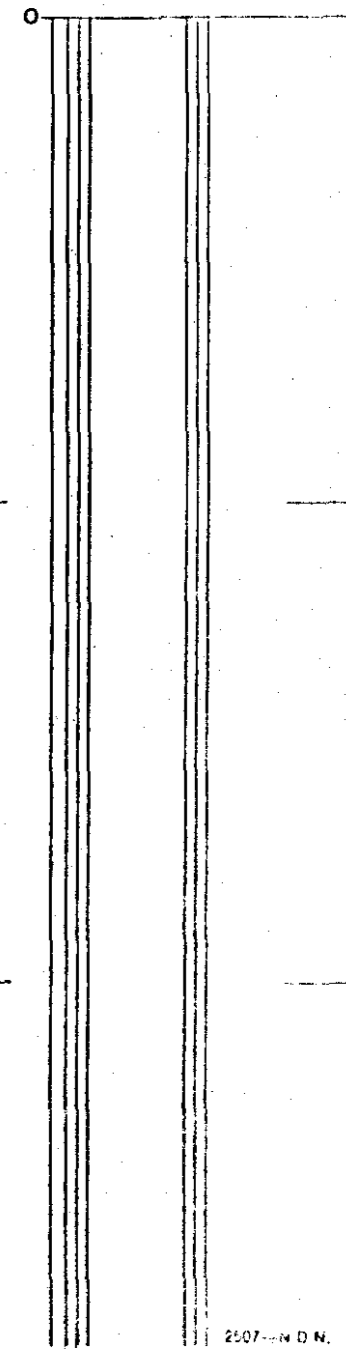
**317**

From	To	Discard:	Reason:
			FOR 0-490' INTERSECTIONS TAKEN FROM RADIATION LOG.
0	10	Casing.	
10	59	Sandy siltstone.	
59	71	Coal 12'.	
71	84	Mudstone and siltstone.	
84	105	Sandstone.	
105	112	Mudstone and siltstone.	
112	123	Coal 11'.	
123	138	Sandstone.	
138	146	Mudstone.	
146	150	Sandstone.	
150	157	Coal 7'.	
157	182	Siltstone and mudstone.	
182	188	Coal 6'.	
188	231	Mostly mudstone with siltstone interbeds.	
231	239	Siltstone.	
239	245.5	Mudstone.	
245.5	247.5	Coal 2'.	
247.5	262	Mudstone.	
262	311.5	Siltstone and sandstone interbeds.	
311.5	316	Coal 4.5'.	
316	318	Mudstone 2'.	
318	327	Coal 9'.	
327		Mudstone.	

Core Size

Hole No. RH 910

Page 1 OF 2



# Diamond Drill Geological Log



Objective: Sampled:

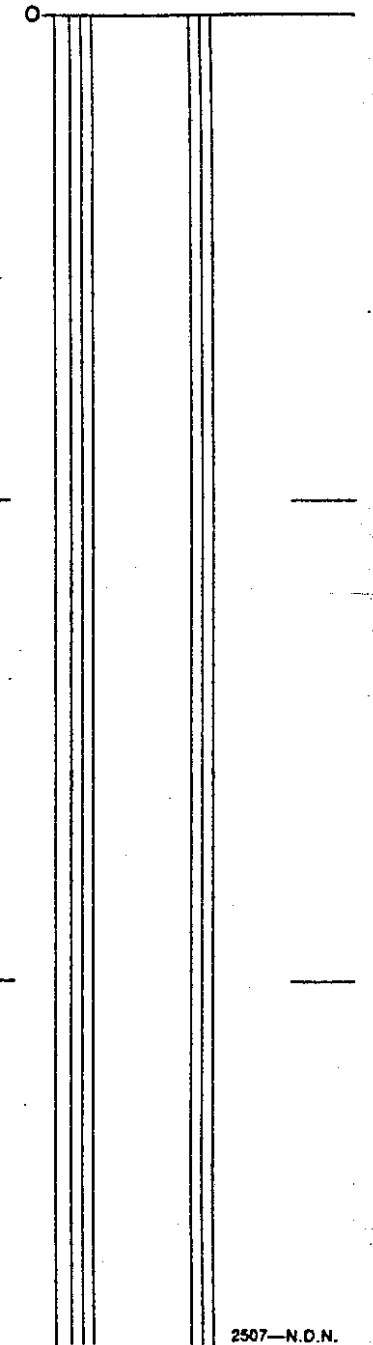
Logged By: Date: Composites:

Block:	Sect.:	Place:	App. Bear:	App. Dip.:	Length:
--------	--------	--------	------------	------------	---------

From	To	Discard:	Reason:
336.5	338.5	Coal	2'.
338.5	349	Mudstone.	
349	362	Coal	13'.
362	383	Mudstone.	
383	403	Coal	20'.
403	406	Mudstone	3'.
406	408	Coal	2'.
408	414.5	Mudstone.	
414.5	416.5	Coal	2'.
416.5	438	Interbedded mudstone and siltstone.	
438	447	Coal	9'.
447	464	Mudstone.	
464	474	Coal, with 1.5' mudstone band at 470.5'      10(8.5)'.	
474	490	Siltstone and sandstone.	
		Depth reached 510'	
		November 11, 1974	

Core Size	Hole No. RH 910 <span style="float: right;">Page 2 OF 2</span>

40 Scale  
Color Plot & Dips      Ore Classes & Aver.



DIAMOND DRILL SAMPLING RECORD

RH - 910

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
55	57	COMPOSITE 6265-69	6265		2		11.6			7 1/2		
57	59		6266		2		33.0			5 1/2		
59	61		6267		2		NO	SAMPLE				59-71
61	63		6268		2		7.3				7 1/2	
63	65		6269		2		10.0				7 1/2	
65	67	CES	6270		2		65.1			1		
			COMPO.		10	AVE. 0.4	15.5	23.3	60.5	7	0.10	
109	111		6271		2		40.7			5 1/2		
112	113	C	6272		1		9.1			8 1/2		112-123
114	115		6273		1		56.6			1		
116	117		6274		1		60.6			1 1/2		
118	119		6275		1		45.7			4		
143	145	COMPOSITE 6276-78	6276		2		15.3			6 1/2		
145	147		6277		2		15.6			6 1/2		150-157
147	149		6278		2		14.6			7		
149	151		6279		2		67.4		62.82	1		
			COMPO.		6	0.4	15.0	21.3	22.5	6	0.55	

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
151	153	CES	6280		2		82.6			1/2		
173	175		6281		2		63.4			1		
175	177	CES	6282		2		78.0			1/2		
177	179		6283		2		36.2			5 1/2		
179	181		6284		2		46.7			4		
181	183		6285		2		39.9			5		
183	185		6286		2		33.0			6		
185	186	CES	6287		1		72.0			1		
188	190	CES	6288		2		83.2			0		
213	215	CES	6289		2		83.2			0		
232	234	CES	6290		2		77.4			1/2		
234	236	CES	6291		2		74.9			1		
236	238		6292		2		53.3			3		
238	239	CES	6293		1		68.5			1		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
299	301		6294		2		58.8			A		
301	302	CES	6295		1		91.7			0		
315	317		6296		2		36.7			1		
317	319		6297		2		44.1			2		
319	321		6298		2		69.6			1		
323	325	CES	6299		2		59.1			1		
325	327		6300		2		27.6			3 1/2		
327	329		8751		2		36.6			1		
329	331		8752		2		40.5			1		
331	333		8753		2		48.1			1		
333	335	CES	8754		2		84.1			0		
335	337	CES	8755		2		74.2			1/2		
337	339	CES	8756		2		80.7			0		
339	341		8757		2		68.7			1/2		
341	343	C	8758		2		60.3			1		
343	345		8759		2		40.2			2		
345	347	CES	8760		2		87.0			0		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
347	349		8761		2		78.1			0		
349	351		8762		2		79.4			0		
351	353	CFS	8763		2		85.7			0		
353	355	CFS	8764		2		88.0			0		
355	357	CFS	8765		2		62.5			1/2		
357	359		8766		2		44.8			1		
359	361		8767		2		50.4			1		
361	363		8768		2		42.3			1 1/2		
373	374		8769		1		NO	SAMPLE				
375	376		8770		1		46.6			1		
377	378		8771		1		32.9			3 1/2		
379	380		8772		1		25.8			3		383-403 20
381	382		8773		1		49.0			1		
393	395		8774		2		32.1			1		
395	397		8775		2		31.7			1		
397	399	COMPOSITE 8774-26	8926		2		20.3			5		

COMPO.

G. 0.3 21.7 18.9 53.1 1 1/2 0.35

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS	
A22	A24		8927		2		31.8			1			
A24	A26	COMPOSITE 8927-29	8928		2		27.1			2			
A26	A28		Sample Tag footage 124-126	8929		2		16.2			6 1/2		
A28	A30		" 126-128 C & S	8930		2		74.3			1 1/2		
A30	A32	" 128-130 C & S	8931		2		57.0			3			
A32	A34	Sample Tag footage 130-32 C & S	8932		2		84.5			0			
A			COMPC		6	0.3	22.2	18.2	59.3	2 1/2	0.40		
A44	A46		8933		2		73.9			1			
A55	A57	C & S	8934		2		78.4			1 1/2			
A43	A45	? C & S	8935		2		73.3			1			
A91	A93	C & S	8936		2		53.4			1 1/2			
A93	A95		8937		2		35.3			1 1/2			
A99	501		8938		2		37.5			2 1/2			
501	503		8939		2		31.4			1			
5													



# Diamond Drill Geological Log



K-FORING 74(3)C-2

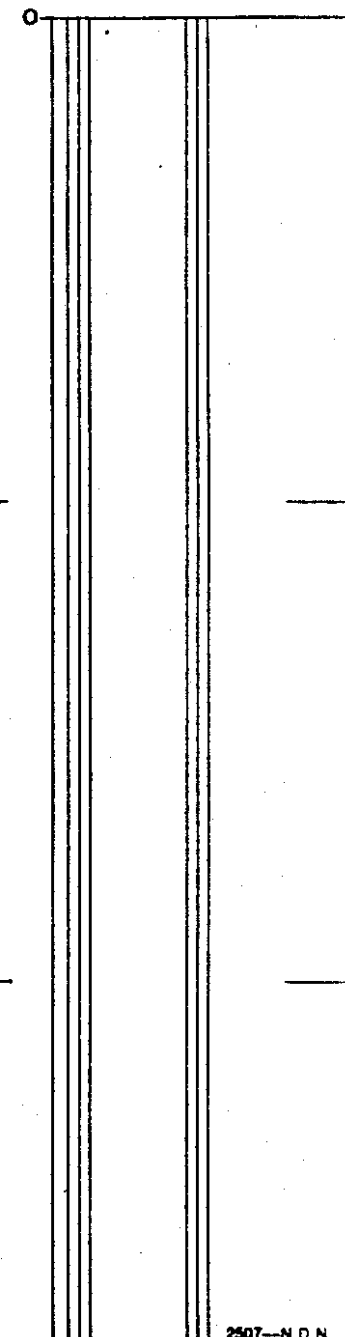
Objective:  
 Logged By: RK  
 Date: October 15, 1974

Sampled:  
 Composites:  
317

Block: Sect.: Place: App. Bear: App.: Dip.: Length:  
 HENRETTA MTN. 502'

From	To	Discard:	Reason:
INTERSECTIONS TAKEN FROM RADIATION LOG.			
0	15		Casing (Overburden 0-8' and sandstone 8-15')
15	53		Siltstone.
53	85		Sandstone and silty sandstone.
85	93.5		Mudstone.
93.5	96		Coal 2.5'.
96	98		Mudstone 2'.
98	107		Coal 9'.
107	110.5		Mudstone 3.5'.
110.5	115.5		Coal 5'.
115.5	131		Mudstone.
131	133		Coal 2'.
133	193		Mudstone, occasional thin siltstone interbeds.
193	196		Coal 3'.
196	220.5		Mudstone, some siltstone.
220.5	241	~	Coal 20.5'.
241	276		Mudstone, several siltstone interbeds.
276	281.5		Shaley coal 5.5'.
281.5	292.5		Coal 11'.
292.5	312.5		Mudstone, with thin band of siltstone.
312.5	314		Coal 1.5'.
314	322		Mudstone.
322	331		Coal 9'.
331	334		Mudstone and coal.

40 Scale  
 Color Plot & Dips  
 Ore Classes & Aver.



Core Size  
 Hole No. RH 911  
 Page 1 OF 2

# Diamond Drill Geological Log



Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_

Logged By: \_\_\_\_\_ Date: \_\_\_\_\_ Composites: \_\_\_\_\_

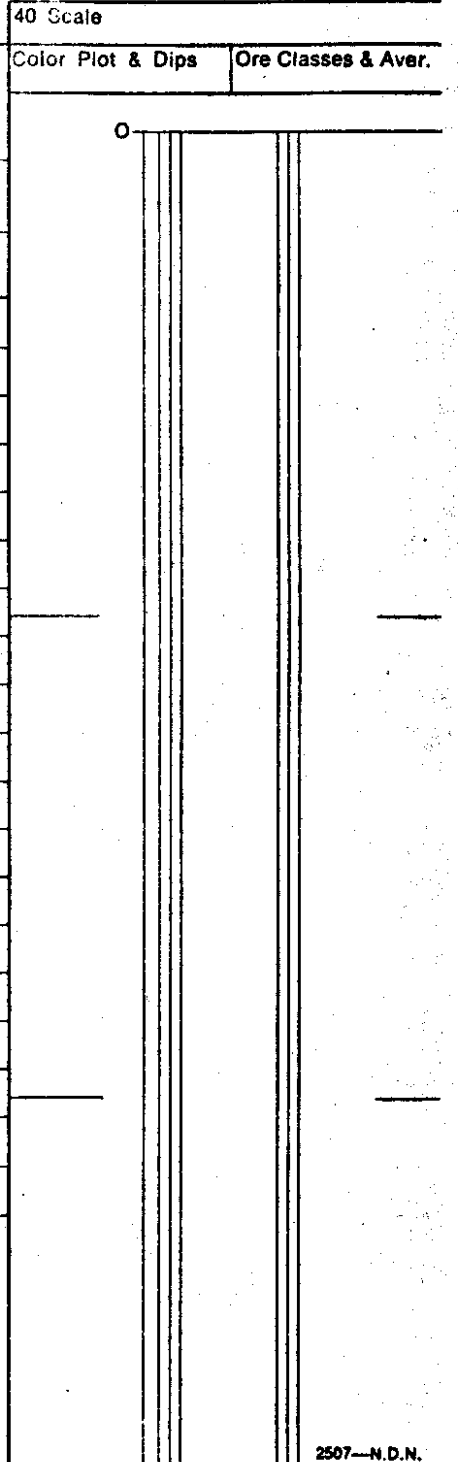
Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: \_\_\_\_\_ App. Bear: \_\_\_\_\_ App.: Dip.: \_\_\_\_\_ Length: 502'

From	To	Discard:	Reason:
334	335.5	Coal	1.5'
335.5	356	Mudstone.	
356	360	Coal	4'
360	396	Mudstone with thin bands of siltstone.	
396	403	4 Coal	7'
403	406	Mudstone	3'
406	412.5	Coal	6.5'
412.5	431	Mudstone, some siltstone	
431	444	Mostly sandstone, some mudstone.	
444	452	5 Coal	8'
452	466	Mudstone.	
466	467.5	Coal	1.5'
467.5	469.5	Mudstone	2'
469.5	478	Coal	8.5'
478	502	Mudstone.	
End of hole at 502'			
October 8, 1974			

Core Size

Hole No. RH 911

Page 2 OF 2



## DIAMOND DRILL SAMPLING RECORD

RH-911

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
94	96		8940		2		22.5			7 1/2		93 <sup>5</sup> -96
96	98		8941		2		38.7			7		98-107
98	100		8942		2		23.5			7 1/2		
100	102	COMPOSITE 8940-45 1	8943		2		14.5			7		
102	104		8944		2		29.2			7		
104	106		8945		2		22.9			7 1/2		
106	108		COMPO. 8946		12	0.5	24.7 49.2	2A.8	49.8	6 1/2 4 1/2	0.57	Ave. 25.2.
108	110	C&S	8947		2		49.3			1		
111	113	C&S	8948		2		41.6			4 1/2		
113	115		8949		2		24.2			6 1/2		
115	117		8950		2		52.9			3		
117	119	C&S	8951		2		59.9			1 1/2		
132	134	C&S	8952		2		41.9			5		
192	194		8953		2		29.0			7		
194	196		8954		2		40.3			7		
221	223		8955		2		20.9			7 1/2		
223	225		8956		2		9.0			8		220.5-241 20.5

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
225	227		8957		2		15.2			8		
227	229		8958		2		9.4			7 1/2		
229	231	COMPOSITE 8955-64 v	8959		2		5.3			7		
231	233		8960		2		13.1			8		
233	235		8961		2		15.0			7 1/2		
235	237		8962		2		16.5			7		
237	239		8963		2		15.1			8		Ave. Ash. 13.3
239	241		8964		2		SAMPLE LOST					
			COMPOSITE		20*	0.4	13.0	26.8	59.8	7 1/2	0.07	2' SAMPLE LOST.*
276	278		8965		2		53.9			2		
278	280		8966		2		49.6			3		
279	281	?	8967		2		65.8			1		
281	283		8968		2		48.8			3 1/2		
283	285		8969		2		38.4			6		
285	287		8970		2		40.6			5		
287	289		8971		2		23.5			5 1/2		
289	291		8972		2		45.5			4 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
291	293	C 1/2 S	8973		2		64.5			1		
312	314		8974		2		60.8			3		
317	319	C 1/2 S	8975		2		66.0			1		
319	321	C 1/2 S	6076		2		72.9			1		
321	323	C 1/2 S	6077		2		55.7			2 1/2		
323	325	COMPOSITE 6078-80. 3	6078		2		16.5			3		322-331 9'
325	327		6079		2		26.8			6 1/2		
327	329		6080		2		15.2			7 1/2		
329	331		COMPO. 6081		2	0.3	21.2	24.5	54.0	8 1/2	0.32	
331	333	C 1/2 S	6082		2		69.1			1		
333	335		6083		2		58.9			3		
335	337	C 1/2 S	6084		2		87.5			0		
358	360	C 1/2 S	6085		2		74.7			1/2		
393	395	C 1/2 S COMPOSITE 6086-87 4	6086		2		10.9			7 1/2		396-400 7'
395	397		6087		2		27.8			6		
					COMPO.	4	0.9	24.2	21.7	53.2	7 1/2	0.48

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
397	399	CES	6088		2		42.8			4		
399	401	CES	6089		2		68.1			1		
403	405	CES	6090		2		47.2			2		
405	407		6091		2		18.6			8		
407	409		6092		2		SAMPLE	LOST.				
409	411		6093		2		55.5			2		
411	412	CES	6094		1		SAMPLE	LOST.				
441	443	CES	6095		2		27.9			3		441-452
443	445	COMPOSITE 6095-93-5		6096	2		16.4			3 1/2		
445	447		6097		2		18.0			6 1/2		Ave Ash. 21.5%
447	449		6098		2		23.6			6 1/2		
449	451	CES	COMPO. 6099		2	0.8	21.9 42.4	21.3	62.1	4 1/2 4	0.49	
464	466	CES	6100		2		58.2			3		
466	468		6101		2		47.8			3		
468	470		6102		2		33.8			6		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
470	472		6103			2		44'			3		
472	474		6104			2		34.5			6 1/2		

# Diamond Drill Geological Log



K-FORING 74/3C-2

Objective: \_\_\_\_\_ Sampled: \_\_\_\_\_  
 Logged By: RK Date: October 15, 1974 Composites: \_\_\_\_\_  
 Block: \_\_\_\_\_ Sect.: \_\_\_\_\_ Place: HENRETTA MTN. App. Bear: \_\_\_\_\_ App.: Dip.: \_\_\_\_\_ Length: 269'

From To Discard: Reason: INTERSECTIONS TAKEN FROM RADIATION LOG.

From	To	Discard:	Reason:
0	99	Sandstone	(Casing 0-15')
99	117.5	Mudstone and siltstone.	
117.5	137	✓ Coal	19.5'
137	142	Mudstone	5'
142	149.5	⊕ Coal	7.5'
149.5	156	Mudstone.	
156	171	Sandy siltstone with mudstone interbed.	
171	212	Mudstone.	
212	216	Coal	4'
216	219	Mudstone.	
219	242	Sandstone.	
242	248	3 Coal	6'
248	269	Sandstone.	
End of hole at 269'			
October 10, 1974			

Core Size

Hole No. RH 912

Page 1 OF 1



DIAMOND DRILL SAMPLING RECORD

RH 912

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS	
118	120		6176		2		13.7			6 1/2			
120	122		6177		2		7.7			6 1/2		117.3-137 14.5	
122	124		6178		2		26.9			7			
124	126		6179		2		32.2			4			
126	128	COMPOSITE 6176-235	6180		2		19.6			6 1/2			
128	130		6181		2		18.4			5 1/2			
130	132		6182		2		14.7			4			
132	134		6183		2		20.7			3 1/2			
134	136		6184		2		9.9			2 1/2			
136	138		C & S	6185		2		44.8			3		
						Ave.	20.9						
			COMPO.		2.0	0.7	21.0	17.7	67.6	4	0.024	COMPO. Ash 21.0%	
140	142		6186		2		51.7			2 1/2			
142	144		6187		2		39.5			3			
144	146		6188		2		15.6			6 1/2		142-149.5 - 7.5	
146	148	COMPOSITE 6188-190	6189		2		20.1			1 1/2			
148	150		6190		2		25.7			2 1/2			
150	152		C & S	6191		2		85.2			0		
			COMPO.		6	0.7	21.8	16.4	56.8	3	0.144		
						Ave.	20.5						
212	214	C & S	6192		2		63.1			1 1/2			
214	216	C & S	6193		2		48.9			1			
216	218	C & S	6194		2		56.4			1			
244	246		6195		2		15.3			6 1/2		242-249.5 - 6	
246	248	COMPOSITE 6195-197	6196		2		12.3			7 1/2			
248	249		C & S	6197		1		29.2			7		
				COMPO.		5	0.1	19.4	16.9	52.7	6 1/2	0.17	
						W. Ave.	16.9						

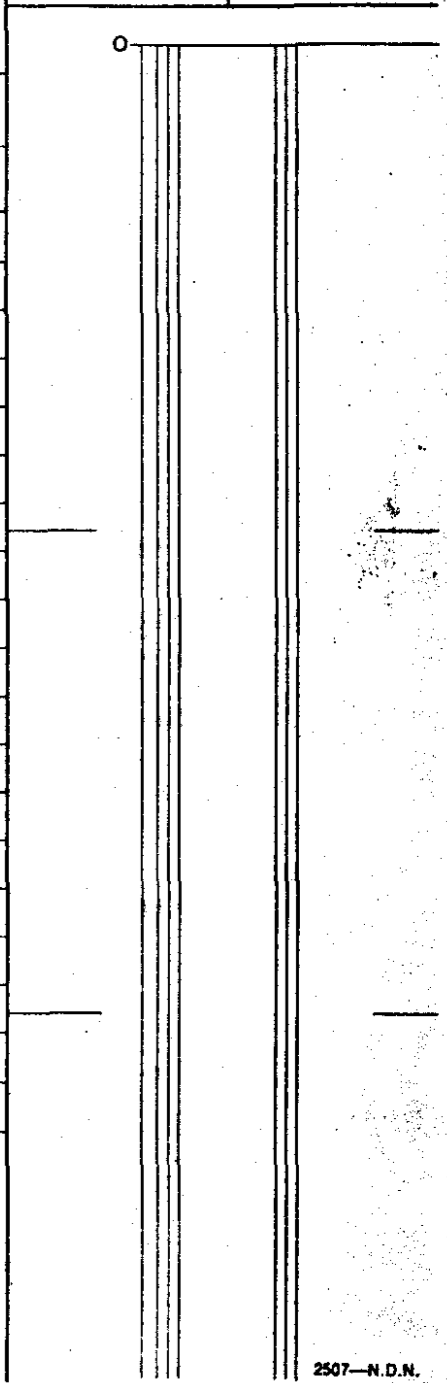
# Diamond Drill Geological Log



K-FOROTAK 74(3)C-2

Objective:		Sampled:		<b>317</b>		40 Scale
Logged By: RK		Date: October 15, 1974		Composites:		Color Plot & Dips
Block:	Sect.:	Place: HENRETTA MTN.	App. Bear:	App.: Dip.:	Length: 500'	Ore Classes & Aver.

From	To	Discard:	Reason:
INTERSECTIONS TAKEN FROM RADIATION LOG			
0	15		Casing (Driller: 0-10' O.B.?, 10-23' sandstone)
15	23		Sandstone.
23	36		Siltstone and mudstone.
36	41		Coal 5'.
41	58		Mudstone and siltstone.
58	107		Mostly siltstone, some sandstone.
107	119	~	Coal 12'.
119	211		Mudstone.
211	248		Sandstone and siltstone interbeds.
248	357		Mudstone, several siltstone interbeds.
357	384		Sandy siltstone with mudstone interbeds.
384	391		Mudstone.
391	401		Shaley Coal with two feet mudstone band at 394'.
401	404.5		Mudstone.
404.5	406		Coal 1.5'.
406	410		Mudstone.
410	414		Coal 4'.
414	425		Mudstone.
425	429		Coal 4'.
429	442		Mudstone.
442	446		Coal 4'.
446	500		Mudstone.
End of hole at 500'.			
October 11, 1974			



Core Size

Hole No. RH 913

Page 1 OF 1

DIAMOND DRILL SAMPLING RECORD

RH 913

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET	WIDTH	M	A	VM	FC	FSI	S	REMARKS
37	39		6198		2		10.3			7 1/2		
39	41	COMPOSITE 6198-200-1	6199		2		26.2			6 1/2		36-A1
41	43		6200		2		18.1			7 1/2		
43	45		6126		2		75.3			1 1/2		
			COMPOSITE		6	1 1/2 Ave.	19.2	22.0	42.3	7 1/2	0.40	COMPOSITE ASH 19.2
107	109		6127		2		9.7			2 1/2		
109	111		6128		2		10.2			5		
111	113	COMPOSITE 6127-32	6129		2		7.6			7 1/2		107-119
113	115		6130		2		11.2			7 1/2		
115	117		6131		2		13.0			6 1/2		
117	119		6132		2		13.1			7		
119	121	CESS	6133		2		59.7			1 1/2		
			COMPOSITE		12	1.0 Ave.	11.1	27.0	40.1	6 1/2	0.31	COMPOSITE ASH 11.1
							10.8					
401	403	CESS	6134		2		71.6			1		
406	408	PA No 3 FSI	6135		2		23.3			6 1/2		
408	410		6136		2		74.6			1		
			6135		2	0.8	20.2	25.3	53.7	7 1/2	0.48	
412	414	PA No 3 FSI	6137		2		29.6			6		
414	416	CESS	6138		2		85.2			0		
			6137		2	0.8	14.0	25.2	55.0	7	0.15	
445	447	CESS	6105		2		34.0			4 1/2		
447	449	CESS	6106		2		66.7			1		