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ELK VALLEY COAL CORPORATION
FORDING RIVER OPERATIONS

June 30, 2008

TITLES DIVISION, MINERAL TITLES VICTORIA, BC
JUL 07 2008
FILE NO. _____
LOG IN NO. _____

Mineral Titles
Ministry of Energy, Mines & Petroleum Resources
6th Floor, 1810 Blanshard Street
PO Box 9326 Stn Prov Govt
Victoria, BC
V8W 9N3

ATTN: Mrs. Kim Stone, Coal Administrator

Dear Mrs. Stone:

Please find enclosed one copy of the report entitled "Summary Report - 2007 Exploration Program."

I trust this submission will fulfill the requirements under the Coal Act and Coal Act Regulations.

Yours truly,

Barry Musil, P. Geo.
Senior Geologist
Telephone (250) 865-5169
Facsimile (250) 865-5165

Enclosure

Fording River Operations

Summary Report

2007 Exploration Program

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Statements of Author's Academic and Professional Qualifications

CERTIFICATE OF QUALIFIED PERSON

Name: Barry Musil, P.Geo.

Company: Elk Valley Coal Corporation

Address: Fording River Operations

P.O. Box 100

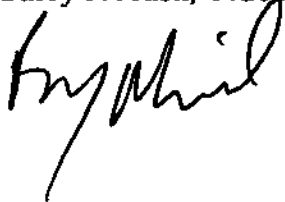
Elkford, BC

VOB IHO

Phone: (250)865-5169

I, Barry Musil, P.Geo, am employed as a Senior Geologist, Supervisor at Fording River Operations. This certificate applies to the report titled "Summary Report, 2007 Exploration Program". I graduated from the University of British Columbia with a Bachelor of Science Degree in Geology, 1984. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia (# 19361). Since 1986 I have been involved with coal mining projects at Fording River Operations. As a result of my experience and qualifications, I am a Qualified Person as defined in National Instrument 43-101 Standards of Disclosure for Mineral Projects (NI 43-101).

Barry F. Musil, P.Geo.



SCHEDULE C

PROVINCE OF
BRITISH COLUMBIA

MINISTRY OF
ENERGY, MINES AND
PETROLEUM RESOURCES

TITLE PAGE OF
ASSESSMENT REPORT

GENERAL NATURE OF WORK

TOTAL COST

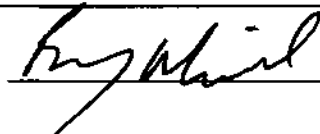
Exploration

\$1,932,000.00

Author of Landsman

Signature

(s)



B. Musil (P. Geo.)

Date Report Filed

June 30/08

Year of Work

2007

Property Name

Fording River Operations

Coal Type (if applicable)

Medium to High Volatile Bituminous

Mining Division

Fort Steele

Longitude

114° 52'

Latitude

50° 12'

Coal Licence Numbers; Coal Leases; Freehold

BC Coal Lease #16

Lot #4588

Coal Licences #327990,
327991, 327993, 327996

Owner (s)

(1) Elk Valley Coal Corporation

PO Box 100, Elkford, BC, V0b 1H0

Operator (s)

(a) Same

References to Previous Work

Annual Assessment Reports Since 1970

Fording River Operations
Summary Report
2007 Exploration Program

I. Introduction

1. General Geography and History

The Fording River Coal property is located in the Fording River and Upper Elk Valleys, approximately 25 kilometres north of Elkford, BC. Access is by paved road north from Elkford along the Fording River Valley, or north along the Elk River Valley via the Forestry Service gravel road or the Kan-Elk Powerline road.

The Fording River minesite is situated within the front range of the southern Canadian Rocky Mountains. At least ten major coal seams, generally greater than four metres thick, are contained in the Mist Mountain Formation of the Kootenay Group.

The Elk River portion of the property was actively explored by the Canadian Pacific Railway Company in the period 1902-1908. Until 1947, the property was comprised of 10,276 hectares in 40 Crown Granted Lots. In that year, the holdings were reduced to 2,979 hectares in 15 Crown Granted Lots. In 1967 and 1968, Canadian Pacific Oil and Gas reacquired part of the coal lands which had been abandoned in 1947. An additional nine Coal Licences located at the south end of the property were acquired in 2001. At the present time, the Fording River Property consists of 22,635 hectares, held on seven Coal Leases, 9 Coal Licences, and 15 Crown Granted Lots.

Mining operations, which commenced in 1971, have produced more than 197.8 million tonnes of clean metallurgical and thermal coal for markets in North and South America, Africa, Europe, and Asia.

Reference:

- i) Illustration No. 1A: Index Map – Coal Properties

2. Geology

i) Stratigraphy

The general stratigraphic succession on the Fording River Property is summarized in the following table:

Table 1 - Fording River Stratigraphy

Period	Litho-Stratigraphic Units		Principal Rock Types
Recent			Colluvium
Quaternary			Clay, silt, sand, gravel, cobbles
Lower Cretaceous	Blairmore Group		Massive bedded sandstones and conglomerates
Lower Cretaceous to Upper Jurassic	K O O	Elk Formation	Sandstone, siltstone, shale, mudstones, chert pebble conglomerate, minor coal
		Mist Mountain Formation	Sandstone, siltstone, shale, mudstones, thick coal seams
	T E N A Y G R O U P	Moose Mountain Member	Medium to coarse-grained quartz-chert sandstone
		Weary Ridge Member	Fine to coarse-grained, slight ferruginous quartz-chert sandstone
Jurassic	Fernie Formation		Shale, siltstone, fine-grained sandstone
Triassic	Spray River Formation		Sandy shale, shale quartzite
	Rocky Mountain Formation		Quartzite
Mississippian	Rundle Group		Limestone

The oldest rocks present on the Fording River property are the Rundle Group limestones, located on the west bank of the Fording River, near the southern property boundary. They are in faulted contact with the Kootenay Group to the west, and unconformable contact with Rocky Mountain Formation quartzites to the north. The latter are best exposed on the eastern slope of the Brownie Creek valley.

The Fernie Formation shales occur throughout the area, generally along the sides of the valleys on the lower flanks of the mountains. The shales are recessive and, therefore, poorly exposed. The Fernie Formation is in conformable contact with the Morrissey, through the "Passage Beds," which are a transitional zone from marine to non-marine sedimentation.

The Morrissey Formation, which is the "basal sandstone" of the Kootenay Group, is a prominent cliff-forming marker horizon in many locations. On the Fording River property, the top of the Moose Mountain member (Morrissey Formation) is in sharp contact with #1 or A seam, the lowermost bed of the Mist Mountain Formation.

The Mist Mountain Formation contains all of the economic coal seams, and is the most widely occurring formation on the Fording River property. This economically important formation is an interbedded sequence of sandstones, siltstones, silty shales, mudstones, and medium to high volatile bituminous coal seams. The volatile content of the coal increases up section, with decreasing rank. Lenticular sandstones comprise about 1/3 of the Mist Mountain sediments at Fording River, but very few laterally extensive sandstone beds exist.

The sandstone above and below seam #4 (B) and above #9(F), are the most persistent units, and are often cliff-forming marker horizons.

The Mist Mountain Formation is generally overlain conformably by strata of the Elk Formation. On the Fording property, this formation is commonly a succession of sandstones, siltstones, shales, mudstones, chert pebble conglomerates, and sporadic, thin, high volatile bituminous coal seams. The coal seams are characterized by a high alginate content and referred to as "Needle" coal. The Elk Formation is observed near the tops of the mountains, mainly on the east side of the Elk Valley on the Greenhills Range, and northward to the Mount Tuxford areas.

The top of the Elk Formation marks the upper boundary of the Kootenay Group, which is unconformably overlain by the basal member of the Blairmore Group. This thick

bedded, cliff-forming sandstone and conglomerate unit is observed on the upper slopes of Mount Tuxford.

ii) Structure

Subsequent to deposition, the sediments were involved in the mountain building movements of the late Cretaceous to early Tertiary Laramide orogeny. The major structural features of the Fording River property are the north-south trending synclines with near horizontal to steep westerly dipping thrust faults, and a few high angle normal faults. Some of the thrust faults were probably folded late in the tectonic cycle.

The formation of the major fold structures began early in the tectonic cycle. In the current mining area, two asymmetric synclines are evident: the Greenhills Syncline to the west, and the Alexander Creek Synclines to the east of the Fording River.

The thrust faulting (ie: the Ewin Pass and Brownie Ridge Thrusts), was probably contemporaneous with the later stages of folding. The intervening anticline was subsequently faulted (Ericson Fault), then eroded.

The Alexander Creek Syncline can be traced from the southern property boundary on Castle Mountain to the northern end of the property on Weary Ridge. The strata of the west limb, on the west face of Eagle Mountain, dip easterly at 20 to 25^o, decreasing gradually to zero as the axis is approached. The east limb, however, attains a 20^o westerly dip within a much shorter (500m) distance of the axis. This asymmetry is possibly due, at least in part, to the influence of the Ewin Pass Thrust which subcrops 600 to 800 metres east of the synclinal axis.

Further to the east, on Brownie Ridge, the strata dip westerly at a mean dip of 42^o. The Brownie Ridge Thrust, which subcrops near the crest of the ridge, probably contributes to this steepening.

Within the mining area, the axis of the Alexander Creek Syncline plunges to the north at an average of 4^o. Turnbull Mountain exhibits a localized series of an echelon fold structure, plunging both to the north and to the south. These subsidiary folds may be

related to thrust faulting. From the south end of Mount Tuxford, the synclinal axis continues north-northwest along the base of Mount Veits and into the Elk River Valley near Aldridge Creek.

On Mount Tuxford, the beds exposed are those of the Elk Formation and the overlying (non-coal bearing) Cadomin Formation. The area has not been extensively explored. The stratigraphic sequence of the east limb, in the more extensively explored Mist Mountain strata near Aldridge Creek (Elco property), closely resembles the east limb strata found on Henretta Ridge, ten kilometers to the south.

On the northwest corner of Eagle Mountain, the lower Kootenay-upper Fernie section is the locus for a zone of near horizontal thrust faulting. The effect is to cause a double repetition of the lower coal seams and basal sandstone on the west synclinal limb. This fault zone is synclinal in form, and continuous with the Ewin Pass Thrust zone found in the east limb.

The Greenhills Syncline in the mining area is essentially a "mirror-image" of the Alexander Creek structure. The east limb of the asymmetric syncline dips westerly at 15 to 25°, except in areas near the Ericson Fault, where 45 to 55° dips are common. The west limb exhibits much steeper dips, commonly in the 35 to 45° range. The Greenhills Syncline plunges northward (340 to 350°), at less than 5°, and then apparently dies out to the north in the area of the Osborne Creek Depression.

The Ericson Fault, which locally runs along the base of the Greenhills Range, west of the Fording River, is one of the major regional faults. From south to north, this westerly dipping (40 to 70°) normal fault, brings Mist Mountain strata progressively into contact with Rundle, Rock Mountain, Spray River, Fernie, and Morrissey strata. The downthrown block is to the west.

Near the south end of Lake Mountain, the Ericson Faults begins to "splay" into two zones. The main fault runs along the eastern margin of Lake Mountain, and the subsidiary fault runs to the west and appears to "die out" northward. The steep northward dip exhibited in the Lake Mountain strata could be due to influence from

these flanking “splays” of the fault. The flat lying region to the north of Lake Mountain (Osborne Creek Depression area) is completely void of outcrop, and the Ericson Fault has not been traced either through or to the north of this area.

Reference:

- i) Illustration No. 1B: General Geology Map

3. Summary of Work Done in 2007

48 reverse circulation drill holes were completed for a total of 16,106 metres. Geological field mapping was conducted by staff geologists on Bare and Castle Mountains.

Rotary drilling was done by SDS Drilling using three Ingersol Rand TH100 truck mounted rigs.

All holes were geophysically logged through the rods using the gamma-neutron method. Holes that remained open after the rods were pulled were logged for down hole deviation, and for gamma-density. Logging was done by Century Geophysical Corporation.

Coal seams encountered by rotary drilling were sampled in 0.5m intervals. Representative composite samples for each coal seam encountered in the hole were prepared at Fording's Process Plant Laboratory. Each seam composite was tested for proximate analysis, % Sulphur, and Free Swelling Index. Samples from selected seam composites were sent to David E. Pearson and associates for petrographic analysis.

Fording staff laid out the access roads and drillsite locations. Pre-logging was done by Trucut Logging. Road and drillsite construction was done by Tiegen Contractors Inc. Staff Surveyors provided the required survey control and drillhole pickups.

The following table shows the drillhole locations with respect to Coal Lease and Licence boundaries:

Table 2 - Drillhole Locations

<u>Lease/Licence</u>	<u>Drillholes</u>
L4588 (freehold)	RH # 2973, 2975, 2977
BC Coal Lease #16	RH # 2923, 2932-2934, 2936, 2940, 2943, 2947, 2949, 2952, 2955, 2957, 2959, 2960, 2962, 2963, 2965, 2966, 3039, 3040, 3042-3047
Coal Licence #327990	RH # 2998-3000
Coal Licence #327991	RH # 2968, 2972, 2974, 2976, 2979
Coal Licence #327993	RH # 2988-2997
Coal Licence #327996	RH # 2987

Reference:

- i) Illustration No. 2A: 2007 Completed Exploration – Castle and Bare Mountains

II. Individual Area Programs

1. Castle Mountain

i) Objective

A recent economic evaluation of the mining potential on the southwest flank of Castle Mountain indicated a good potential for large scale mining in this area. Prior to 2007, approximately 50% of the project area had been drilled to a density sufficient for inclusion in reserves.

The objective of the 2007 drilling and field mapping program was to provide additional seam location, thickness, and quality data at a density sufficient to upgrade this area to reserves status. This can be accomplished in two to four years, depending on the size of subsequent programs.

ii) Summary of Work Done

34 reverse circulation rotary drillholes were completed in 2007 for a total of 11,572 metres. Most seam exposures on all new access roads were mapped and selected exposures were sampled and analyzed for Romax. (Mapping will be completed by summer 2008)

All holes were geophysically logged through drill rods using the gamma-neutron method. Holes that remained open after the drill rods were pulled, were open hole logged for gamma-density and hole deviation.

iii) Results and Conclusions

The 2007 drilling and field mapping program concentrated on the north, and central to southern portions of Castle Mountain. The northern area is distinct from the central and southern areas, which blend into each other.

The northern project area (146000N - 147000N) included eight drill holes and intersected the entire section from 160 seam down to 010 seam and basal sandstone. The central/southern program was an extension of the 2006 drill program, intersecting

primarily seams 140 to 054. As in previous holes seams, 140, 130, 110, 071, 070, 051, 050, and 054 are the only seams that maintain a thickness exceeding 5 metres with reasonable continuity. Seam 070 is exceptionally thick and continuous in the north central area. A drillhole density of 200m has not yet been obtained in Reserve areas. This will be a primary goal for the 2008 program.

The project area is structurally dominated by the Alexander Creek syncline; primarily the west limb. Several minor thrust faults affect the area resulting in localized repetitions of many of the coal seams. The regional Ewin Pass thrust fault forms the eastern boundary of the project area.

Results from the 2007 drilling program have been incorporated into the Castle Mountain 3D Block Model. Economic evaluation is currently underway.

2. Bare Mountain

i) Objective

A regional study conducted in 2000 combined with data from 32 reverse circulation rotary drillholes completed since 2001 indicates some potential for large scale open pit mining exists on Bare Mountain.

The objective of the 2007 exploration program was to provide additional seam location, thickness, and quality information required to update a 3D block model for the northern portion of Bare Mountain. The three most southerly holes drilled in 2006 did not show a southward extension of any mining potential.

ii) Summary of Work Done

14 reverse circulation rotary drillholes were completed in 2007 for a total of 4534 metres. Seam exposures on all new access roads were mapped and selected exposures were sampled and analyzed for Romax.

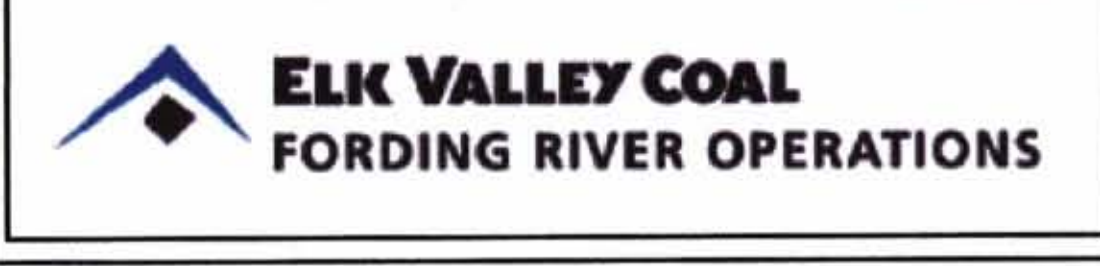
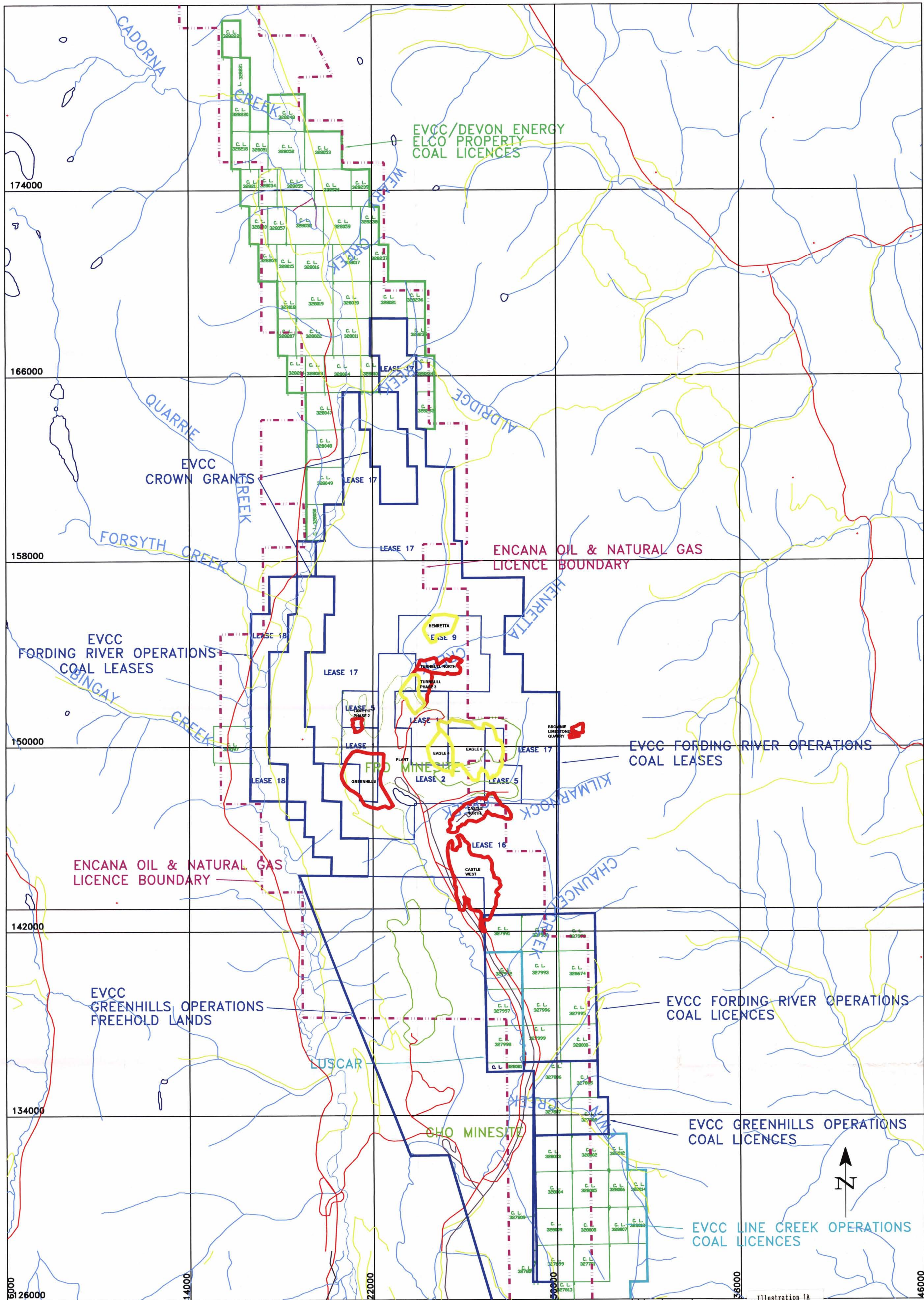
All holes were geophysically logged through drill rods using the gamma-neutron method. Holes that remained open after the drill rods were pulled, and were also logged for gamma-density and down hole deviation.

iii) Results and Conclusions

The 2007 drilling and field mapping program concentrated on the north and northwest portions of Bare Mountain. The area is characterized by very steep westerly dipping bedding (45 to 75 degrees) on the east limb of the Alexander Creek syncline; beneath the Ewin Pass thrust fault. Several minor thrust faults also affect the area; the eastern most of which is likely the southern extension of the Brownie Ridge thrust seen on Eagle Mountain.

The entire sequence of Mist Mountain Formation was intersected in several of the deeper holes, with Elk Formation 200m thick in RH #2849 (drilled 2006). The Mist Mountain Formation on Bare Mountain contains three dominant coal seams (#5, 7, and 11) which are consistently greater than ten meters in thickness, and often significantly thicker. The remaining seams are inconsistent but often thinner than five metres.

An economic analysis to show economic feasibility for open pit mining using 2007 costs and revenue showed Bare Mountain to be marginally not feasible. The 2007 drilling and mapping results basically confirmed previous drilling with respect to seam thickness and major structures. There were some minor differences in seam thickness and dip that may have some bearing on future economic analysis.



LEGEND

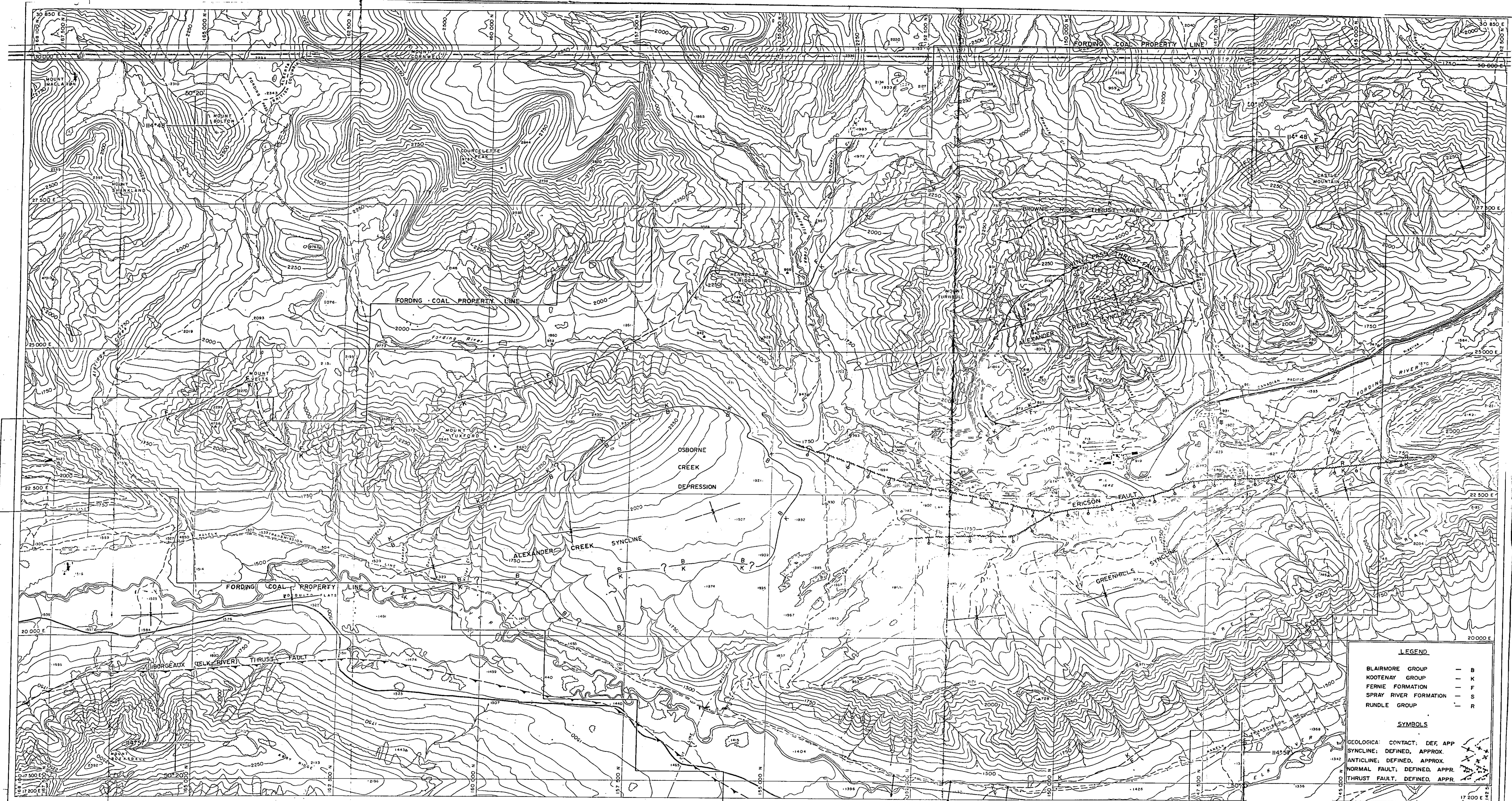
- CURRENT MINING AREA
- FUTURE MINING AREA

DATE	MADE BY	DESCRIPTION
04-20-07		

Illustration 1A

E.V.C.C.
UPPER ELK VALLEY COAL TENURE

SCALE: 1:50,000



LEGEND

BLAIRMORE GROUP — B
 KOOTENAY GROUP — K
 FERNIE FORMATION — F
 SPRAY RIVER FORMATION — S
 RUNDLE GROUP — R

SYMBOLS

GEOLOGICAL CONTACT: DEFINED, APPROX.
 SYNCLINE: DEFINED, APPROX.
 ANTICLINE: DEFINED, APPROX.
 NORMAL FAULT: DEFINED, APPROX.
 THRUST FAULT: DEFINED, APPROX.

Job No. 06333-7 Date Plotted August, 1977
 McELHANNY SURVEYING & ENGINEERING LTD.

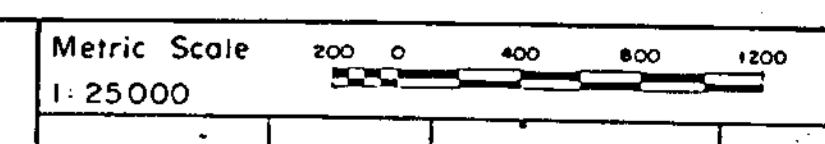
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Activity:	
Section:	
Job:	

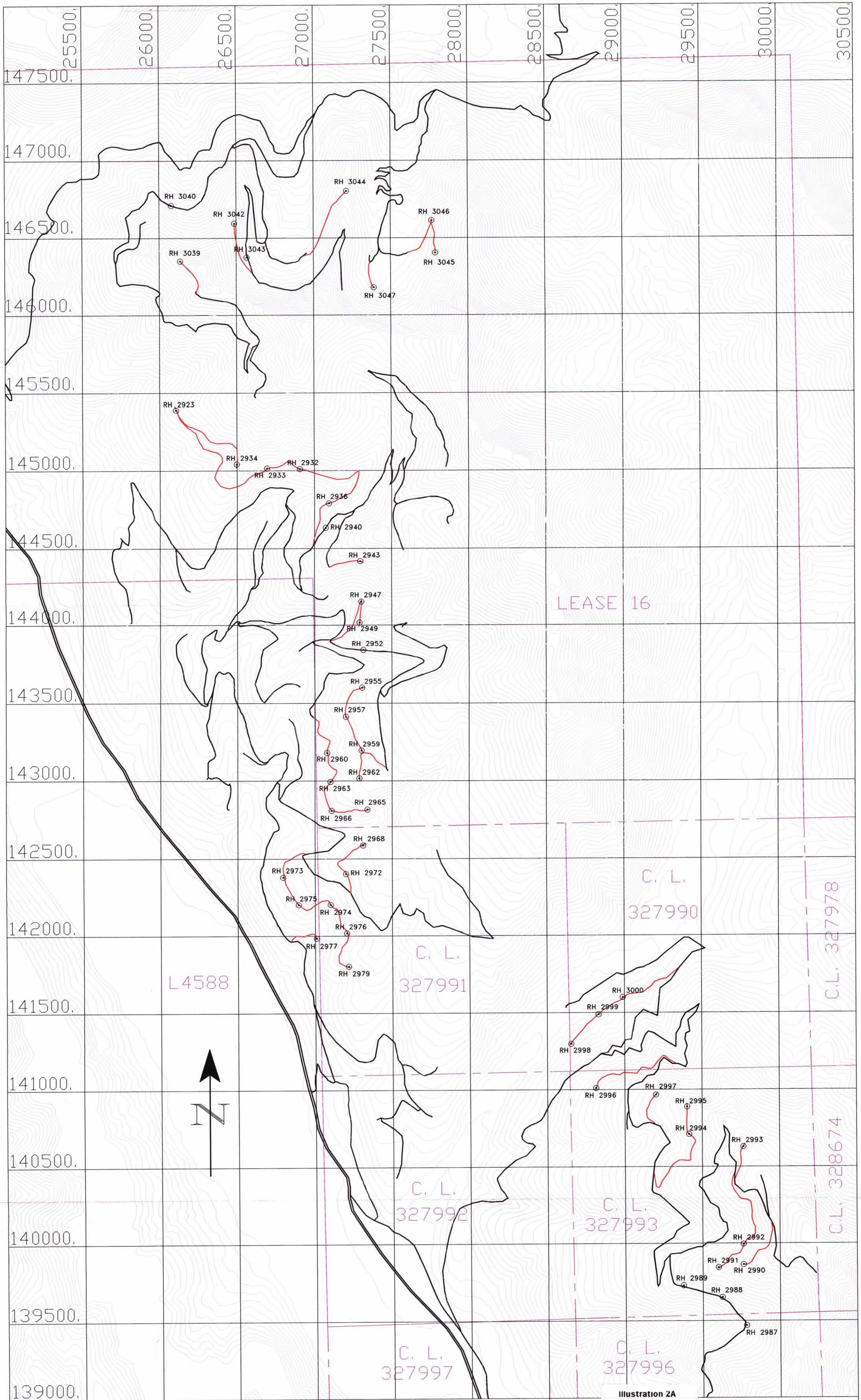
Revisions	No.	Made by	Date	Description

Drawn by: J.S. JUNE 1953
 Checked by: Design Eng.
 Proj. Eng. Approved

GEOLOGY MAP — ILLUSTRATION 1b

Illustration 1b





ELK VALLEY COAL
LEGEND

EXISTING ACCESS ———
2007 ACCESS ——— 2007 DRILLSITE ○

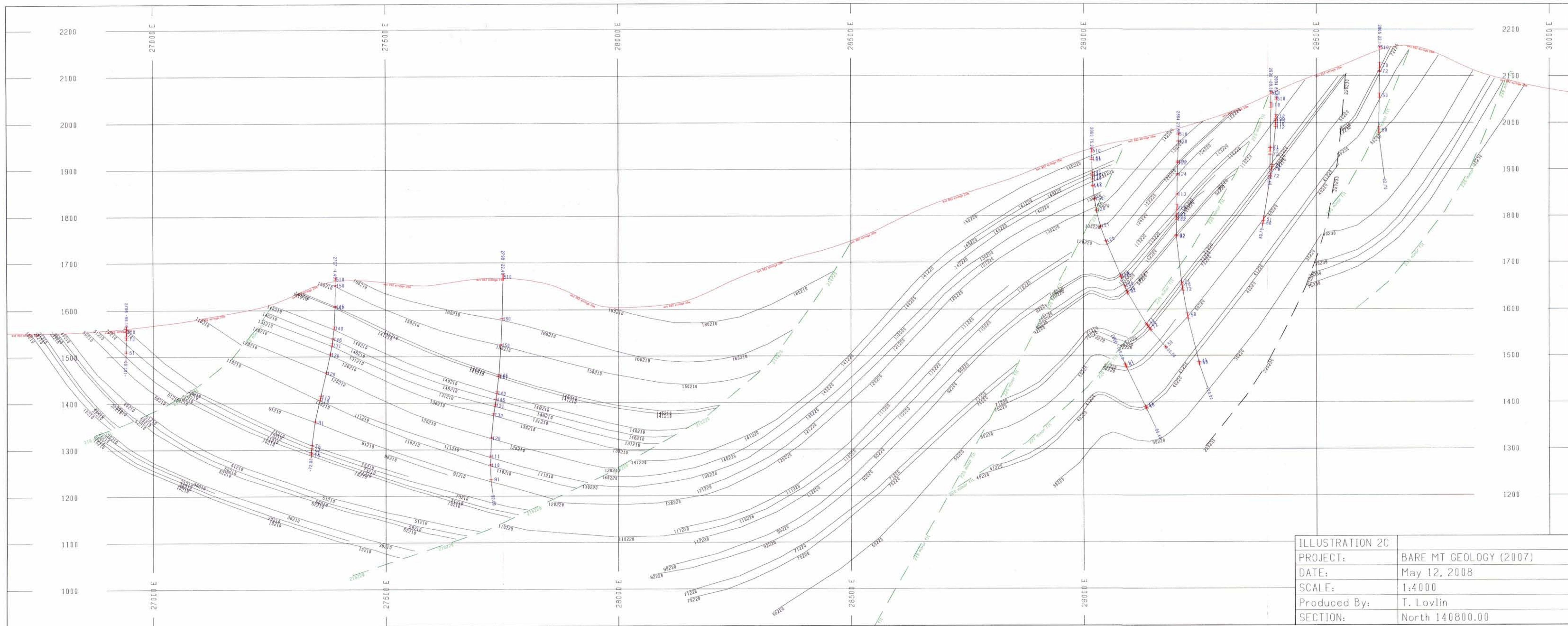
Illustration ZA

**2007 COMPLETED EXPLORATION
CASTLE & BARE MOUNTAINS**

DRAWN BY
GES

SCALE
1:10,000

DRAWING NUMBER
EXP-9-84



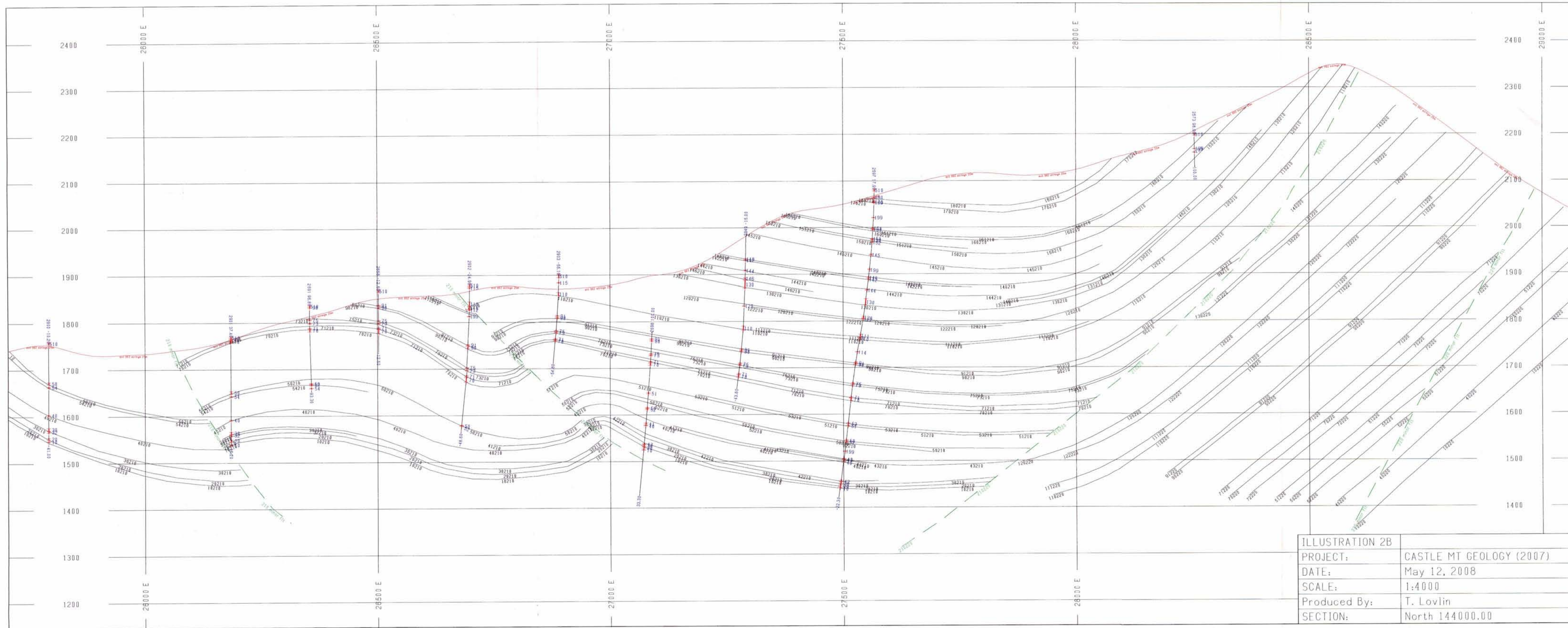


ILLUSTRATION 2B	
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DATE:	May 12, 2008
SCALE:	1:4000
Produced By:	T. Lovlin
SECTION:	North 144000.00

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http://www.bclaws.ca/EPLibraries/bclaws_new/document/ID/free/10_251_2004

COMPANY: ELK VALLEY COAL
 WELL: 2923
 FIELD: FORDING RIVER OPERATIONS
 COUNTRY: CANADA
 PROVINCE: B.C.
 LOCATION: N/A
 SECTION: N/A
 TOWNSHIP: N/A
 RANGE: N/A
 LICENCE NO.: N/A
 UNIQUE WELL ID.: N/A

OTHER SERVICES:
 9007
 9007

2923

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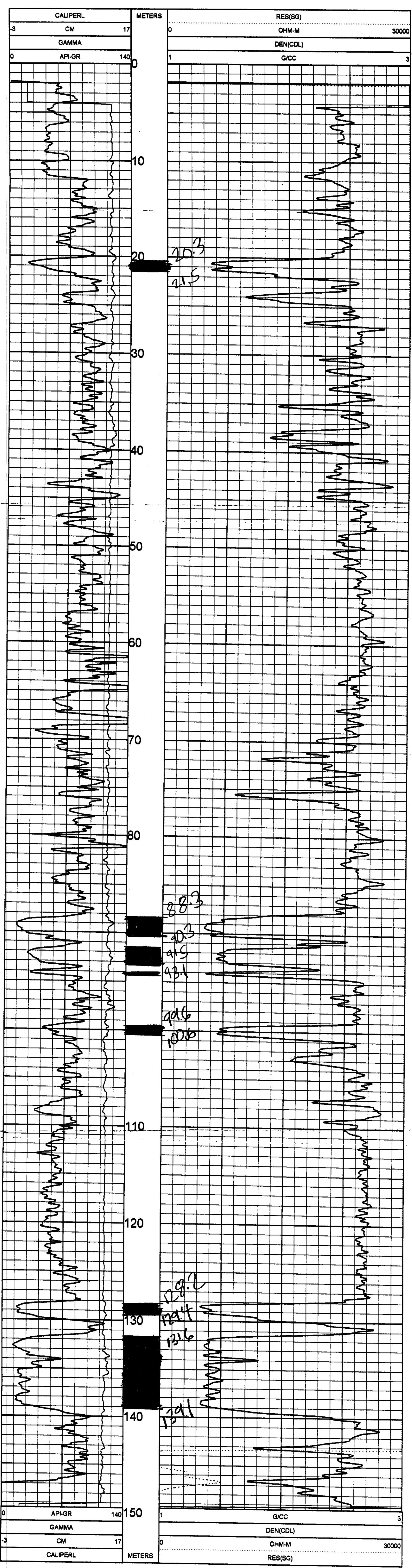
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 MUD WEIGHT: 1.10
 WITNESSED BY: SOS DRILLING
 RECORDED BY: B. BERINGER
 REMARKS 1:
 REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 COMPENSATED DENSITY 2923 07/24/07

LOG PARAMETERS

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1:200 COMPENSATED DENSITY 2923 07/24/07

LOG PARAMETERS

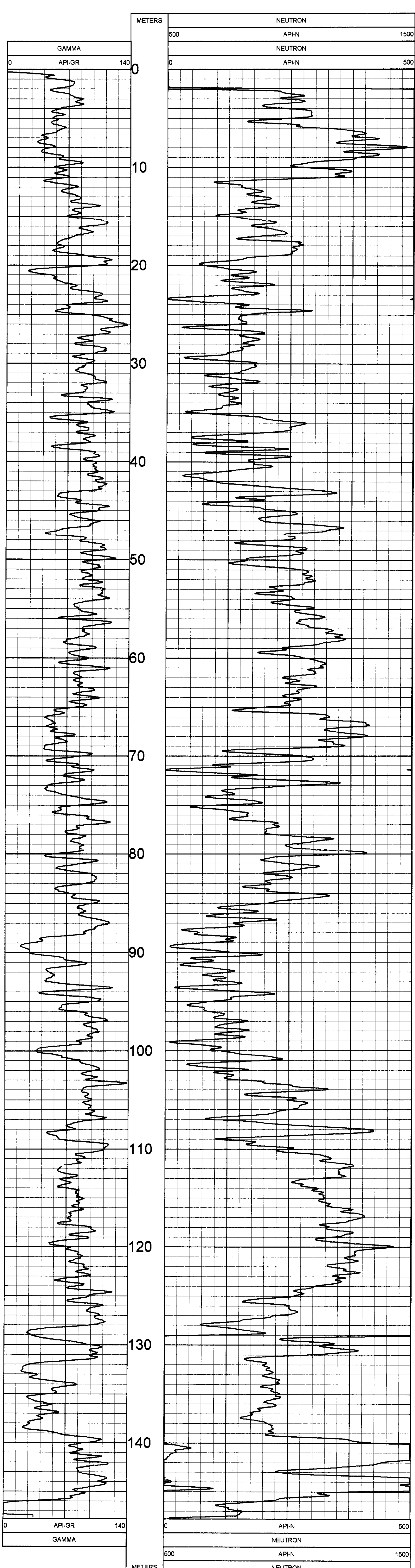
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Century WIRELINE SERVICES		SLIM GAMMA-NEUTRON	
2923		2923	
COMPANY	ELK VALLEY COAL	OTHER SERVICES:	
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FIELD	FORDING RIVER OPERATIONS	9067	
COUNTRY	CANADA		
PROVINCE	B.C.		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENCE NO.	N/A		
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MUD RES	N/A		
MUD WEIGHT	1.0		
WITNESSED BY	SOS DRILLING		
RECORDED BY	B. BERINGER		
REMARKS 1			
REMARKS 2			

1:200 SLIM GAMMA NEUTRON 2923 07/23/07

LOG PARAMETERS

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1:200 SLIM GAMMA NEUTRON 2923 07/23/07

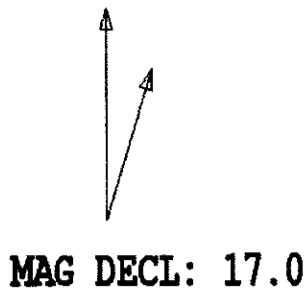
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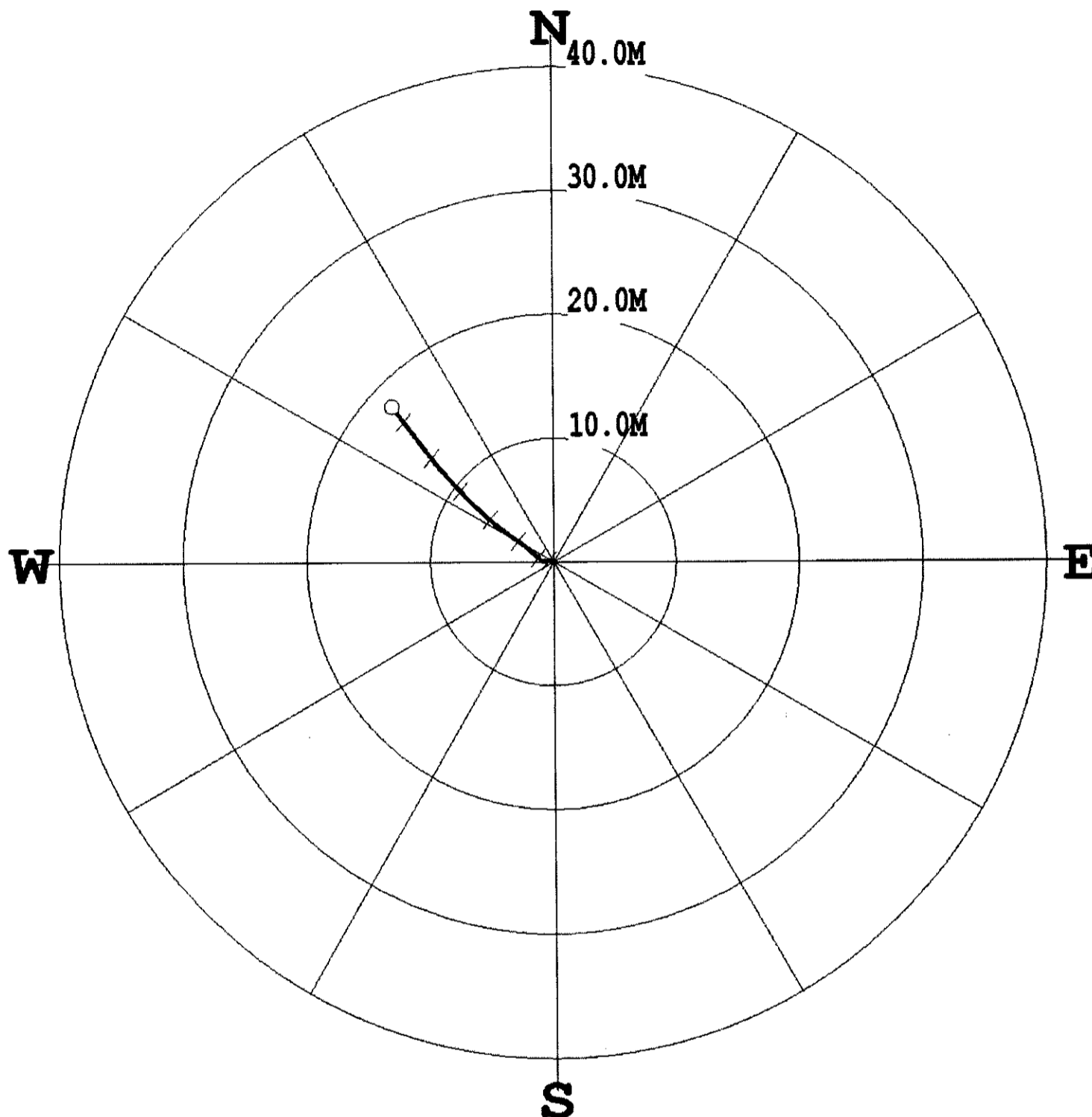
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1	Jul20.07 01:44:30	GAMMA	250.000 [API-GR]	52.00	[CPS]
2	Sep03.06 10:47:15	NEUTRON	1.000 [API-N]	1.00	[CPS]
2	Sep03.06 10:47:15	NEUTRON	500.000 [API-N]	500.00	[CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2923
 DATE OF LOG: 07/24/07
 PROBE: 9057A 1067



SCALE: 5 M/CM
 TRUE DEPTH: 147.88 M
 AZIMUTH: 314.0
 DISTANCE: 18.1 M
 + = 20 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT	: ELK VALLEY COAL	HOLE ID.	: 2923
FIELD OFFICE	: PENHOLD	DATE OF LOG	: 07/24/07
DATA FROM	: N/A	PROBE	: 9057A , 1067
MAG. DECL.	: 17.000	DEPTH UNITS	: METERS
LOG: 2923_07-24-07_11-05_9057A_.02_5.00_149.47_DEVI.log			

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
5.02	5.02	0.00	-0.00	0.0	316.2	1.4	316.2
15.00	15.00	0.10	-0.20	0.2	297.2	1.8	290.6
25.00	24.99	0.06	-0.54	0.5	276.8	2.3	261.3
35.00	34.98	0.09	-0.95	1.0	275.2	3.6	317.6
45.00	44.95	0.60	-1.57	1.7	290.7	4.9	305.4
55.00	54.89	1.30	-2.38	2.7	298.7	6.9	313.5
65.00	64.81	2.05	-3.40	4.0	301.1	8.2	302.1
75.00	74.71	2.89	-4.52	5.4	302.6	9.1	311.9
85.00	84.58	3.93	-5.69	6.9	304.6	9.2	312.3
95.00	94.45	5.07	-6.88	8.5	306.4	9.5	315.2
105.00	104.31	6.29	-8.03	10.2	308.1	10.0	315.7
115.00	114.15	7.61	-9.20	11.9	309.6	9.9	318.7
125.00	123.99	8.99	-10.30	13.7	311.1	10.2	322.9
135.00	133.83	10.43	-11.40	15.4	312.5	10.7	322.9
145.00	143.65	11.91	-12.52	17.3	313.6	10.5	320.0
149.30	147.88	12.55	-13.00	18.1	314.0	11.4	322.2

2932

COMPANY: EIA VALLEY COAL
WELL: 2932
FIELD: FORDING RIVER OPERATIONS
COUNTRY: CANADA
PROVINCE: ALBERTA

OTHER SERVICES:
8987
9987

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
LICENSE NO.: N/A
UNIQUE WELL ID.: N/A

PERMANENT DATUM: 82
LOG MEASURED FROM: 82
ELEVATION TO N/A
ELEVATION OF N/A
ELEVATION OF N/A

DATE: 07/22/07
DEPTH DRILLER: ZZY
BIT SIZE: 13

LOG TOP: 222
LOG BOTTOM: 233.71
CASING LOGGER: N/A
CASING DRILLER: 3

CASING TYPE: N/A
BORINGHOLE FLUID: WATER
RM TEMPERATURE: N/A
MUD RES: N/A
MUD WEIGHT: 1.0
WITNESSED BY: SDS DRILLING
RECORDED BY: A. BERINGER
REMARKS 1:
REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

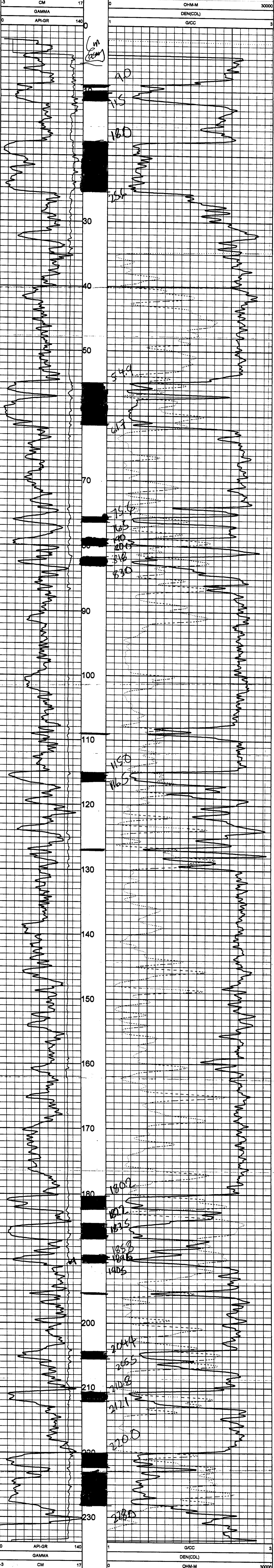
1:200 COMPENSATED DENSITY 2932 07/22/07

LOG PARAMETERS

MATRIX DENSITY: 2.65
MAGNETIC DECL: 17
PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007

NEUTRON MATRIX: SANDSTONE
ELECT. CUTOFF: 90999

MATRIX DELTA T: 177
BIT SIZE: 13
VERSION = 3.64EK



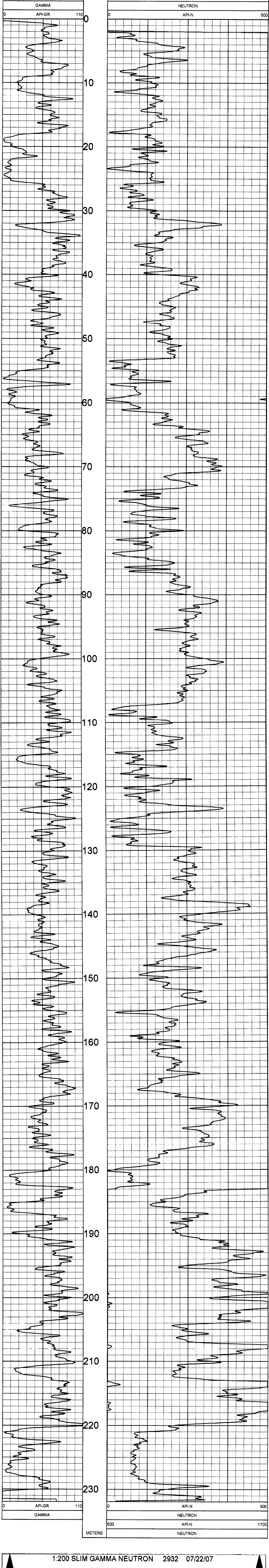
CALIPERL	METERS	RES(SG)	30000
GAMMA	140	DEN(CDL)	3
CM	17	OHM-M	0
API-GR	0	G/CC	1

COMPANY	ELK VALLEY COAL	OTHER SERVICES:
WELL	2932	
FIELD	FORMING RIVER OPERATIONS	
COUNTRY	CANADA	906/ 9238
PROVINCE	ALBERTA	
LOCATION	N/A	
SECTION	N/A	
TOWNSHIP	N/A	
RANGE	N/A	
LICENCE NO.	N/A	
UNIQUE WELL ID.	N/A	
PERMANENT DATUM	SL	ELEVATION NG N/A
LOG MEASURED FROM	SL	ELEVATION DR N/A
DR1 MEASURED FROM	SL	ELEVATION GL N/A
DATE	07/22/07	
DEPTH DRILLER	237	
BIT SIZE	13	
LOG TOP	0.33	
LOG BOTTOM	231.87	
CASING LOGGER	N/A	
CASING DRILLER	3	
CASING TYPE	N/A	
BORHOLE FLUID	WATER	
RM TEMPERATURE	N/A	
MUD RES	N/A	
MUD WEIGHT	1.0	
WITNESSED BY	SOS DRILLING	
RECORDED BY	B. BERINGER	
REMARKS 1		
REMARKS 2		

1:200 SLIM GAMMA NEUTRON 2932 07/22/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9067A.0 07/04/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2932 07/22/07

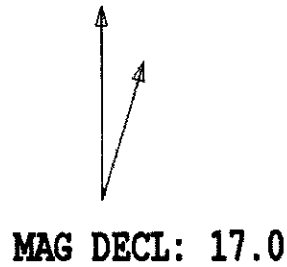
LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9067A.0 07/04/2007 VERSION = 3.64EK

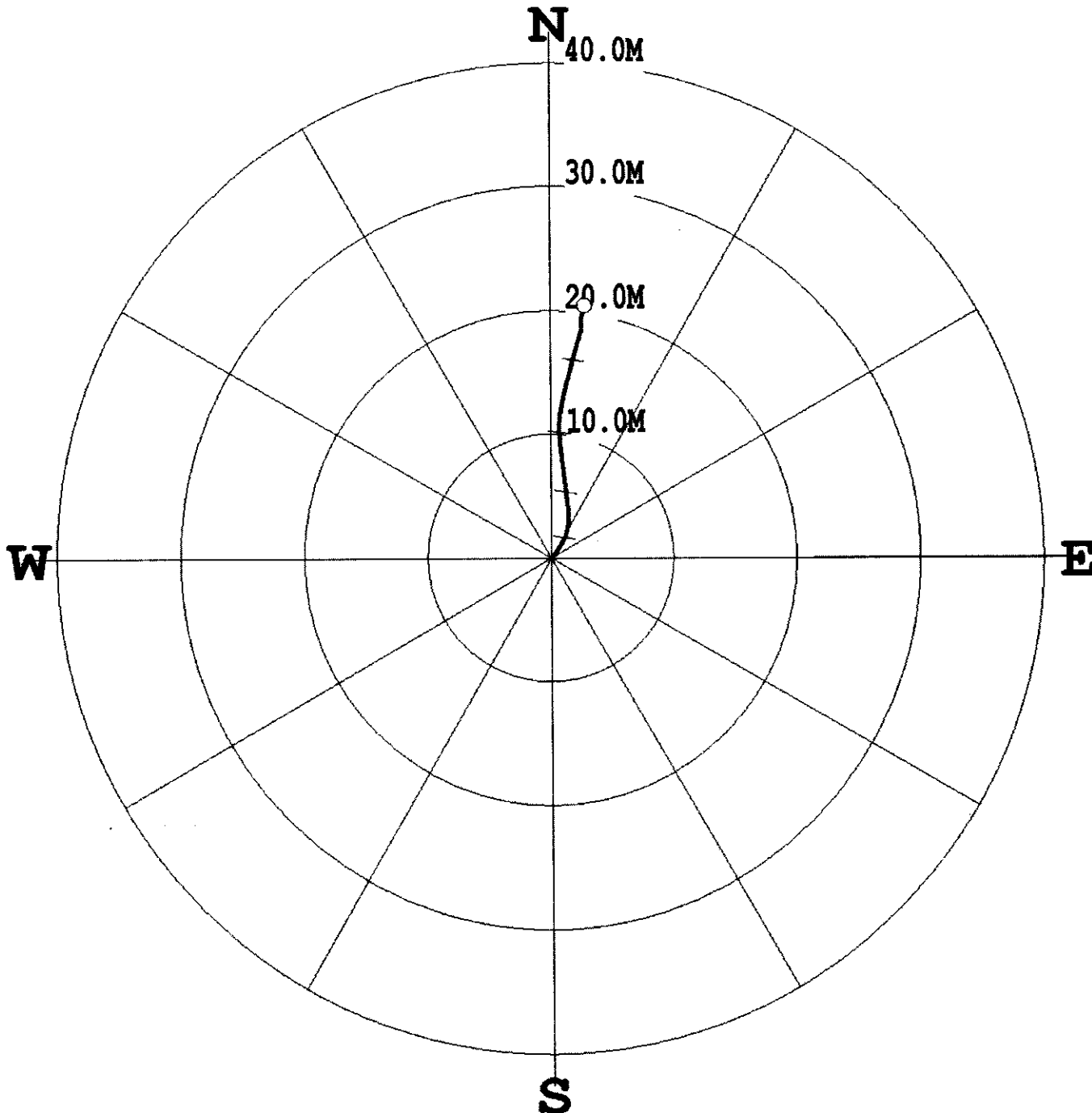
TOOL CALIBRATION 2932 07/22/07 05:52			
TOOL 9067A TM VERSION 1			
SERIAL NUMBER 530			
DATE	TIME	SENSOR	STANDARD
1	Jul20,07	GAMMA	1,000 [API-GR]
	Jul20,07	GAMMA	250,000 [API-GR]
2	Sep03,08	NEUTRON	1,000 [API-N]
	Sep03,08	NEUTRON	500,000 [API-N]
			RESPONSE
			1.00 [CPS]
			52.00 [CPS]
			1.00 [CPS]
			500.00 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2932
 DATE OF LOG: 07/22/07
 PROBE: 9057A 1067



SCALE: 5 M/CM
 TRUE DEPTH: 232.42 M
 AZIMUTH: 7.8
 DISTANCE: 20.6 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL HOLE ID. : 2932
 FIELD OFFICE : PENHOLD DATE OF LOG : 07/22/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2932_07-22-07_13-58_9057A_.02_7.04_233.69_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.00	10.00	0.04	0.03	0.0	42.8	2.2	40.1
20.00	19.99	0.37	0.32	0.5	40.3	2.6	34.5
30.00	29.98	0.75	0.58	0.9	37.9	3.0	28.8
40.00	39.97	1.17	0.84	1.4	35.7	3.0	28.1
50.00	49.95	1.64	1.10	2.0	33.7	3.3	21.3
60.00	59.94	2.18	1.28	2.5	30.4	3.3	5.4
70.00	69.91	2.82	1.39	3.1	26.2	3.8	6.1
80.00	79.89	3.55	1.41	3.8	21.7	4.5	347.2
90.00	89.85	4.38	1.33	4.6	16.9	5.0	353.3
100.00	99.81	5.29	1.22	5.4	13.0	5.7	356.5
110.00	109.76	6.28	1.11	6.4	10.0	5.7	351.3
120.00	119.71	7.24	0.99	7.3	7.8	5.4	354.6
130.00	129.67	8.20	0.88	8.2	6.1	5.4	354.4
140.00	139.62	9.14	0.77	9.2	4.8	5.4	355.6
150.00	149.57	10.11	0.70	10.1	4.0	5.9	2.6
160.00	159.51	11.20	0.72	11.2	3.7	6.5	4.4
170.00	169.44	12.35	0.89	12.4	4.1	6.9	11.0
180.00	179.37	13.51	1.15	13.6	4.9	7.2	14.6
190.00	189.30	14.67	1.46	14.7	5.7	6.8	14.4
200.00	199.22	15.91	1.78	16.0	6.4	7.9	16.0
210.00	209.12	17.26	2.16	17.4	7.1	8.3	16.3
220.00	219.02	18.62	2.51	18.8	7.7	7.8	359.4
230.00	228.93	19.90	2.66	20.1	7.6	8.2	15.1
233.52	232.42	20.36	2.80	20.6	7.8	8.2	14.0

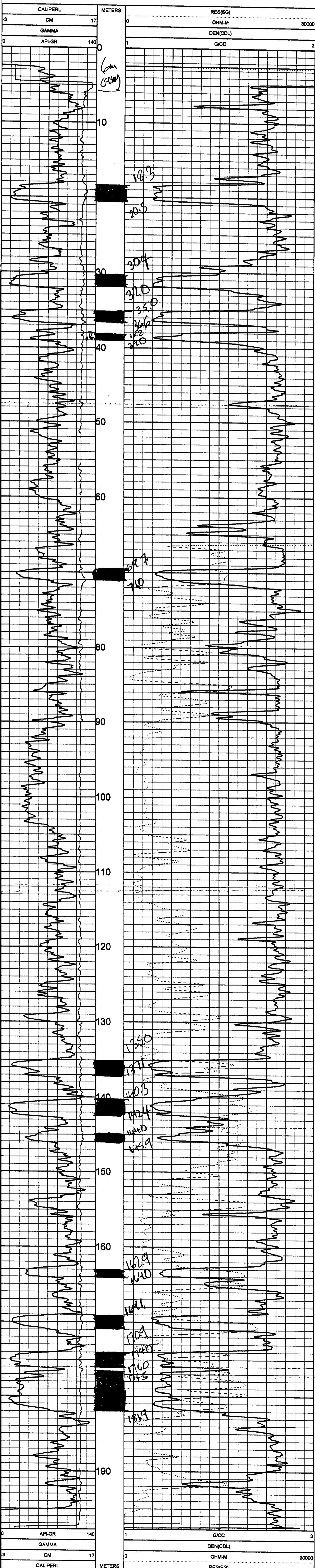
2933

COMPANY	ELK VALLEY COAL	OTHER SERVICES:
WELL	2933	9007
FIELD	FORDING RIVER OPERATIONS	9007
COUNTRY	CANADA	9007
PROVINCE	S.C.	
LOCATION	N/A	
SECTION	N/A	
TOWNSHIP	N/A	
RANGE	N/A	
LICENCE NO.	N/A	
UNIQUE WELL ID.	N/A	
PERMANENT DATUM	SL	ELEVATION TO N/A
LOG MEASURED FROM	GL	ELEVATION OF N/A
ORL MEASURED FROM	GL	ELEVATION GL N/A
DATE	07/24/07	
DEPTH DRILLER	188	
BIT SIZE	13.00	
LOG TOP	2.40	
LOG BOTTOM	187.72	
CASING LOGGER	N/A	
CASING DRILLER	3	
CASING TYPE	STEEL	
BORHOLE FLUID	WATER	
RAI TEMPERATURE	N/A	
MUD RES	N/A	
MUD WEIGHT	1.0	
WITNESSED BY	SOS DRILLING	
RECORDED BY	A. BERINGER	
REMARKS 1		
REMARKS 2		

1:200 COMPENSATED DENSITY 2933 07/24/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007 VERSION = 3.64EK



COMPANY: ELK VALLEY COAL
WELL: 2933
FIELD: FORBING RIVER OPERATIONS
COUNTRY: CANADA
PROVINCE: ALBERTA

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
LIGENCE NO.: N/A
UNIQUE WELL ID.: N/A

PERMANENT DATUM: GL
LOG MEASURED FROM: GL
DRL MEASURED FROM: GL

DATE: 07/23/07
DEPTH DRILLER: 188
BIT SIZE: 13

LOG TOP: 0.29
LOG BOTTOM: 185.74
CASING LOGGER: N/A
CASING DRILLER: 3

CASING TYPE: N/A
BORHOLE FLUID: WATER
BOREHOLE FLUID: N/A
RM TEMPERATURE: N/A
MUD RES: N/A

MUD WEIGHT: 1.0
WITNESSED BY: SSS DRILLING
RECORDED BY: B. BENNINGER
REMARKS 1:
REMARKS 2:

OTHER SERVICES:
9067
9067

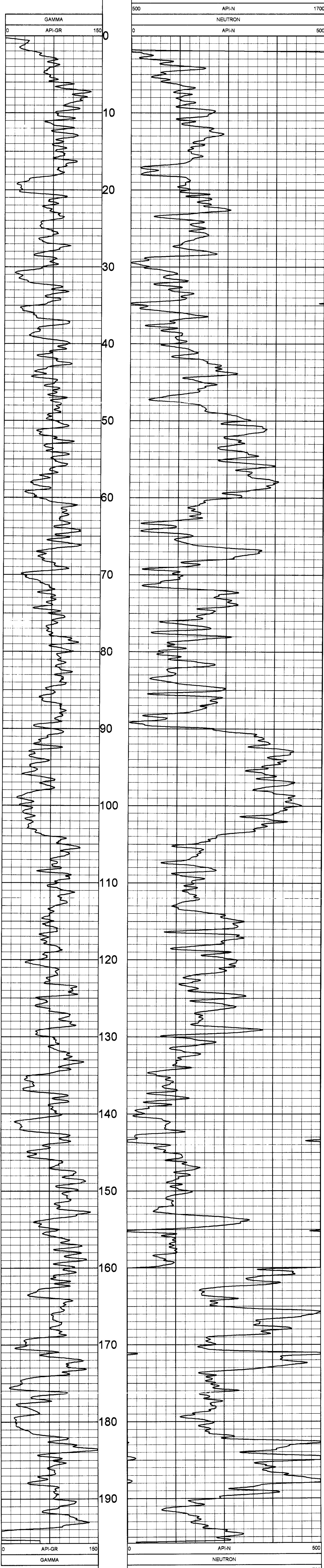
ELEVATION KB: N/A
ELEVATION DF: N/A
ELEVATION GL: N/A

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 SLIM GAMMA NEUTRON 2933 07/23/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE = 9067A.0 07/04/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2933 07/23/07

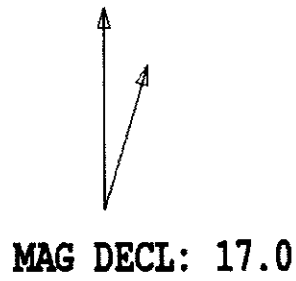
LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE = 9067A.0 07/04/2007 VERSION = 3.64EK

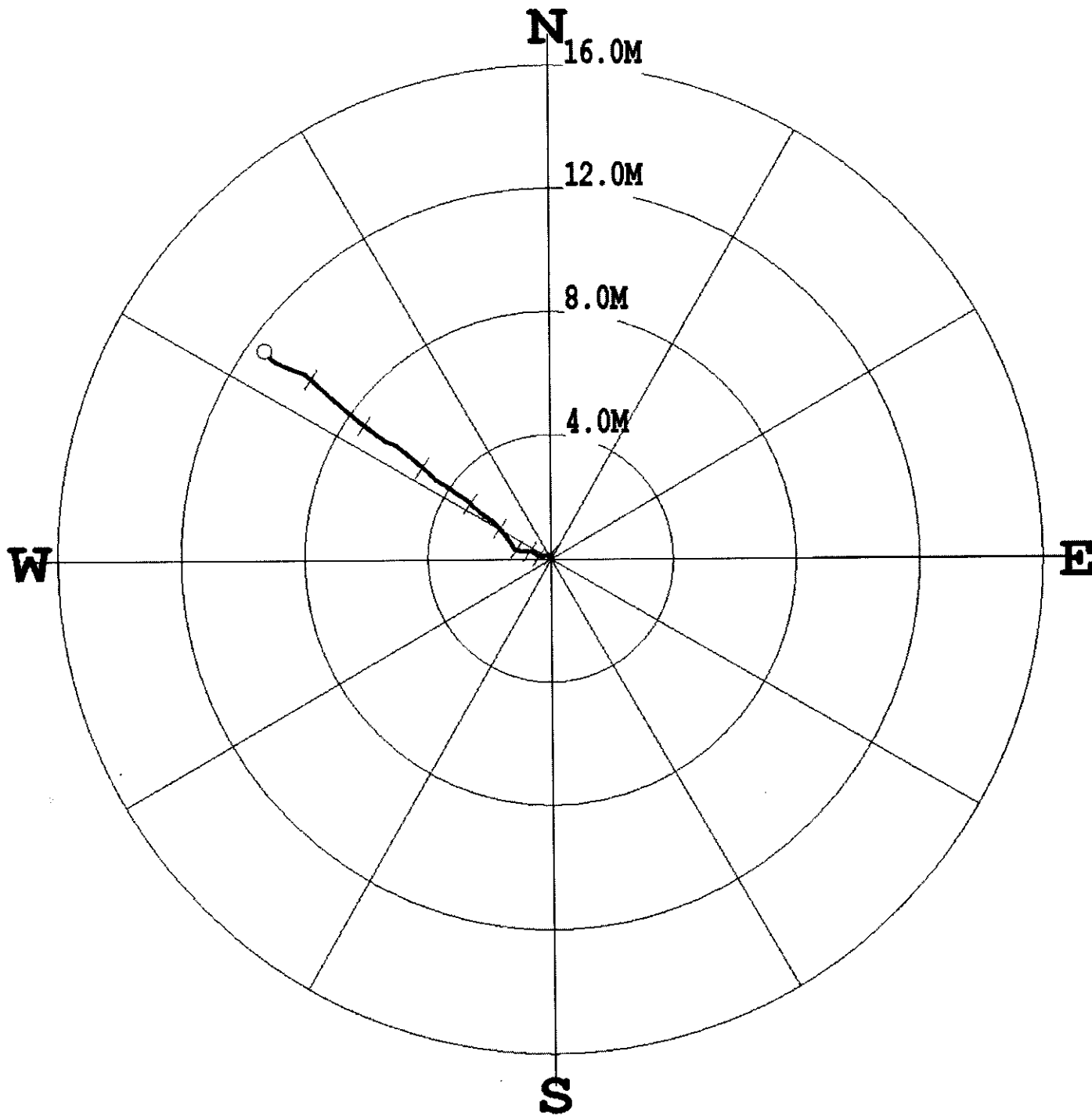
TOOL CALIBRATION 2933 07/23/07 02:45			
TOOL 9067A TM VERSION 1			
SERIAL NUMBER 530			
DATE	TIME	SENSOR	STANDARD
1	Jul20,07 01:44:30	GAMMA	1.000 [API-GR]
	Jul20,07 01:44:30	GAMMA	250.000 [API-GR]
2	Sep03,06 10:47:15	NEUTRON	1.000 [API-N]
	Sep03,06 10:47:15	NEUTRON	500.000 [API-N]
			RESPONSE
			1.00 [CPS]
			52.00 [CPS]
			1.00 [CPS]
			500.00 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2933
 DATE OF LOG: 07/24/07
 PROBE: 9057A 1067



SCALE: 2 M/CM
 TRUE DEPTH: 196.85 M
 AZIMUTH: 306.1
 DISTANCE: 11.4 M
 + = 20 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT	: ELK VALLEY COAL	HOLE ID.	: 2933
FIELD OFFICE	: PENHOLD	DATE OF LOG	: 07/24/07
DATA FROM	: N/A	PROBE	: 9057A , 1067
MAG. DECL.	: 17.000	DEPTH UNITS	: METERS
LOG: 2933_07-24-07_09-51_9057A_.02_3.48_197.55_DEVI.log			

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
5.28	5.28	-0.00	0.00	0.0	131.1	0.7	131.1
15.00	15.00	0.08	0.03	0.1	19.7	0.5	2.5
25.00	25.00	0.14	-0.08	0.2	329.7	0.9	260.1
35.00	35.00	0.09	-0.29	0.3	287.3	1.0	281.8
45.00	44.99	0.12	-0.47	0.5	284.8	0.7	307.4
55.00	54.99	0.22	-0.59	0.6	290.7	1.1	308.2
65.00	64.99	0.25	-0.79	0.8	287.6	1.0	258.8
75.00	74.99	0.27	-1.02	1.1	284.8	1.6	279.8
85.00	84.98	0.44	-1.25	1.3	289.3	2.6	327.1
95.00	94.97	0.81	-1.52	1.7	297.9	2.5	322.6
105.00	104.96	1.16	-1.82	2.2	302.5	3.0	291.3
115.00	114.94	1.54	-2.34	2.8	303.4	4.2	317.1
125.00	124.91	2.05	-2.93	3.6	304.9	5.0	304.1
135.00	134.86	2.59	-3.73	4.5	304.7	6.2	315.2
145.00	144.80	3.31	-4.56	5.6	306.0	6.4	309.0
155.00	154.73	3.94	-5.52	6.8	305.5	7.0	304.2
165.00	164.66	4.67	-6.46	8.0	305.9	6.7	308.5
175.00	174.60	5.42	-7.31	9.1	306.5	6.2	312.2
185.00	184.53	6.08	-8.19	10.2	306.6	6.1	288.8
195.00	194.48	6.54	-9.07	11.2	305.8	6.2	319.5
197.38	196.85	6.74	-9.24	11.4	306.1	6.4	320.2

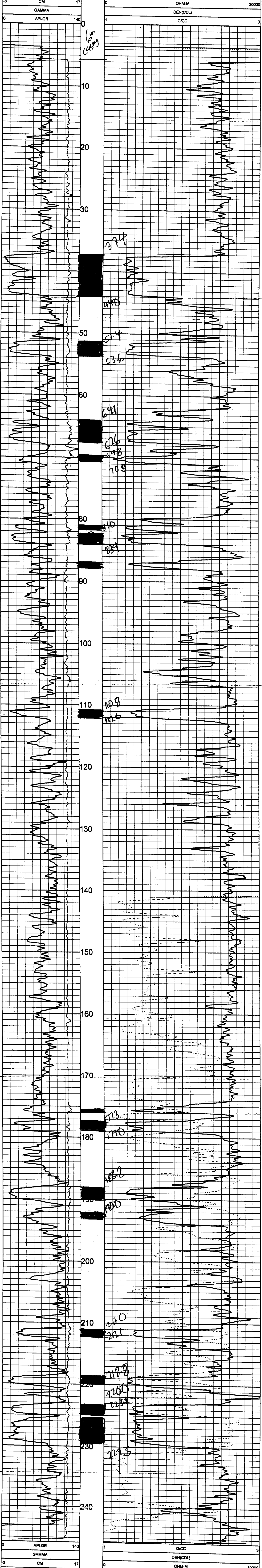
2934

COMPANY	ELIX VALLEY COAL	OTHER SERVICES	
WELL	2934	FORGING INNER OPERATIONS	2934
COUNTRY	CANADA		
PROVINCE	S.C.		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENCE NO.	N/A		
UNIQUE WELL ID.	N/A		
PERMANENT DATUM	TEL	ELEVATION IN N/A	
LOG MEASURED FROM	GL	ELEVATION OF N/A	
DATE	07/25/07		
DEPTH DRILLER	246		
BIT SIZE	13.00		
LOG TOP	3.45		
LOG BOTTOM	245.89		
CASING LOGGER	N/A		
CASING DRILLER	3		
CASING TYPE	STEEL		
BOREROLE FLUID	WATER		
RMI TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	1.0		
WITNESSED BY	SOS DRILLING		
RECORDED BY	S. BERINGER		
REMARKS 1			
REMARKS 2			

1:200 COMPENSATED DENSITY 2934 07/25/07

LOG PARAMETERS

MATRIX DENSITY : 2.85	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL : 17	ELECT. CUTOFF : 99999	BIT SIZE : 13.00
PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007		VERSION = 3.64EK



1:200 COMPENSATED DENSITY 2934 07/25/07

LOG PARAMETERS

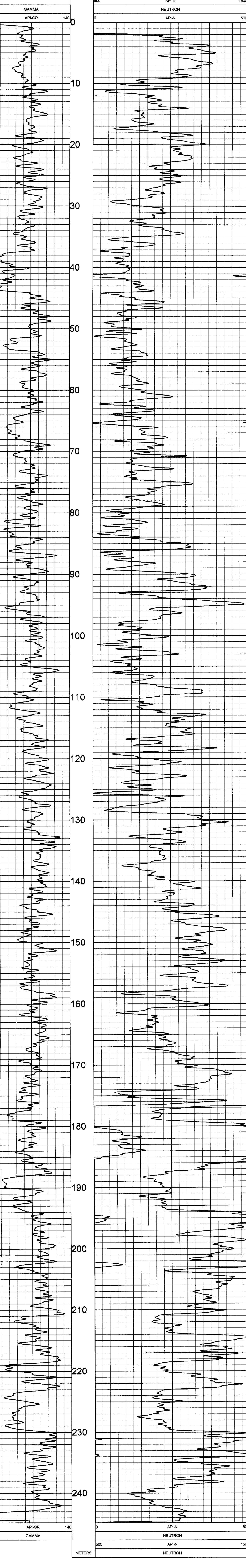
MATRIX DENSITY : 2.85	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL : 17	ELECT. CUTOFF : 99999	BIT SIZE : 13.00
PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007		VERSION = 3.64EK

Century WIRELINE SERVICES		SLIM GAMMA-NEUTRON	
2934		OTHER SERVICES:	
COMPANY	ELK VALLEY COAL	WELL	2934
FIELD	FORONG RIVER OPERATIONS	COUNTRY	CANADA
PROVINCE	B.C.	LOG MEASURED FROM	GL
LOCATION	N/A	ELEVATION KB N/A	
SECTION	N/A	ELEVATION DF N/A	
TOWNSHIP	N/A	ELEVATION QL N/A	
RANGE	N/A		
LICENCE NO.	N/A		
UNIQUE WELL ID	N/A		
PERMANENT DATUM	GL		
LOG MEASURED FROM	GL		
DIRL MEASURED FROM	GL		
DATE	07/25/07		
DEPTH DRILLER	246		
BIT SIZE	13		
LOG TOP	0.35		
LOG BOTTOM	244.75		
CASING LOGGER	N/A		
CASING DRILLER	3		
CASING TYPE	STEEL		
BOREHOLE FLUID	WATER		
RM TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	1.0		
WRITTEN BY	SPS DRILLING		
RECORDED BY	B. BEHINGER		
REMARKS 1			
REMARKS 2			

1:200 SLIM GAMMA NEUTRON 2934 07/25/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13
PRESENTATION NAME/DATE = 9067A.0 07/04/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2934 07/25/07

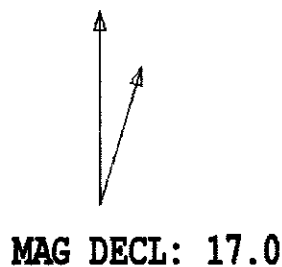
LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13
PRESENTATION NAME/DATE = 9067A.0 07/04/2007 VERSION = 3.64EK

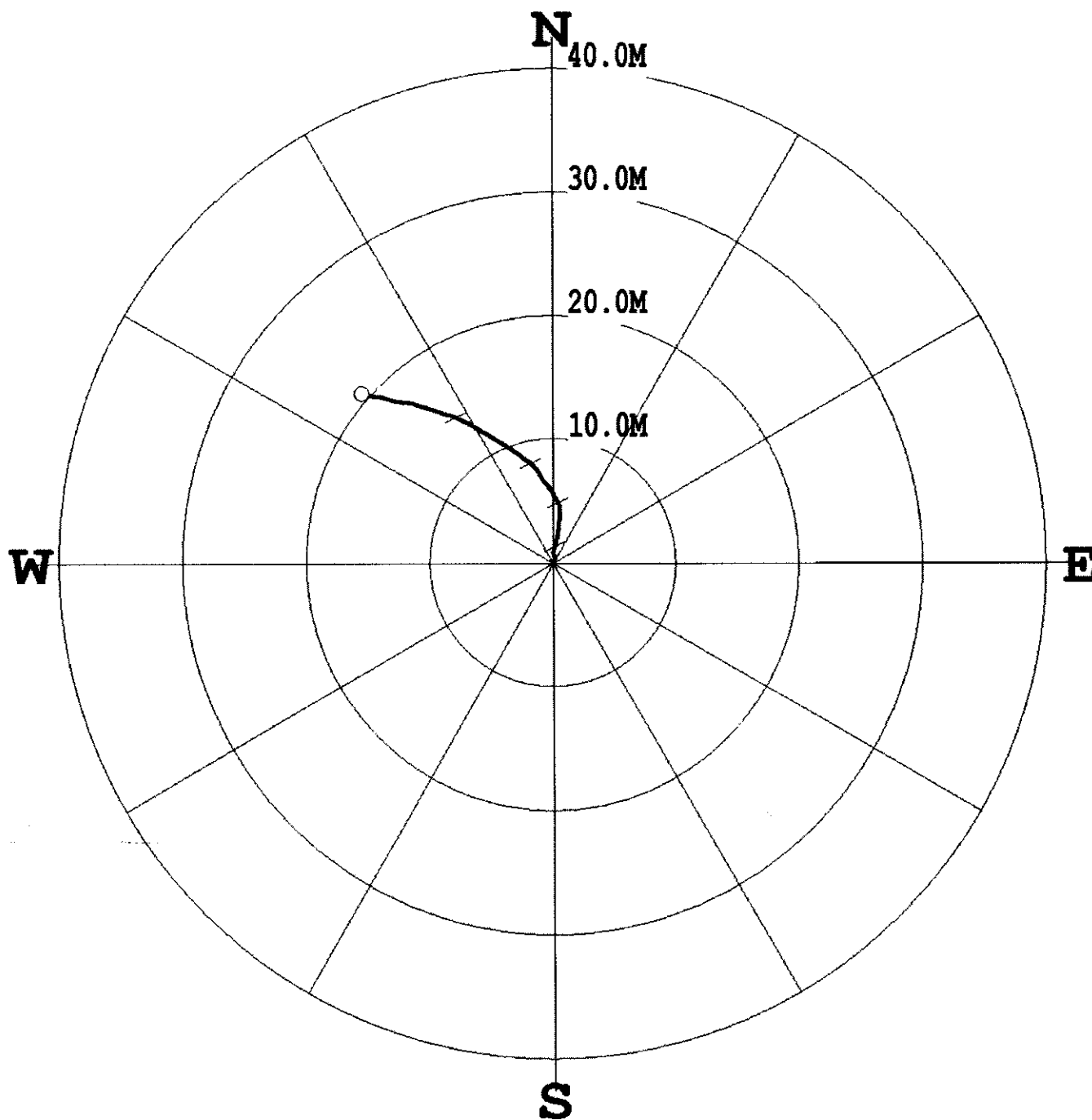
TOOL CALIBRATION 2934 07/25/07 02:15			
TOOL 9067A TM VERSION 1			
SERIAL NUMBER 530			
DATE	TIME	SENSOR	STANDARD
1	Jul20.07 01:44:30	GAMMA	1.000 [API-GR]
	Jul20.07 01:44:30	GAMMA	250.000 [API-GR]
2	Sep03.06 10:47:15	NEUTRON	1.000 [API-N]
	Sep03.06 10:47:15	NEUTRON	500.000 [API-N]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2934
 DATE OF LOG: 07/25/07
 PROBE: 9057A 1067



SCALE: 5 M/CM
 TRUE DEPTH: 243.47 M
 AZIMUTH: 311.4
 DISTANCE: 20.6 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL HOLE ID. : 2934
 FIELD OFFICE : PENHOLD DATE OF LOG : 07/25/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2934_07-25-07_18-36_9057A_02_2.59_245.19_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.00	9.99	0.04	-0.00	0.0	358.1	0.9	8.8
20.00	19.99	0.24	0.09	0.3	19.3	1.8	25.5
30.00	29.98	0.60	0.09	0.6	8.3	2.3	317.9
40.00	39.98	0.90	-0.00	0.9	359.8	1.8	345.3
50.00	49.96	1.34	0.13	1.4	5.7	3.6	14.3
60.00	59.94	1.93	0.29	2.0	8.7	3.4	17.0
70.00	69.92	2.56	0.42	2.6	9.2	3.7	16.8
80.00	79.90	3.30	0.50	3.3	8.6	4.3	355.7
90.00	89.86	4.11	0.56	4.1	7.7	4.4	352.0
100.00	99.83	4.85	0.42	4.9	5.0	4.0	331.5
110.00	109.81	5.46	0.07	5.5	0.7	3.4	328.1
120.00	119.78	6.04	-0.28	6.0	357.3	3.7	322.8
130.00	129.76	6.55	-0.73	6.6	353.6	4.0	318.5
140.00	139.73	7.24	-1.13	7.3	351.2	5.1	331.5
150.00	149.68	7.98	-1.79	8.2	347.4	6.3	312.8
160.00	159.62	8.64	-2.65	9.0	343.0	6.8	311.3
170.00	169.52	9.41	-3.82	10.2	337.9	8.4	303.0
180.00	179.41	10.18	-5.07	11.4	333.5	8.6	301.2
190.00	189.30	10.93	-6.36	12.6	329.8	8.8	299.9
200.00	199.17	11.64	-7.75	14.0	326.4	9.7	294.5
210.00	209.02	12.20	-9.41	15.4	322.4	10.7	287.9
220.00	218.83	12.78	-11.21	17.0	318.8	10.7	289.4
230.00	228.69	13.04	-12.87	18.3	315.4	10.3	285.4
240.00	238.52	13.44	-14.61	19.8	312.6	9.8	275.1
245.02	243.47	13.60	-15.45	20.6	311.4	10.9	288.7

COMPANY	ELK VALLEY COAL	OTHER SERVICES:
WELL	2936	8228
FIELD	FORDING RIVER OPERATIONS	9827
COUNTY	CANADA	
PROVINCE	ALBERTA	
LOCATION		
SECTION		
TOWNSHIP		
RANGE		
LICENSE NO.		
UNIQUE WELL ID.		

2936

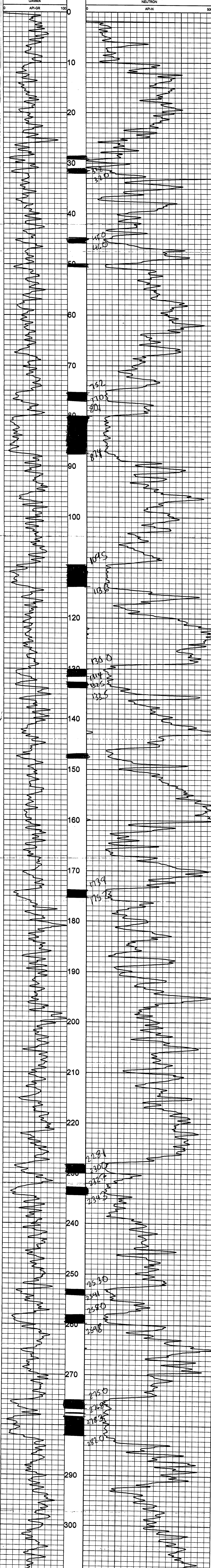
PERMANENT DATUM	SL	ELEVATION TO N/A
LOG MEASURED FROM	SL	ELEVATION OF N/A
DLL MEASURED FROM	SL	ELEVATION OF N/A
DATE	07/19/07	
DEPTH DRILLER	312	
BIT SIZE	13	1:20S
LOG TOP	327	
LOG BOTTOM	310.98	
CASING LOGGER	N/A	
CASING DRILLER	N/A	
CASING TYPE	N/A	
BOREHOLE FLUID	WATER	
BM TEMPERATURE	N/A	
MUD RES	N/A	
MUD WEIGHT	1.0	
WITNESSED BY	N/A	
RECORDED BY	S. BERINGER	
REMARKS 1	POOR BOREHOLE CONDITIONS, BRIDGED 40M	
REMARKS 2	NO DENSITY RUN, DEVIATION TO 40 M	

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 SLIM GAMMA NEUTRON 2936 07/19/07

LOG PARAMETERS

MATRIX DENSITY: 2.85 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
 MAGNETIC DECL: 17 ELECT. CUTOFF: 99999 BIT SIZE: 13
 PRESENTATION NAME/DATE = 9087A.0 07/04/2007 VERSION = 3.64EK

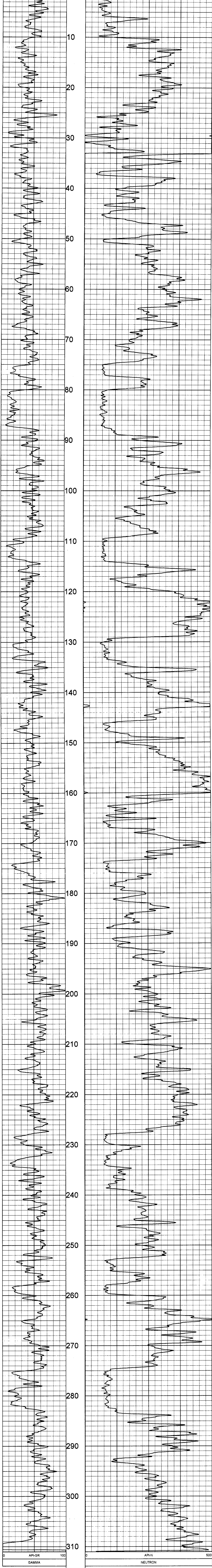


COMPANY	ELK VALLEY COAL	OTHER SERVICES	
WELL	2936	9239	
FIELD	FORBING RIVER OPERATIONS	9657	
COUNTRY	CANADA		
PROVINCE	ALBERTA		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENSE NO.	N/A		
UNIQUE WELL ID.	N/A		
PERMANENT DTDUM	GL	ELEVATION RB N/A	
LOG MEASURED FROM GL		ELEVATION DE N/A	
DBI MEASURED FROM GL		ELEVATION SL N/A	
DATE	07/19/07		
DEPTH DRILLER	312		
BIT SIZE	13		1:200
LOGS TOP	0.27		
LOGS BOTTOM	310.88		
CASING LOGGER	N/A		
CASING DRILLER	12		
CASING TYPE	N/A		
BORINGHOLE FLUID	WATER		
RM TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	1.0		
UNDESSED BY	N/A		
RECORDED BY	S. BEJNBERG		
REMARKS 1	POOH BORINGHOLE CONDITIONS BRIDGES 40M		
REMARKS 2	NO DENSITY RUN, DEVIATION TO 40M		

1:200 SLIM GAMMA NEUTRON 2936 07/19/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9067A.0 07/04/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2936 07/19/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9067A.0 07/04/2007 VERSION = 3.64EK

DATE	TIME	SENSOR	STANDARD	RESPONSE
1	May17,07 10:59:51	GAMMA	1.000 [API-GR]	1.00 [CPS]
	May17,07 10:59:51	GAMMA	250.000 [API-GR]	70.00 [CPS]
2	Sep03,06 10:47:15	NEUTRON	1.000 [API-N]	1.00 [CPS]

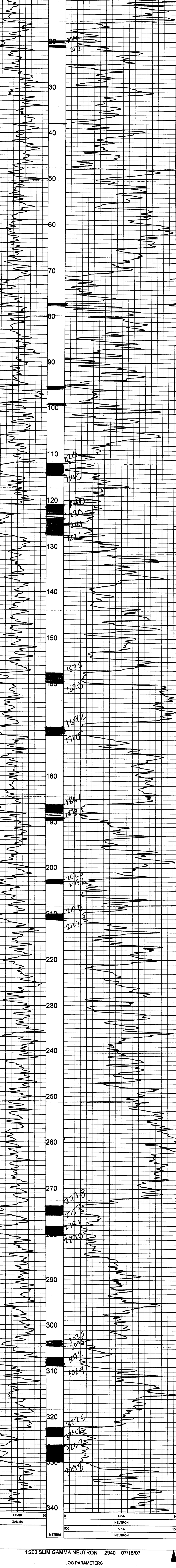
2940
OTHER SERVICES

COMPANY	ELK VALLEY COAL
WELL	2940
FIELD	FORDING RIVER OPERATIONS
COUNTRY	CANADA
PROVINCE	ALBERTA
LOCATION	N/A
SECTION	N/A
TOWNSHIP	N/A
RANGE	N/A
LICENCE NO.	N/A
UNIQUE WELL ID.	N/A
PERMANENT DATA	SL
LOG MEASURED FROM SL	ELEVATION DR. N/A
DATE	07/16/07
DEPTH DRILLER	342
BIT SIZE	13
LOG TOP	-0.30
LOG BOTTOM	340.80
CASING LOGGER	N/A
CASING DRILLER	3
CHANGING TYPE	N/A
BORHOLE FLUID	WATER
FM TEMPERATURE	N/A
MUD RES	N/A
MUD WEIGHT	1.0
WITNESSED BY	N/A
RECORDED BY	B. BEMINDER
REMARKS 1	
REMARKS 2	

1:200 SLIM GAMMA NEUTRON 2940 07/16/07

LOG PARAMETERS

MATRIX DENSITY : 2.85	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL : 0	ELECT. CUTOFF : 99999	BIT SIZE : 13
PRESENTATION NAME/DATE = 9087A.0 07/04/2007		VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2940 07/16/07

LOG PARAMETERS

MATRIX DENSITY : 2.85	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL : 0	ELECT. CUTOFF : 99999	BIT SIZE : 13
PRESENTATION NAME/DATE = 9087A.0 07/04/2007		VERSION = 3.64EK

TOOL CALIBRATION 2940 07/16/07 00:01			
TOOL 9087A TM VERSION 1		SERIAL NUMBER 530	
DATE	TIME	SENSOR	STANDARD
1 Jul16,07	13:22:13	GAMMA	1.000 [API-GR]
1 Jul16,07	13:22:13	GAMMA	250.000 [API-GR]
2 Sep03,06	10:47:15	NEUTRON	1.000 [API-N]
2 Sep03,06	10:47:15	NEUTRON	500.000 [API-N]

RESPONSE	0.00	[CPS]
RESPONSE	70.00	[CPS]
RESPONSE	1.00	[CPS]
RESPONSE	500.00	[CPS]

COMPANY: ELK VALLEY COAL
WELL: 2940
FIELD: FORDING RIVER OPERATIONS
COUNTRY: CANADA
PROVINCE: ALBERTA
OTHER SERVICES: 9229 4057

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
LICENSE NO: N/A
UNIQUE WELL ID: N/A

PERMANENT DATUM: SL
LOG MEASURED FROM: SL
DATE: 07/16/07
DEPTH DRILLER: SKZ
BIT SIZE: 13

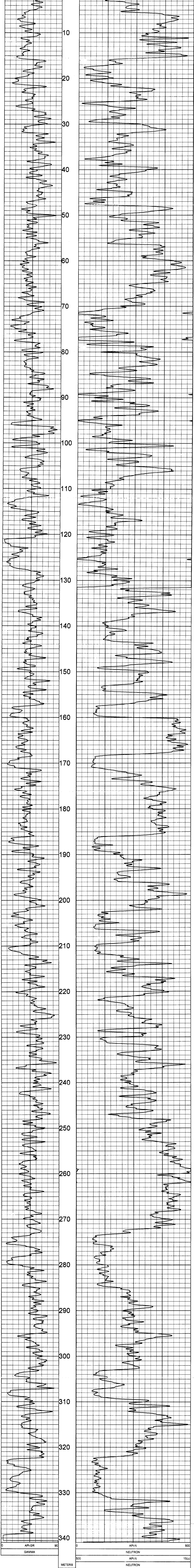
LOG TOP: -0.30
LOG BOTTOM: 340.88
CASING LOGGER: N/A
CASING DRILLER: 3
CASING TYPE: N/A
BOHROLE FLUID: WATER
NM TEMPERATURE: N/A
MUD RES: N/A
MUD WEIGHT: 1.0
WITNESSED BY: N/A
RECORDED BY: B. BENINGER
REMARKS 1:
REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 SLIM GAMMA NEUTRON 2940 07/16/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 0 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE: 9087A.0 07/04/2007 VERSION: 3.64EK



1:200 SLIM GAMMA NEUTRON 2940 07/16/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 0 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE: 9087A.0 07/04/2007 VERSION: 3.64EK

DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Jul16.07 13:22:13	GAMMA	1.000 [API-GR]	0.00 [CPS]
2	Jul16.07 13:22:13	GAMMA	250.000 [API-GR]	70.00 [CPS]
	Sep03.06 10:47:15	NEUTRON	1.000 [API-N]	1.00 [CPS]
	Sep03.06 10:47:15	NEUTRON	500.000 [API-N]	500.00 [CPS]

OTHER SERVICES

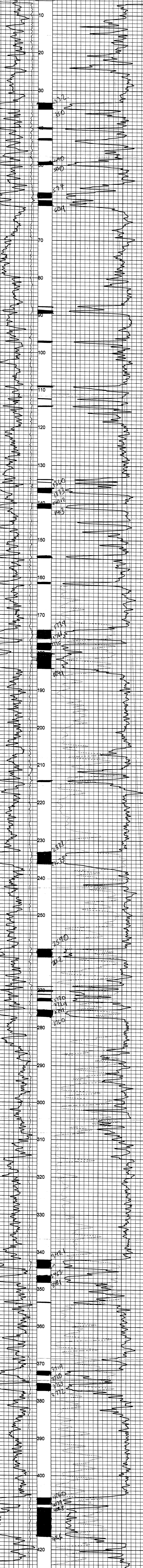
2943

COMPANY: ELK VALLEY COAL
 FIELD: 2943
 WELL: FORDING RIVER OPERATING
 COUNTY: CANADA
 PROVINCE: ALBERTA
 SECTION: N/A
 TOWNSHIP: N/A
 RANGE: N/A
 MERIDIAN: N/A
 CORNER NO.: N/A
 CHECK NO.: N/A
 WIRELINE NO.: N/A
 ELEVATION TO SURFACE: 501
 ELEVATION OF H/A: N/A
 ELEVATION OF W/A: N/A
 RI MEASURED FROM SURFACE: N/A
 RI MEASURED FROM H/A: N/A
 RI MEASURED FROM W/A: N/A
 DATE: 07/21/07
 TIME: 13:00
 F-SIZE: 4.50
 G-TOP: 4.31
 G-BOTTOM: 4.2378
 SING LOGGER: N/A
 SING DRILLER: S
 SING TYPE: N/A
 SING FLUID: WATER
 TEMPERATURE: N/A
 LOG RES: N/A
 LOG WEIGHT: 1.0
 LOG INVERSE BY: S. BERNIER
 MARKS: 1
 MARKS: 2
 MARKS: 3

1:200 COMPENSATED DENSITY 2943 07/21/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
 MAGNETIC DECL: 17 ELECT. CUTOFF: 99998 BIT SIZE: 13.00
 PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007 VERSION = 3.04EK



API-GR 140
 GAMMA
 CM 17
 METERS

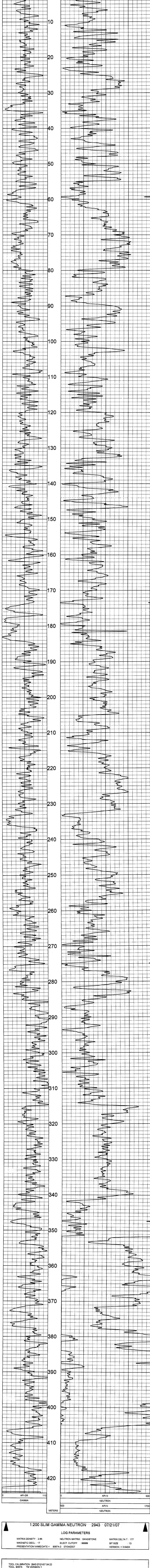
RES(SG)
 OHM-M 30000
 DEN(CDL)
 GICC 3

COMPANY	ELI WALTERSON	OTHER SERVICES
WELL	2943	9027
FIELD	FOOTING MOUNT OPERATIONS	9228
FORMATION	ALBERTA	
PROVINCE	ALBERTA	
SECTION	N/A	
LOCATION	N/A	
TOWNSHIP	N/A	
RANGE	N/A	
CLINCH NO.	N/A	
UNIQUE WELL ID	N/A	
PERMANENT TWTUM		ELEVATION RB N/A
LOG MEASUREMENT FROM OL		ELEVATION OF N/A
DATE	07/21/07	
DEPTH ORIFER	438	
BIT SIZE	13	
LOG TOP	0.40	
LOG BOTTOM	424.13	
CASING ORIFER	N/A	
CASING LOGGER	N/A	
SOBING TYPE	5	WATER
SOBING FLUID	N/A	
SOBING TEMPERATURE	N/A	
SOBING PRESSURE	N/A	
SOBING MISC	N/A	
SOBING MISC BY	N/A	
SOBING MISC BY	N/A	
REMARKS 1		
REMARKS 2		

1:200 SLIM GAMMA NEUTRON 2943 07/21/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9067A.D 07/04/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2943 07/21/07

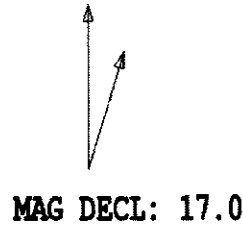
LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9067A.D 07/04/2007 VERSION = 3.64EK

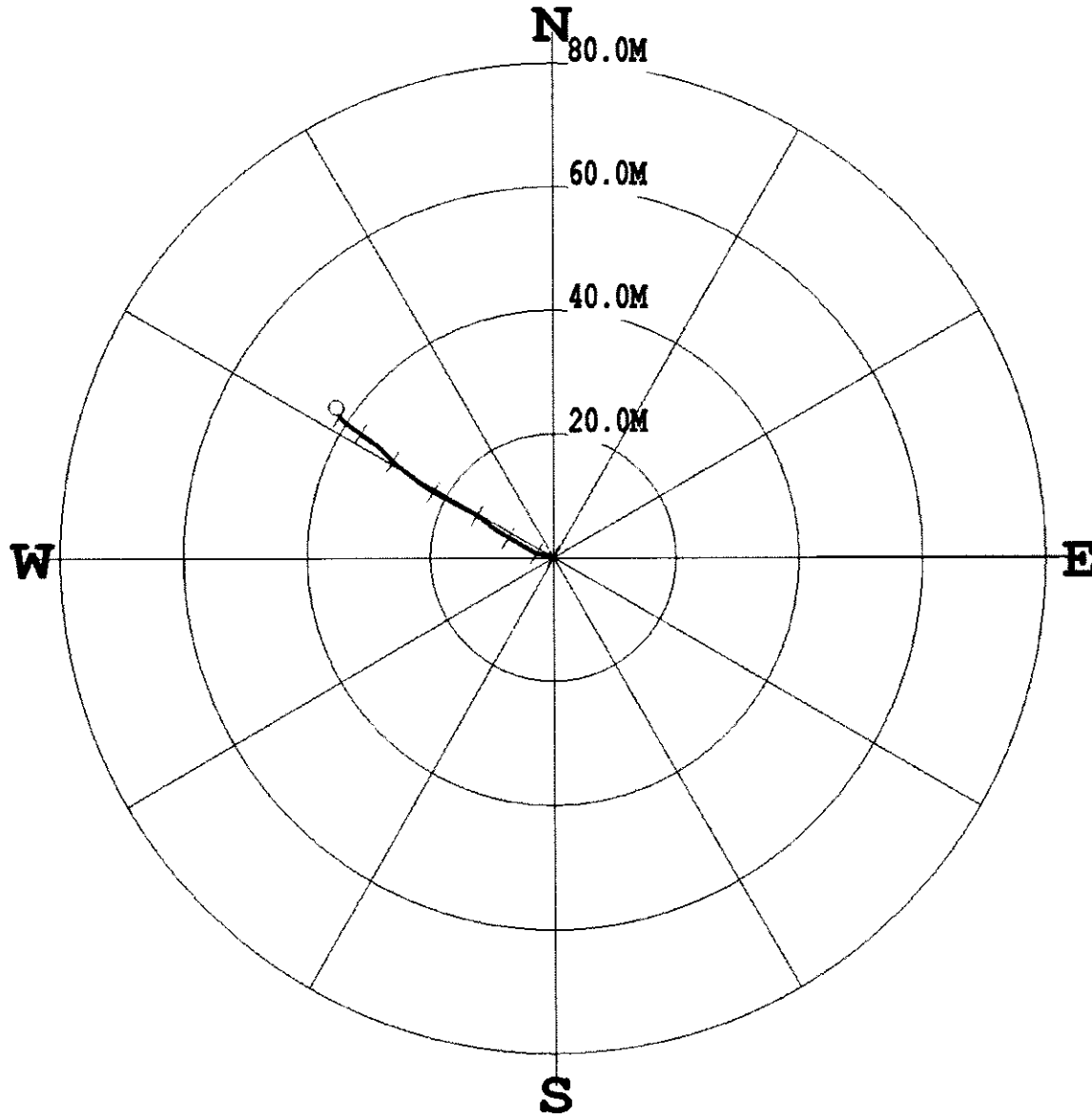
DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Jul20.07 01:44:30	GAMMA	1 000 [API-GR]	1.00 [CPS]
	Jul20.07 01:44:30	GAMMA	250 000 [API-GR]	52.00 [CPS]
2	Sep03.06 10:47:15	NEUTRON	1 000 [API-N]	1.00 [CPS]
	Sep03.06 10:47:15	NEUTRON	500 000 [API-N]	500.00 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2943
 DATE OF LOG: 07/21/07
 PROBE: 9057A 1067



SCALE: 10 M/CM
 TRUE DEPTH: 422.58 M
 AZIMUTH: 304.6
 DISTANCE: 42.7 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL HOLE ID. : 2943
 FIELD OFFICE : PENHOLD DATE OF LOG : 07/21/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2943_07-21-07_17-33_9057A_02_10.61_425.58_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
12.28	12.27	-0.00	0.00	0.0	124.5	0.7	124.5
20.00	19.99	-0.03	0.10	0.1	107.0	1.0	91.6
30.00	29.99	0.05	0.25	0.3	79.6	1.0	31.7
40.00	39.99	0.19	0.23	0.3	51.1	1.0	310.8
50.00	49.98	0.27	-0.06	0.3	348.3	2.0	285.3
60.00	59.97	0.35	-0.53	0.6	303.3	3.0	279.8
70.00	69.95	0.42	-1.08	1.2	291.0	3.5	267.5
80.00	79.94	0.47	-1.64	1.7	285.9	3.2	277.2
90.00	89.92	0.52	-2.20	2.3	283.4	3.0	275.0
100.00	99.90	0.64	-2.80	2.9	282.9	4.5	302.5
110.00	109.86	1.12	-3.58	3.8	287.3	5.6	299.6
120.00	119.81	1.64	-4.47	4.8	290.1	5.9	304.3
130.00	129.75	2.16	-5.38	5.8	291.9	5.9	300.7
140.00	139.69	2.69	-6.31	6.9	293.1	6.2	297.5
150.00	149.63	3.25	-7.27	8.0	294.1	6.6	299.4
160.00	159.56	3.83	-8.27	9.1	294.9	6.8	300.2
170.00	169.48	4.49	-9.33	10.4	295.7	7.5	305.5
180.00	179.41	5.25	-10.32	11.6	297.0	7.1	308.9
190.00	189.33	6.01	-11.29	12.8	298.0	7.2	305.9
200.00	199.24	6.79	-12.33	14.1	298.8	7.3	304.2
210.00	209.16	7.47	-13.44	15.4	299.1	8.0	271.0
220.00	219.05	8.15	-14.74	16.8	298.9	9.7	298.0
230.00	228.90	8.94	-16.24	18.5	298.8	9.8	297.8
240.00	238.75	9.73	-17.78	20.3	298.7	9.8	297.8
250.00	248.60	10.57	-19.27	22.0	298.7	10.0	301.1
260.00	258.46	11.48	-20.69	23.7	299.0	9.6	302.3
270.00	268.32	12.46	-22.03	25.3	299.5	9.4	307.6
280.00	278.19	13.44	-23.31	26.9	300.0	9.3	306.3
290.00	288.06	14.41	-24.60	28.5	300.4	9.1	307.3
300.00	297.93	15.41	-25.81	30.1	300.8	8.6	310.5
310.00	307.82	16.45	-26.87	31.5	301.5	8.6	317.3
320.00	317.71	17.56	-27.85	32.9	302.2	8.8	319.7
330.00	327.61	18.44	-28.97	34.3	302.5	8.0	304.8
340.00	337.52	19.19	-30.04	35.6	302.6	7.4	305.8
350.00	347.45	19.88	-31.03	36.9	302.7	6.6	307.5
360.00	357.39	20.55	-31.92	38.0	302.8	5.9	301.6
370.00	367.33	21.14	-32.76	39.0	302.8	5.3	307.0
380.00	377.29	21.69	-33.46	39.9	302.9	5.0	303.1
390.00	387.26	22.21	-34.06	40.7	303.1	4.4	307.0
400.00	397.24	22.66	-34.56	41.3	303.3	3.8	335.3
410.00	407.21	23.33	-34.82	41.9	303.8	4.1	344.4
420.00	417.19	23.94	-34.99	42.4	304.4	3.6	350.9
425.40	422.58	24.21	-35.15	42.7	304.6	2.9	315.8

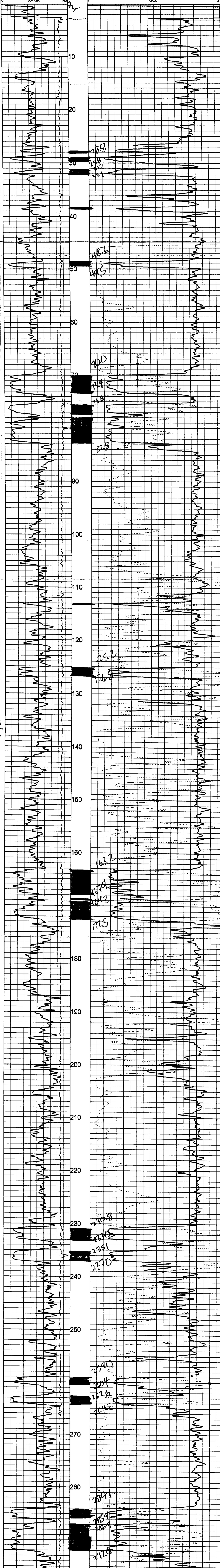
2947

COMPANY	EX VALLEY COAL	OTHER SERVICES
WELL	2947	
FIELD	FORDING RIVER OPERATIONS	
COUNTRY	CANADA	
PROVINCE	ALBERTA	
LOCATION	N/A	
SECTION	N/A	
TOWNSHIP	N/A	
RANGE	N/A	
URGENCY NO.	N/A	
UNIQUE WELL ID	N/A	
PERMIT/REG. STATE	AL	ELEVATION RB MIN
LOG MEASURED FROM SL		ELEVATION OF MIN
DATE	07/07/07	
DEPTH DRILLER	300	
BIT SIZE	13.00	
LOG TOP	2.30	
LOG BOTTOM	299.90	
CASING LOGGER	N/A	
CASING DRILLER	3	
CASING TYPE	N/A	
BORHOLE FLUID	WATER	
RTM TEMPERATURE	N/A	
MUD RES	N/A	
MUD WEIGHT	1.10	
WITNESSED BY	A. BERINGER	
RECORDED BY		
REMARKS 1		
REMARKS 2		

1:200 COMPENSATED DENSITY 2947 07/07/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 0 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/02/2007 VERSION = 3.64EK

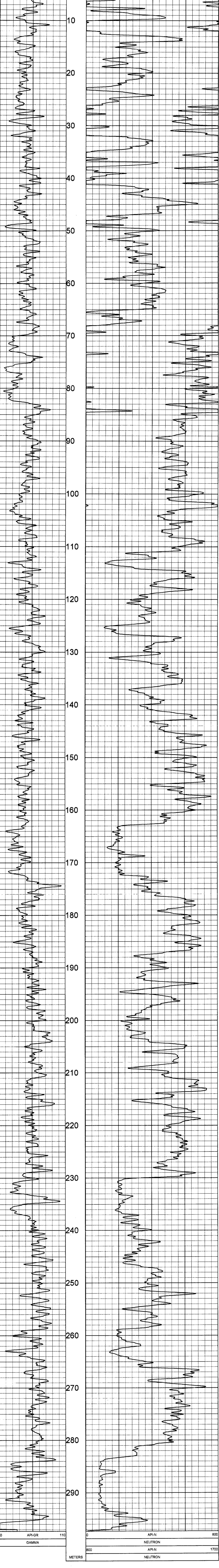


COMPANY	ELK VALLEY COAL	OTHER SERVICES	9657 9239
WELL	2947		
FIELD	FORDING RIVER OPERATIONS		
COUNTRY	CANADA		
PROVINCE	ALBERTA		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENCE NO.	N/A		
UNIQUE WELL ID	N/A		
PERMANENT DATA	SL	ELEVATION KG N/A	
LOG MEASURED FROM	SL	ELEVATION DR N/A	
DATE	3/20/07	ELEVATION GL N/A	
DEPTH DRILLER	300		
BIT SIZE	13		
LOG TOP	9.31		
LOG BOTTOM	297.25		
CASING LOGGER	N/A		
CASING DRILLER	3		
CASING TYPE	N/A		
BORINGHOLE FLUID	WATER		
RT TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	1.0		
INTERPRETED BY	N/A		
RECORDED BY	B. BRUNGER		
REMARKS 1			
REMARKS 2			

1:200 SLIM GAMMA NEUTRON 2947 07/06/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9087A.0 07/04/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2947 07/06/07

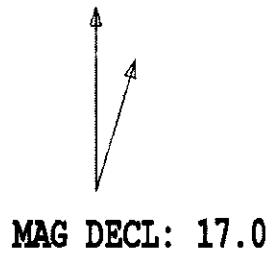
LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9087A.0 07/04/2007 VERSION = 3.64EK

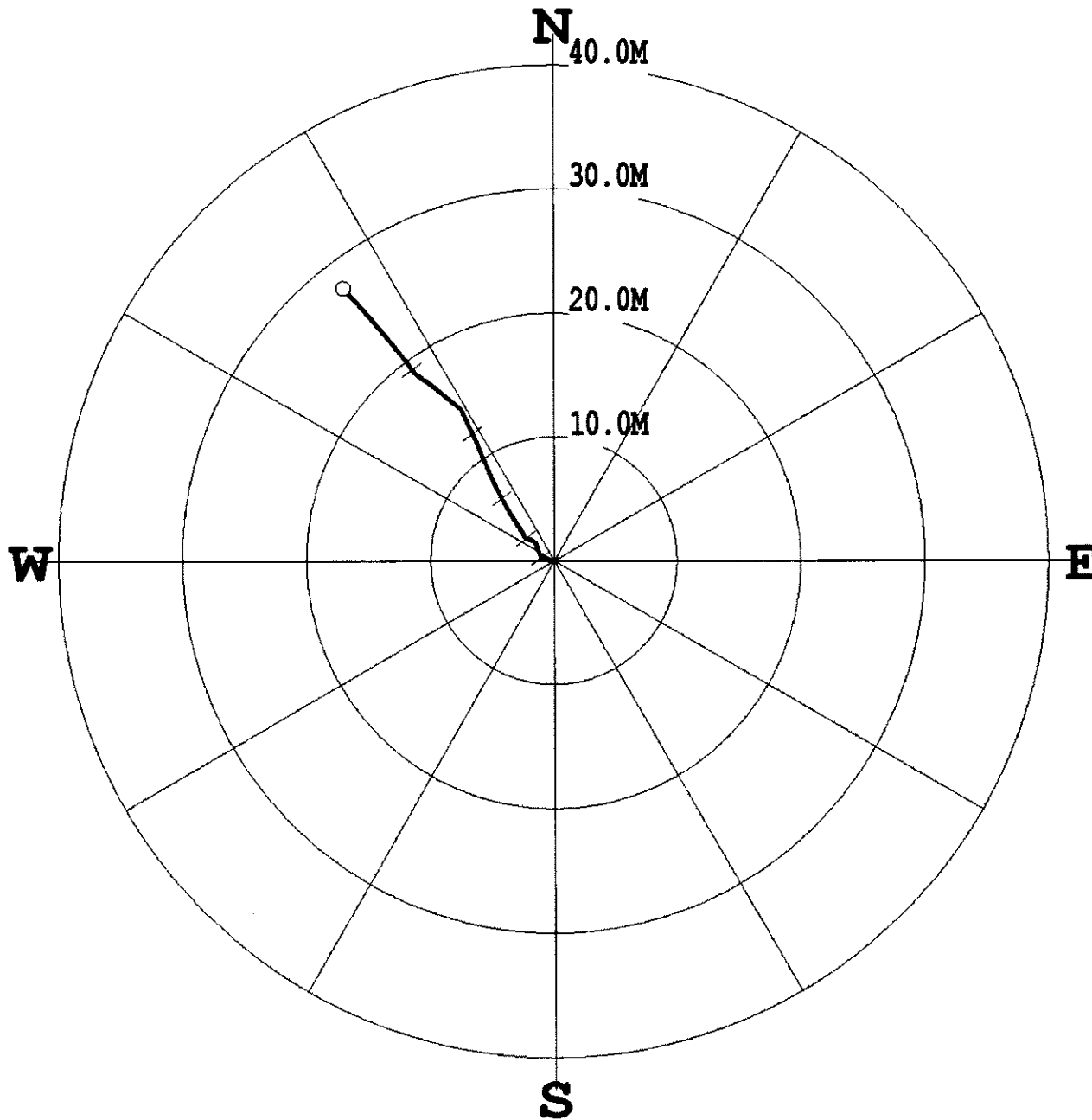
TOOL CALIBRATION 2947 07/06/07 15:10		SENSOR		STANDARD		RESPONSE	
DATE	TIME	GAMMA	1000	[API-GR]		1.00	[CPS]
May17,07	10:59:51	GAMMA	250.000	[API-GR]		70.00	[CPS]
Sep03,06	10:47:15	NEUTRON	1000	[API-N]		1.00	[CPS]
Sep03,06	10:47:15	NEUTRON	500.000	[API-N]		500.00	[CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2947
 DATE OF LOG: 07/31/07
 PROBE: 9057A 1067



SCALE: 5 M/CM
 TRUE DEPTH: 297.57 M
 AZIMUTH: 322.3
 DISTANCE: 27.7 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL COR HOLE ID. : 2947
 FIELD OFFICE : PENHOLD DATE OF LOG : 07/31/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2947_07-31-07_14-31_9057A_.02_2.96_299.57_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
5.00	5.00	-0.00	-0.00	0.0	264.3	0.9	263.5
15.00	15.00	0.02	-0.20	0.2	274.5	1.1	268.9
25.00	25.00	0.03	-0.43	0.4	273.4	1.7	291.4
35.00	34.99	0.16	-0.71	0.7	282.8	1.8	286.2
45.00	44.99	0.19	-0.98	1.0	281.1	1.2	285.4
55.00	54.98	0.44	-1.12	1.2	291.5	2.4	339.1
65.00	64.97	0.87	-1.30	1.6	303.8	2.8	337.8
75.00	74.96	1.29	-1.46	2.0	311.5	2.9	340.6
85.00	84.95	1.60	-1.72	2.3	312.9	1.9	300.1
95.00	94.94	1.73	-2.08	2.7	309.9	2.5	294.8
105.00	104.93	1.96	-2.42	3.1	309.1	3.4	334.1
115.00	114.91	2.54	-2.74	3.7	312.9	4.1	327.8
125.00	124.88	3.15	-3.13	4.4	315.2	4.6	331.9
135.00	134.85	3.82	-3.55	5.2	317.1	4.5	330.8
145.00	144.81	4.58	-3.99	6.1	319.0	5.2	333.1
155.00	154.77	5.42	-4.43	7.0	320.7	5.8	328.5
165.00	164.71	6.36	-4.89	8.0	322.4	6.2	334.7
175.00	174.65	7.36	-5.34	9.1	324.0	6.4	335.3
185.00	184.59	8.42	-5.78	10.2	325.5	6.7	337.7
195.00	194.51	9.57	-6.26	11.4	326.8	7.5	337.0
205.00	204.41	10.83	-6.84	12.8	327.7	8.3	335.4
215.00	214.31	12.14	-7.45	14.2	328.5	7.4	333.2
225.00	224.20	13.07	-8.53	15.6	326.9	8.6	313.3
235.00	234.10	13.99	-9.64	17.0	325.4	8.3	309.3
245.00	244.00	14.82	-10.78	18.3	324.0	8.3	307.1
255.00	253.88	15.97	-11.81	19.9	323.5	9.5	324.6
265.00	263.73	17.29	-12.86	21.5	323.4	9.9	322.2
275.00	273.58	18.61	-13.97	23.3	323.1	10.4	318.5
285.00	283.42	19.97	-15.14	25.1	322.8	10.5	319.4
295.00	293.25	21.33	-16.38	26.9	322.5	10.8	316.5
299.40	297.57	21.94	-16.95	27.7	322.3	11.3	317.1

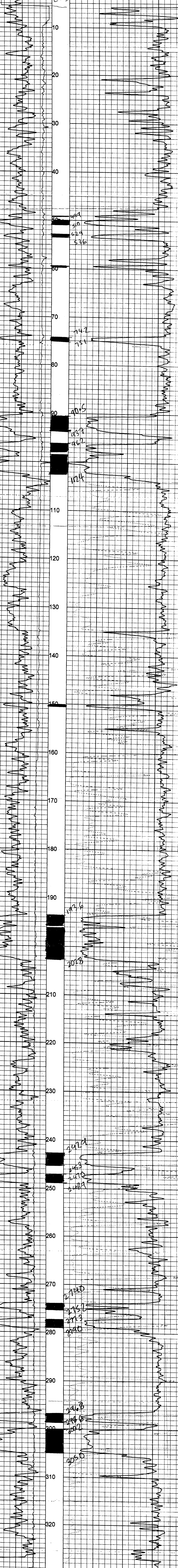
2949
SCORING RIVER OPERATIONS
ALBERTA

OTHER SERVICES
9138
9138

COMPANY	ELK VALLEY COAL
WELL	2949
FIELD	SCORING RIVER OPERATIONS
COUNTY	ALBERTA
STATE	ALBERTA
LOCATION	N/A
SECTION	N/A
TOWNSHIP	N/A
RANGE	N/A
ZONE	N/A
UNIQUE WELL ID	N/A
PERMANENT DATUM	CS
ELEVATION OF N/A	
LOG MEASURED FROM SL	ELEVATION OF N/A
LOG MEASURED FROM SL	
DATE	07/27/07
DEPTH DRILLER	13.00
BIT SIZE	13.00
LOG TOP	337
LOG BOTTOM	338.98
CASING OD	N/A
CASING ID	9
CASING TYPE	N/A
BORING FLUID	WATER
RAI TEMPERATURE	N/A
RAI RES	1.0
RAI WEIGHT	N/A
RECORDED BY	B. BENINGER
REMARKS 1	
REMARKS 2	

1:200 COMPENSATED DENSITY 2949 07/27/07

LOG PARAMETERS
 MATRIX DENSITY : 2.65
 MAGNETIC DECL : 17
 PRESENTATION NAME/DATE = 9138-PRINT-RES 0 07/07/2007
 NEUTRON MATRIX : SANDSTONE
 ELECT. CUTOFF : 99999
 MATRIX DELTA T : 177
 BIT SIZE : 13.00
 VERSION = 3.64EK



1:200 COMPENSATED DENSITY 2949 07/27/07

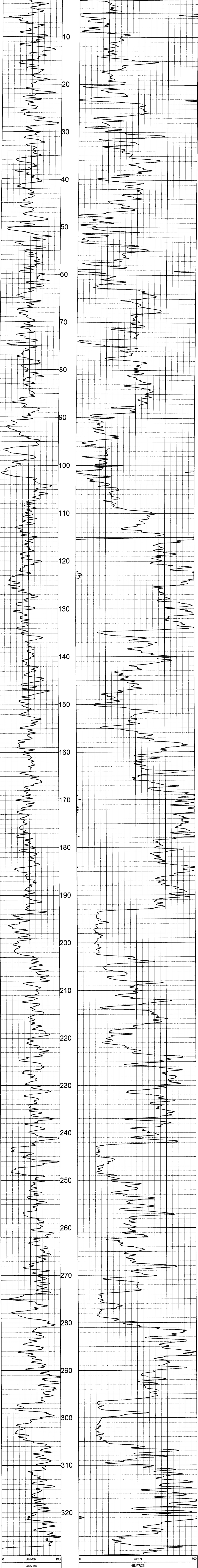
LOG PARAMETERS
 MATRIX DENSITY : 2.65
 MAGNETIC DECL : 17
 PRESENTATION NAME/DATE = 9138-PRINT-RES 0 07/07/2007
 NEUTRON MATRIX : SANDSTONE
 ELECT. CUTOFF : 99999
 MATRIX DELTA T : 177
 BIT SIZE : 13.00
 VERSION = 3.64EK

COMPANY	ELK VALLEY COAL	OTHER SERVICES
WELL	2949	9697
FIELD	FORDING RIVER OPERATIONS	9139
COUNTY	CANADA	
STATE	ALBERTA	
LOCATION	N/A	
SECTION	N/A	
TOWNSHIP	N/A	
RANGE	N/A	
API NO	N/A	
UNIQUE WELL ID	N/A	
PERMANENT DATUM	GL	ELEVATION KB N/A
LOG MEASURED FROM GL		ELEVATION DF N/A
DATE	07/27/07	ELEVATION GI N/A
DEPTH DRILLER	330	
BIT SIZE	13	
LOG TOP	0.63	
LOG BOTTOM	329.91	
CASING JOI	N/A	
CASING BOTTOM	9	
CASING TYPE	N/A	
BORING LIQUID	WATER	
RIM TEMPERATURE	N/A	
MUD WEIGHT	1.0	
WITNESSED BY	N/A	
RECORDED BY	S. BENINGER	
REMARKS 1		
REMARKS 2		

1:200 SLIM GAMMA NEUTRON 2949 07/27/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9087A.0 07/04/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2949 07/27/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9087A.0 07/04/2007 VERSION = 3.64EK

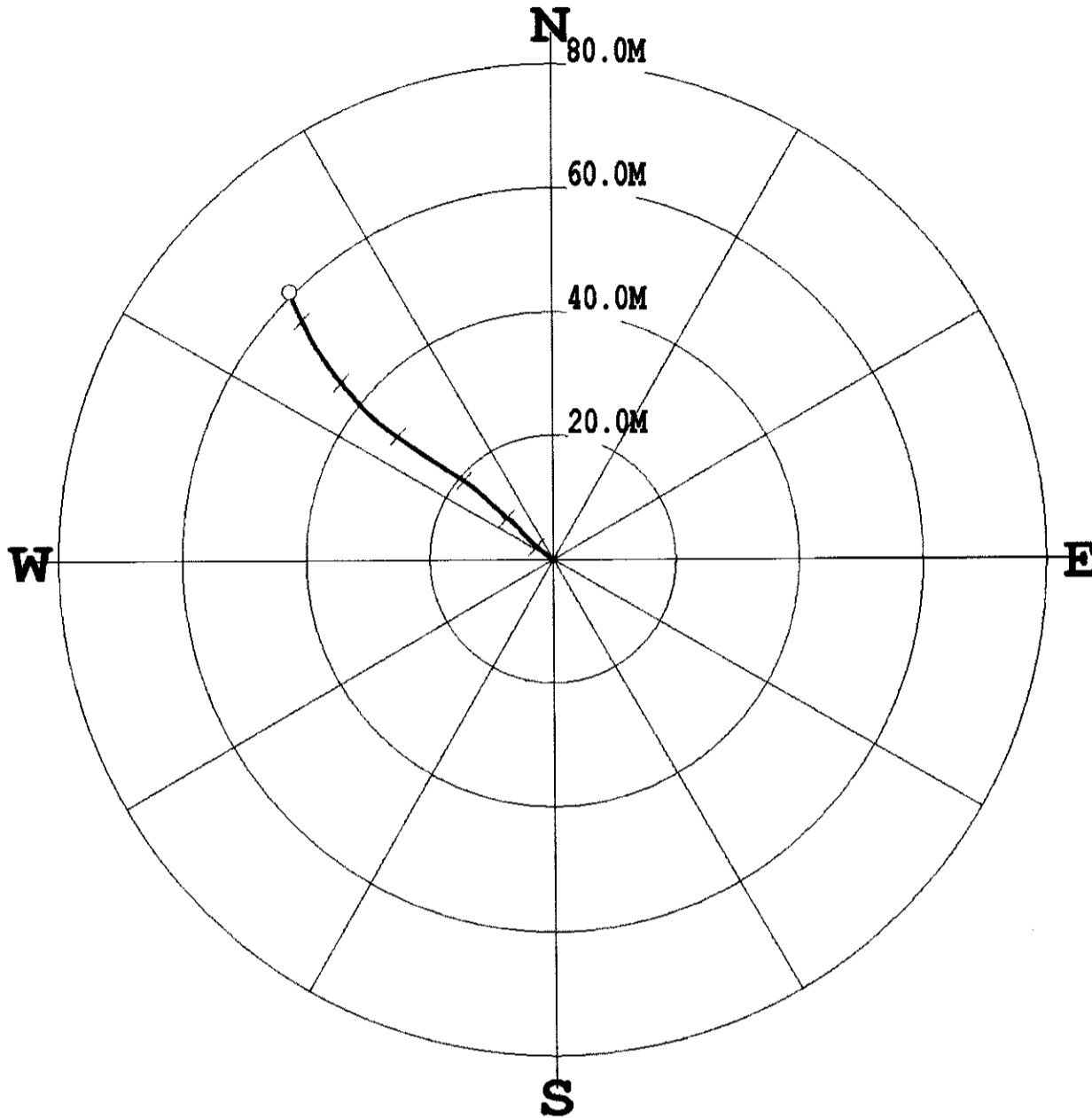
TOOL CALIBRATION 2949 07/27/07 08:15		SENSOR		STANDARD		RESPONSE	
1	Jul20.07	01:44:30	GAMMA	1 000	[API-GR]	1.00	[CPS]
2	Jul20.07	01:44:30	GAMMA	250 000	[API-GR]	52.00	[CPS]
	Sep03.06	10:47:15	NEUTRON	1 000	[API-N]	1.00	[CPS]
	Sep03.06	10:47:15	NEUTRON	500 000	[API-N]	500.00	[CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2949
 DATE OF LOG: 07/27/07
 PROBE: 9057A 1067



SCALE: 10 M/CM
 TRUE DEPTH: 322.74 M
 AZIMUTH: 315.6
 DISTANCE: 60.5 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL HOLE ID. : 2949
 FIELD OFFICE : PENHOLD DATE OF LOG : 07/27/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2949_07-27-07_15-18_9057A_.02_3.39_329.54_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
5.10	5.09	0.00	-0.00	0.0	284.8	0.7	284.8
15.00	14.99	0.10	-0.15	0.2	301.9	2.5	309.8
25.00	24.96	0.44	-0.72	0.8	301.8	4.2	307.3
35.00	34.93	1.00	-1.39	1.7	305.8	5.5	312.6
45.00	44.87	1.66	-2.21	2.8	307.0	6.6	311.7
55.00	54.80	2.43	-3.09	3.9	308.3	7.0	312.3
65.00	64.72	3.28	-3.98	5.2	309.5	7.2	315.7
75.00	74.64	4.19	-4.85	6.4	310.8	7.3	320.1
85.00	84.55	5.21	-5.76	7.8	312.1	8.1	317.1
95.00	94.44	6.29	-6.81	9.3	312.7	8.9	305.3
105.00	104.33	7.10	-8.00	10.7	311.6	9.2	316.9
115.00	114.20	8.23	-9.12	12.3	312.1	9.1	310.9
125.00	124.06	9.37	-10.35	14.0	312.2	10.1	311.9
135.00	133.89	10.59	-11.69	15.8	312.2	10.9	309.3
145.00	143.68	11.87	-13.27	17.8	311.8	12.0	304.7
155.00	153.43	13.15	-15.06	20.0	311.1	13.4	303.1
165.00	163.13	14.41	-17.15	22.4	310.0	14.6	301.3
175.00	172.82	15.75	-19.24	24.9	309.3	14.4	303.4
185.00	182.50	17.14	-21.32	27.4	308.8	15.3	305.3
195.00	192.16	18.62	-23.42	29.9	308.5	14.9	305.5
205.00	201.83	20.09	-25.54	32.5	308.2	14.8	305.9
215.00	211.51	21.60	-27.54	35.0	308.1	14.6	308.7
225.00	221.20	23.20	-29.40	37.5	308.3	13.6	311.5
235.00	230.90	24.93	-31.11	39.9	308.7	14.1	317.5
245.00	240.59	26.81	-32.69	42.3	309.4	14.2	320.3
255.00	250.30	28.65	-34.25	44.7	309.9	13.7	320.7
265.00	260.02	30.52	-35.68	47.0	310.5	13.7	323.5
275.00	269.73	32.46	-37.04	49.2	311.2	14.1	326.3
285.00	279.45	34.44	-38.31	51.5	312.0	13.4	328.9
295.00	289.19	36.44	-39.40	53.7	312.8	12.9	334.9
305.00	298.94	38.42	-40.36	55.7	313.6	12.6	332.7
315.00	308.71	40.37	-41.28	57.7	314.4	12.1	335.8
325.00	318.47	42.36	-42.10	59.7	315.2	12.2	339.9
329.36	322.74	43.22	-42.40	60.5	315.5	12.0	342.1

2952

COMPANY	ELK VALLEY COAL	OTHER SERVICES
WELL	2952	
FIELD	FORBING RIVER OPERATOR	
COUNTRY	CANADA	
PROVINCE	ALBERTA	
LOCATION	N/A	
SECTION	N/A	
TOWNSHIP	N/A	
RANGE	N/A	
LICENCE NO.	N/A	
UNIQUE WELL ID	N/A	
PERMANENT CATALOG NO.		ELEVATION RB N/A
LOG MEASURED FROM GL		ELEVATION DR N/A
		ELEVATION GL N/A
DATE	07/05/07	
DRILLER	200	
DEPTH DRILLER	300	
BIT SIZE	13.00	
LOG TOP	31.75	
LOG BOTTOM	286.44	
CASING LOGGER	N/A	
CASING DRILLER	3	
CASING TYPE	N/A	
ROD TYPE	N/A	
RODICLE FLUID	WATER	
RM TEMPERATURE	N/A	
MUD RES	N/A	
MUD WEIGHT	1.0	
WITNESSED BY	N/A	
RECORDED BY	S. BENINGER	
REMARKS 1		
REMARKS 2		

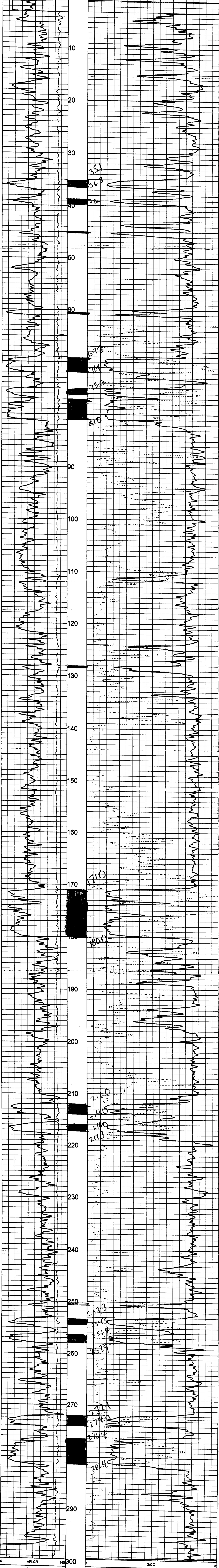
1:200 COMPENSATED DENSITY 2952 07/05/07

LOG PARAMETERS

MATRIX DENSITY: 2.65
MAGNETIC DECL: 17
PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/02/2007

NEUTRON MATRIX: SANDSTONE
ELECT. CUTOFF: 99999
DR. MEASURED FROM GL

MATRIX DELTA T: 177
BIT SIZE: 13.00
VERSION = 3.64EK



API-GR	140	300	G/CC	3
GAMMA			DEN(CDL)	
CM	17		OHM-M	30000
CALIPER			RES(SG)	

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

COMPANY: ELK VALLEY COAL

WELL: 2952

FIELD: FORBING RIVER OPERATIONS

OTHER SERVICES: 8057

COUNTRY: CANADA

PROVINCE: ALBERTA

LOCATION: N/A

SECTION: N/A

TOWNSHIP: N/A

RANGE: N/A

LICENCE NO: N/A

UNIQUE WELL ID: N/A

PERMANENT DATA: TEL

LOG MEASURED FROM: GL

DRIL MEASURED FROM: GL

ELEVATION RB: N/A

ELEVATION BF: N/A

ELEVATION GL: N/A

DATE: 07/05/07

DEPTH DRILLER: 300

BIT SIZE: 13

LOG TOP: 0.38

LOG BOTTOM: 291.50

CASING LOGGER: N/A

CASING DRILLER: 3

CASING TYPE: N/A

BORHOLE FLUID: WATER

BM TEMPERATURE: N/A

MUD RES: N/A

MUD WEIGHT: 1.0

WITNESSED BY: N/A

RECORDED BY: B. BERINGER

REMARKS 1:

REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS.

1:200 SLIM GAMMA NEUTRON 2952 07/05/07

LOG PARAMETERS

MATRIX DENSITY: 2.85

NEUTRON MATRIX: SANDSTONE

MATRIX DELTA T: 177

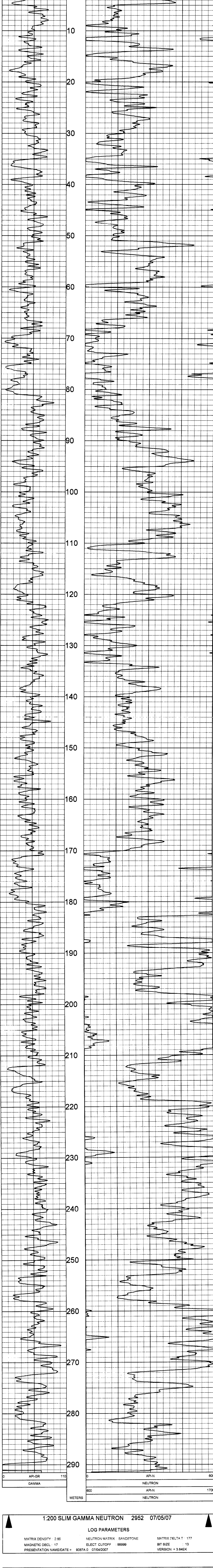
MAGNETIC DECL: 17

ELECT CUTOFF: 99999

BIT SIZE: 13

PRESENTATION NAME/DATE = 9087A.0 07/04/2007

VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2952 07/05/07

LOG PARAMETERS

MATRIX DENSITY: 2.85

NEUTRON MATRIX: SANDSTONE

MATRIX DELTA T: 177

MAGNETIC DECL: 17

ELECT CUTOFF: 99999

BIT SIZE: 13

PRESENTATION NAME/DATE = 9087A.0 07/04/2007

VERSION = 3.64EK

TOOL CALIBRATION 2952 07/05/07 03:11
TOOL 9087A TM VERSION 1
SERIAL NUMBER 530

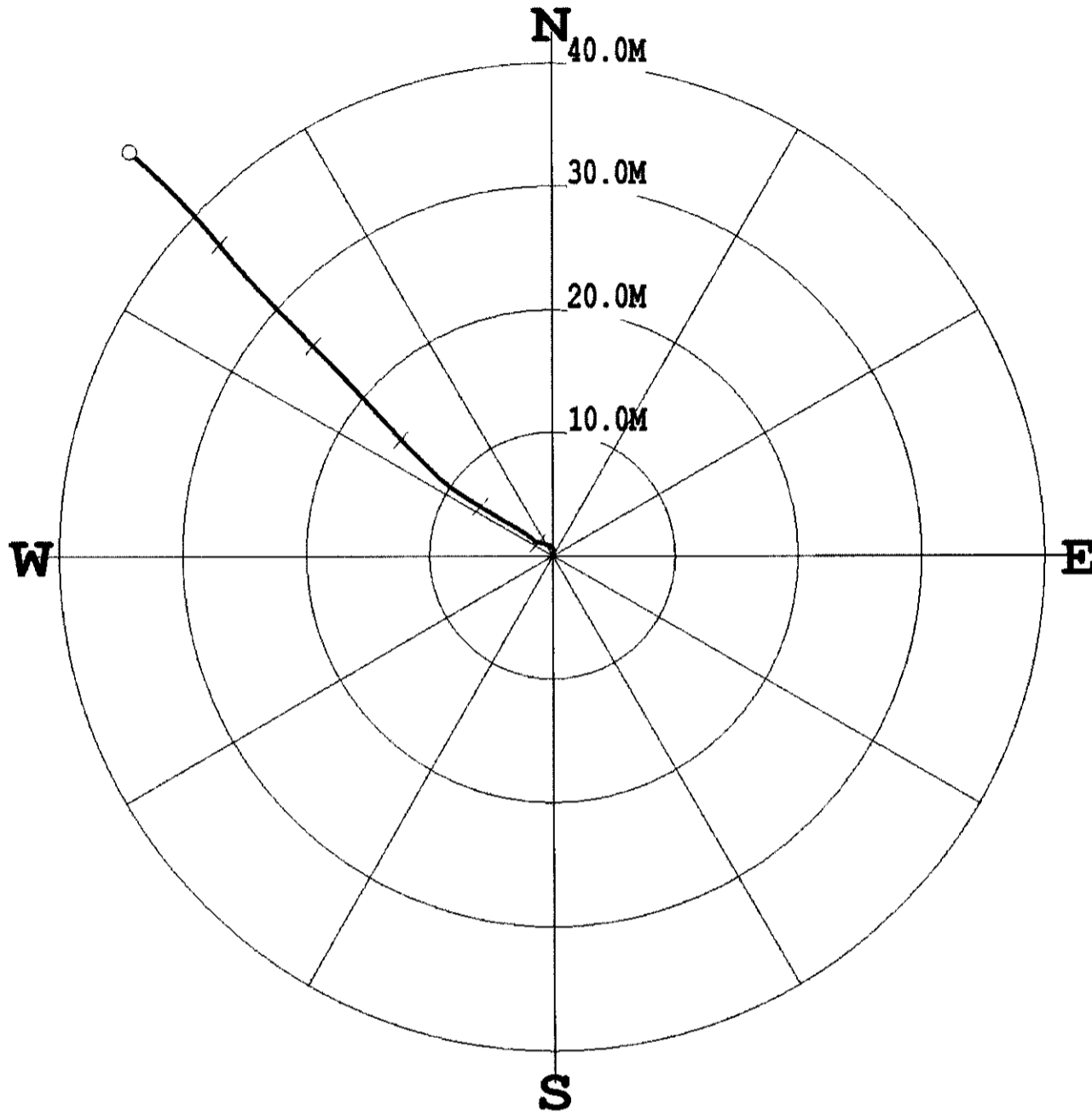
DATE	TIME	SENSOR	STANDARD	RESPONSE
1	May17,07 10:59:51	GAMMA	1 000 [API-GR]	1.00 [CPS]
	May17,07 10:59:51	GAMMA	250 000 [API-GR]	70.00 [CPS]
2	Sep03,08 10:47:15	NEUTRON	1 000 [API-N]	1.00 [CPS]
	Sep03,08 10:47:15	NEUTRON	500 000 [API-N]	500.00 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2952
 DATE OF LOG: 07/05/07
 PROBE: 9057A 1067



SCALE: 5 M/CM
 TRUE DEPTH: 294.67 M
 AZIMUTH: 313.7
 DISTANCE: 47.3 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL HOLE ID. : 2952
 FIELD OFFICE : PENHOLD DATE OF LOG : 07/05/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2952_07-05-07_10-48_9057A_.02_8.00_299.44_DEVI.log

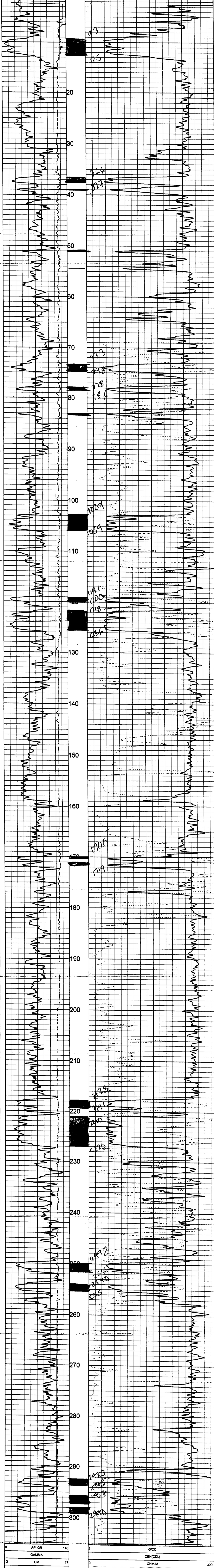
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.00	10.00	0.01	0.01	0.0	31.7	2.3	29.4
20.00	19.99	0.42	0.06	0.4	8.2	3.0	358.3
30.00	29.98	0.82	-0.19	0.8	346.7	3.0	295.0
40.00	39.97	0.97	-0.68	1.2	324.7	2.8	280.2
50.00	49.95	1.09	-1.18	1.6	312.7	3.8	283.1
60.00	59.93	1.46	-1.75	2.3	309.8	5.4	309.9
70.00	69.88	2.04	-2.56	3.3	308.5	6.4	304.3
80.00	79.81	2.63	-3.53	4.4	306.7	6.9	304.2
90.00	89.73	3.26	-4.64	5.7	305.1	7.7	292.1
100.00	99.63	3.98	-5.83	7.1	304.3	8.6	303.0
110.00	109.52	4.75	-7.07	8.5	303.9	8.7	305.5
120.00	119.40	5.63	-8.35	10.1	304.0	9.6	305.8
130.00	129.26	6.71	-9.61	11.7	304.9	9.8	315.6
140.00	139.11	7.91	-10.82	13.4	306.2	10.5	312.6
150.00	148.94	9.27	-12.12	15.3	307.4	11.5	315.0
160.00	158.74	10.74	-13.46	17.2	308.6	11.6	318.5
170.00	168.52	12.24	-14.85	19.2	309.5	11.9	317.7
180.00	178.31	13.76	-16.22	21.3	310.3	11.8	317.7
190.00	188.10	15.25	-17.63	23.3	310.9	12.1	318.2
200.00	197.88	16.76	-19.06	25.4	311.3	12.2	317.4
210.00	207.65	18.28	-20.56	27.5	311.6	12.3	316.1
220.00	217.42	19.82	-22.05	29.6	311.9	12.3	315.2
230.00	227.18	21.37	-23.56	31.8	312.2	12.7	317.0
240.00	236.94	22.97	-25.04	34.0	312.5	12.8	319.4
250.00	246.69	24.66	-26.48	36.2	313.0	12.3	312.0
260.00	256.43	26.41	-27.93	38.4	313.4	13.2	322.1
270.00	266.16	28.12	-29.46	40.7	313.7	12.9	309.0
280.00	275.90	29.75	-31.03	43.0	313.8	13.2	315.6
290.00	285.65	31.30	-32.65	45.2	313.8	13.1	313.2
299.26	294.67	32.69	-34.19	47.3	313.7	13.0	313.3

		COMPENSATED DENSITY GAMMA-CALIPER-RES 2955	
COMPANY	ELK VALLEY COAL	WELL	2955
FIELD	2955	FORMING RIVER OPERATOR	OTHER SERVICES
COUNTY	FOUR MOUNTAINS	DATE	07/02/2007
PROVINCE	ALBERTA	LOG TOP	13.00
LOCATION	NA	LOG BOTTOM	298.29
SECTION	NA	CASING LOGGER	NA
TOWNSHIP	NA	CASING TYPE	NA
RANGE	NA	BORING FLUID	WATER
LICENCE NO.	NA	RAM TEMPERATURE	NA
LINKAGE NO.	NA	MAJU RES	1.0
UNIQUE WELL ID	NA	WITNESSED BY	NA
PERMIT/DATA	EL	RECORDED BY	A. BENINGER
LOG MEASURED FROM DL	EL	REMARKS 1	
DATE	07/04/07	REMARKS 2	

1:200 COMPENSATED DENSITY 2955 07/04/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = #139-PRINT-RES.0 07/02/2007 VERSION = 3.64EK



1:200 COMPENSATED DENSITY 2955 07/04/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = #139-PRINT-RES.0 07/02/2007 VERSION = 3.64EK

COMPANY: ELK VALLEY COAL
WELL: 2955
FIELD: FORGING RIVER OPERATIONS
COUNTRY: CANADA
PROVINCE: ALBERTA
LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
LICENSE NO: N/A
UNIQUE WELL ID: N/A

PERMANENT DATUM: GL
LOG MEASURED FROM: GL
DNL MEASURED FROM: GL
DATE: 07/03/07
DEPTH DRILLER: 318
BIT SIZE: 13

LOG TOP: 9.08
LOG BOTTOM: 305.31
CASING LOGGER: N/A
CASING DRILLER: 9

BOREHOLE FLUID: WATER
MUD RES: N/A
MUD WEIGHT: 1.0
RECORDED BY: B. BERINGER
REMARKS 1:
REMARKS 2:

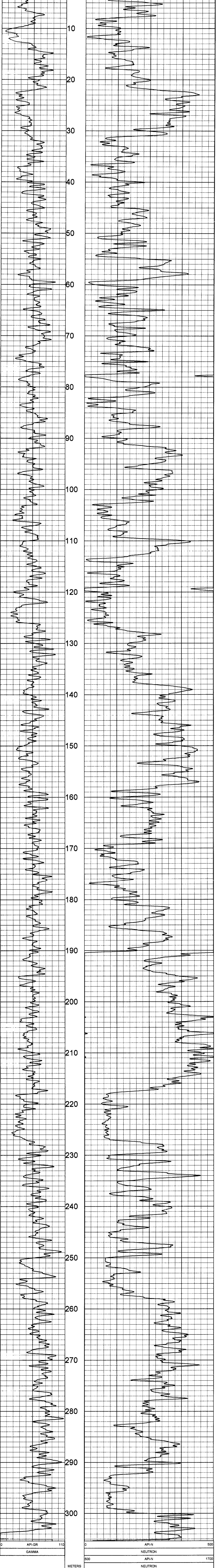
OTHER SERVICES:
9997
9239

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 SLIM GAMMA NEUTRON 2955 07/03/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE = 9087A.0 07/04/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2955 07/03/07

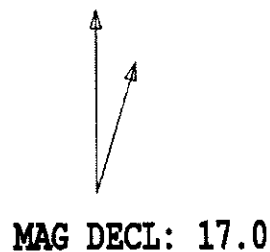
LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE = 9087A.0 07/04/2007 VERSION = 3.64EK

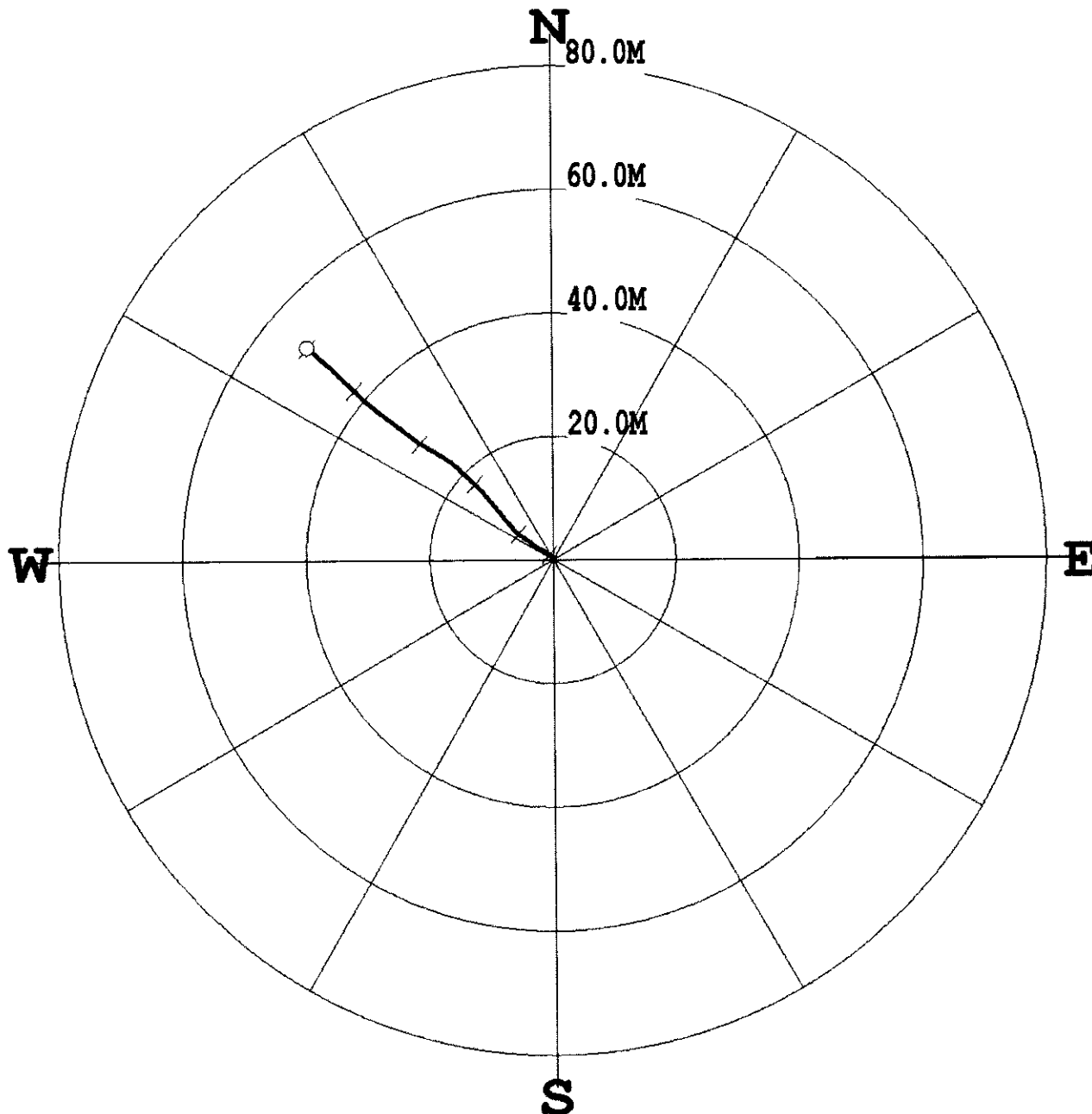
DATE	TIME	SENSOR	STANDARD	RESPONSE
1	May17.07 10:59:51	GAMMA	1.000 [API-GR]	1.00 [CPS]
2	May17.07 10:59:51	GAMMA	250.000 [API-GR]	70.00 [CPS]
2	Sep03.06 10:47:15	NEUTRON	1.000 [API-N]	1.00 [CPS]
2	Sep03.06 10:47:15	NEUTRON	500.000 [API-N]	500.00 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2955
 DATE OF LOG: 07/04/07
 PROBE: 9057A 1067



SCALE: 10 M/CM
 TRUE DEPTH: 299.53 M
 AZIMUTH: 310.9
 DISTANCE: 52.4 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL HOLE ID. : 2955
 FIELD OFFICE : PENHOLD DATE OF LOG : 07/04/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2955_07-04-07_10-01_9057A_.02_8.65_305.46_DEVI.log

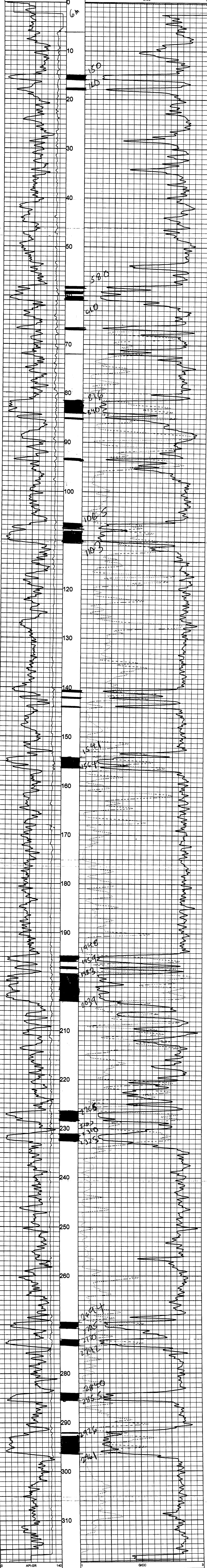
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGE
10.38	10.37	-0.00	0.00	0.0	133.9	1.2	133.9
20.00	19.99	-0.06	0.17	0.2	109.9	1.2	61.6
30.00	29.98	0.20	0.23	0.3	48.9	1.8	325.8
40.00	39.98	0.49	-0.05	0.5	354.5	2.7	298.2
50.00	49.95	0.80	-0.62	1.0	322.4	5.0	298.6
60.00	59.91	1.31	-1.41	1.9	312.9	5.5	295.6
70.00	69.85	1.82	-2.37	3.0	307.5	5.8	309.1
80.00	79.79	2.45	-3.24	4.1	307.1	6.6	312.9
90.00	89.70	3.21	-4.28	5.4	306.9	9.0	294.9
100.00	99.58	4.08	-5.55	6.9	306.3	9.8	303.1
110.00	109.40	5.46	-6.83	8.7	308.6	11.4	320.8
120.00	119.18	7.04	-8.16	10.8	310.8	12.1	324.0
130.00	128.95	8.69	-9.50	12.9	312.4	12.1	318.9
140.00	138.71	10.37	-10.89	15.0	313.6	12.6	320.3
150.00	148.47	11.99	-12.37	17.2	314.1	12.7	314.5
160.00	158.23	13.51	-13.89	19.4	314.2	10.9	312.5
170.00	168.04	14.84	-15.31	21.3	314.1	11.1	316.6
180.00	177.83	16.08	-16.85	23.3	313.7	12.5	308.0
190.00	187.58	17.30	-18.69	25.5	312.8	13.7	289.2
200.00	197.28	18.54	-20.76	27.8	311.8	15.0	300.9
210.00	206.88	20.11	-23.03	30.6	311.1	16.3	310.0
220.00	216.49	21.79	-25.21	33.3	310.8	15.9	304.6
230.00	226.13	23.41	-27.35	36.0	310.6	15.4	307.3
240.00	235.75	25.10	-29.47	38.7	310.4	15.4	308.7
250.00	245.45	26.77	-31.25	41.1	310.6	12.7	305.3
260.00	255.18	28.33	-32.91	43.4	310.7	13.3	320.7
270.00	264.93	29.84	-34.53	45.6	310.8	11.1	311.7
280.00	274.71	31.28	-36.00	47.7	311.0	11.5	307.0
290.00	284.52	32.57	-37.47	49.6	311.0	10.4	306.8
300.00	294.34	33.80	-38.87	51.5	311.0	11.0	303.3
305.28	299.53	34.37	-39.61	52.4	310.9	10.0	301.5

COMPANY	ELK VALLEY COAL	OTHER SERVICES
WELL	2957	9997
FIELD	FORDING RIVER OPERATIONS	
COUNTRY	CANADA	
PROVINCE	ALBERTA	
LOCATION	N/A	
SECTION	N/A	
TOWNSHIP	N/A	
RANGE	N/A	
U.P. NO.	N/A	
PERMIT NO.	N/A	
PERMIT EXPIRES	01/01/01	ELEVATION TO SURFACE
LOG MEASURED FROM	01/01/01	ELEVATION OF SURFACE
DATE	07/02/07	ELEVATION OF LOG
DEPTH DRILLER	13.00	
BIT SIZE	0.18	
LOG TOP	0.18	
LOG BOTTOM	318.80	
CASING LOGGER	N/A	
CASING DRILLER	9	
CASING TYPE	N/A	
ROPERHOLE FLUID	N/A	
FLUID TEMPERATURE	N/A	
FLUID WEIGHT	1.0	
WITNESSED BY	S. BERNIER	
REMARKS 1		
REMARKS 2		

1:200 COMPENSATED DENSITY 2957 07/02/07

LOG PARAMETERS

MATRIX DENSITY : 2.85 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 0 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/02/2007 VERSION = 3.64EK



1:200 COMPENSATED DENSITY 2957 07/02/07

LOG PARAMETERS

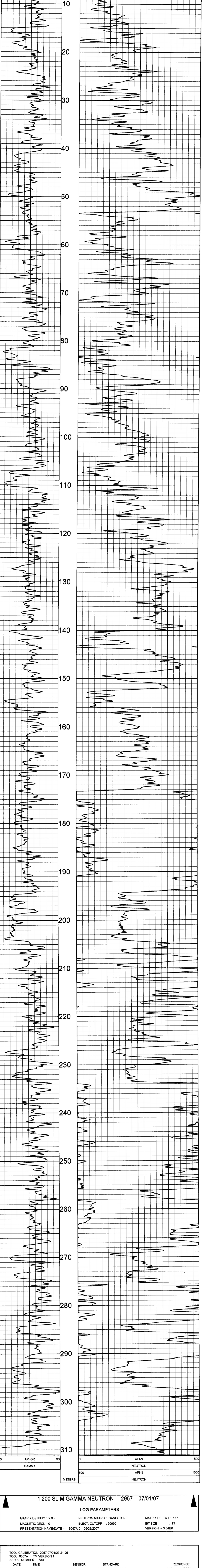
MATRIX DENSITY : 2.85 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 0 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/02/2007 VERSION = 3.64EK

COMPANY	ELK VALLEY COAL	OTHER SERVICES	
WELL	2957	9238	
FIELD	FORDING RIVER OPERATIONS	9057	
COUNTRY	CANADA		
PROVINCE	ALBERTA		
LOCATION	N/A		
SECTION	N/A		
FORMATION	N/A		
RANGE	N/A		
LICENCE NO.	N/A		
UNIQUE WELL ID.	N/A		
PERMANENT DATUM	GL	ELEVATION 43 N/A	
LOG MEASURED FROM	GL	ELEVATION OF N/A	
ORL MEASURED FROM	GL	ELEVATION GL N/A	
DATE	07/01/07		
DEPTH DRILLER	318		
BIT SIZE	13		
LOG TOP	50.00		
LOG BOTTOM	311.18		
CASING LOGGER	N/A		
CASING DRILLER	N/A		
CASING TYPE	N/A		
BORING FLUID	WATER		
NM TEMPERATURE	N/A		
MUD RES	1:0		
MUD WEIGHT	N/A		
WITNESSED BY	JA BENINGER		
RECORDED BY			
REMARKS 1			
REMARKS 2			

1:200 SLIM GAMMA NEUTRON 2957 07/01/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 0 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9087A.0 08/28/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2957 07/01/07

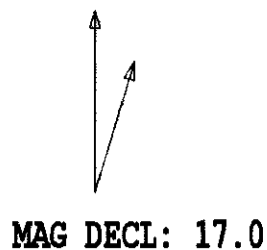
LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 0 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9087A.0 08/28/2007 VERSION = 3.64EK

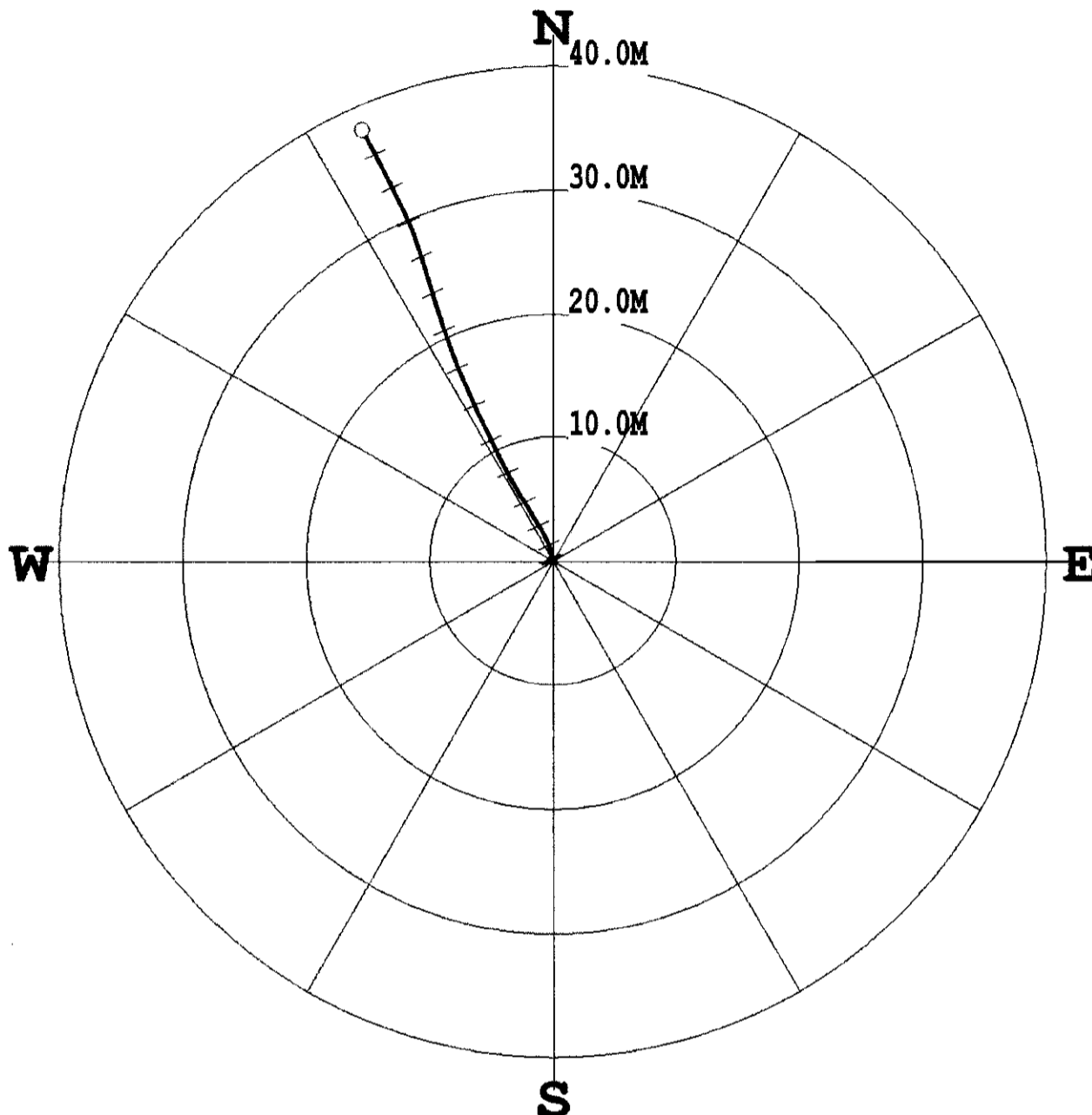
TOOL CALIBRATION 2957 07/01/07 21:25		SENSOR		STANDARD		RESPONSE	
DATE	TIME						
1	May17,07	10:59:51	GAMMA	1,000	[API-GR]	70.00	[CPS]
	May17,07	10:59:51	GAMMA	250,000	[API-GR]	1.00	[CPS]
2	Sep03,06	10:47:15	NEUTRON	1,000	[API-N]	1.00	[CPS]
	Sep03,06	10:47:15	NEUTRON	500,000	[API-N]	500.00	[CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2957
 DATE OF LOG: 07/02/07
 PROBE: 9057A 1067



SCALE: 5 M/CM
 TRUE DEPTH: 314.32 M
 AZIMUTH: 336.1
 DISTANCE: 38.1 M
 + = 20 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL HOLE ID. : 2957
 FIELD OFFICE : PENHOLD DATE OF LOG : 07/02/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2957_07-02-07_10-18_9057A_.02_8.64_317.27_DEVI.log

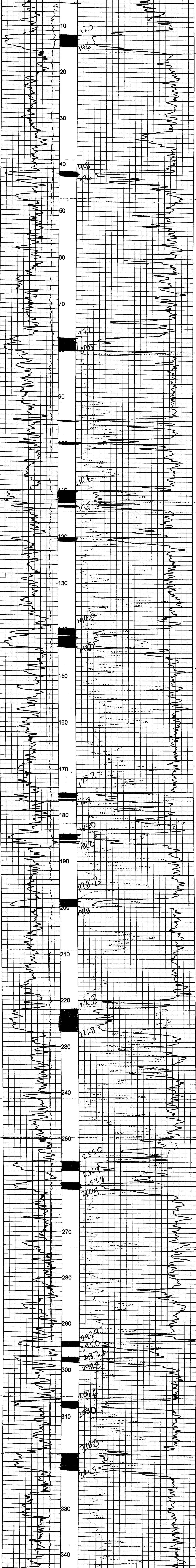
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.36	10.36	0.00	-0.00	0.0	349.0	1.0	349.0
20.00	20.00	0.11	-0.07	0.1	327.1	0.6	306.9
30.00	30.00	0.13	-0.15	0.2	309.9	0.8	293.0
40.00	40.00	0.19	-0.26	0.3	306.5	2.2	42.9
50.00	49.99	0.66	-0.17	0.7	345.8	3.4	351.2
60.00	59.96	1.30	-0.36	1.3	344.6	4.4	342.3
70.00	69.93	2.04	-0.70	2.2	341.1	4.9	325.6
80.00	79.89	2.82	-1.17	3.1	337.4	5.9	324.5
90.00	89.83	3.72	-1.71	4.1	335.3	6.3	327.2
100.00	99.76	4.71	-2.30	5.2	333.9	6.9	325.4
110.00	109.68	5.80	-2.97	6.5	332.9	7.8	329.9
120.00	119.58	7.02	-3.67	7.9	332.4	8.4	332.8
130.00	129.47	8.32	-4.33	9.4	332.5	8.3	333.8
140.00	139.37	9.63	-4.97	10.8	332.7	8.5	332.6
150.00	149.25	10.99	-5.62	12.3	332.9	9.2	335.4
160.00	159.13	12.41	-6.30	13.9	333.1	9.2	334.9
170.00	169.00	13.87	-6.94	15.5	333.4	9.5	338.6
180.00	178.86	15.40	-7.60	17.2	333.7	9.8	337.3
190.00	188.72	16.93	-8.19	18.8	334.2	9.2	339.3
200.00	198.59	18.45	-8.72	20.4	334.7	9.1	340.7
210.00	208.47	19.95	-9.21	22.0	335.2	9.3	341.9
220.00	218.34	21.45	-9.69	23.5	335.7	8.9	341.9
230.00	228.22	22.93	-10.15	25.1	336.1	8.8	344.4
240.00	238.10	24.38	-10.59	26.6	336.5	8.7	344.7
250.00	247.99	25.80	-11.05	28.1	336.8	8.7	339.8
260.00	257.88	27.18	-11.58	29.5	336.9	8.5	339.1
270.00	267.77	28.55	-12.21	31.1	336.8	8.7	332.0
280.00	277.65	29.90	-12.89	32.6	336.7	8.7	334.4
290.00	287.54	31.23	-13.56	34.0	336.5	8.9	332.7
300.00	297.43	32.56	-14.23	35.5	336.4	8.3	332.7
310.00	307.32	33.86	-14.94	37.0	336.2	8.9	333.2
317.08	314.32	34.80	-15.45	38.1	336.1	8.8	329.0

COMPANY	ELK VALLEY COAL
WELL	2959
FIELD	FONDING RIVER OPERATOR
COUNTRY	CANADA
PROVINCE	ALBERTA
LOCATION	N/A
SECTION	N/A
TOWNSHIP	N/A
RANGE	N/A
LICENCE NO.	N/A
UNIQUE WELL ID.	N/A
PERMANENT DATA	SI
LOG MEASURED FROM SL	ELEVATION OF N/A
DATE	06/30/07
DEPTH DRILLER	346
BIT SIZE	13.00
LOG TOP	9.29
LOG BOTTOM	347.41
CASING DRILLER	N/A
CASING ORDER	5
CASING TYPE	N/A
BOHOLE FLUID	WATER
BM TEMPERATURE	N/A
BM RES	N/A
BM WEIGHT	1.0
WITNESSED BY	N/A
RECORDED BY	B. BENINGER
REMARKS 1	
REMARKS 2	

1:200 COMPENSATED DENSITY 2959 06/30/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 0 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 0139-PRINT.0 06/08/2007 VERSION = 3.64EK

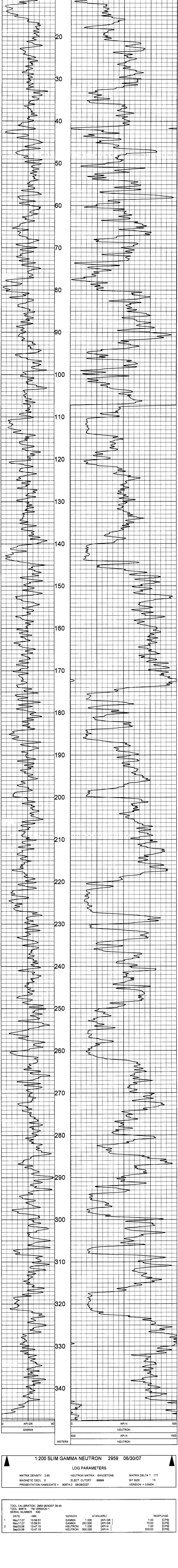


COMPANY	ELK VALLEY COAL	OTHER SERVICES	9607
WELL	2959		9229
FIELD	FORDING RIVER OPERATIONS		
PROVINCE	CANADA		
LOCATION	ALBERTA		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENSE NO.	N/A		
UNIQUE WELL ID	N/A		
PERMANENT DATA - SL		ELEVATION IN M	N/A
LOG MEASURED FROM TO		ELEVATION OF M	N/A
DATE	06/30/07		
DEPTH DRILLER	290		
BIT SIZE	13		
LOGS TOP	0.00		
LOGS BOTTOM	347.83		
LOGS LOGGER	N/A		
CASING TYPE	8		
CASING DRILLER	N/A		
ROPER/LOG FLUID	WATER		
ROPER/TEMPERATURE	N/A		
MUD RES.	1.0		
MUD WEIGHT	N/A		
RECORDED BY	B. BERGER		
REMARKS 1			
REMARKS 2			

1:200 SLIM GAMMA NEUTRON 2959 06/30/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 0 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9087A.0 06/28/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2959 06/30/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 0 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9087A.0 06/28/2007 VERSION = 3.64EK

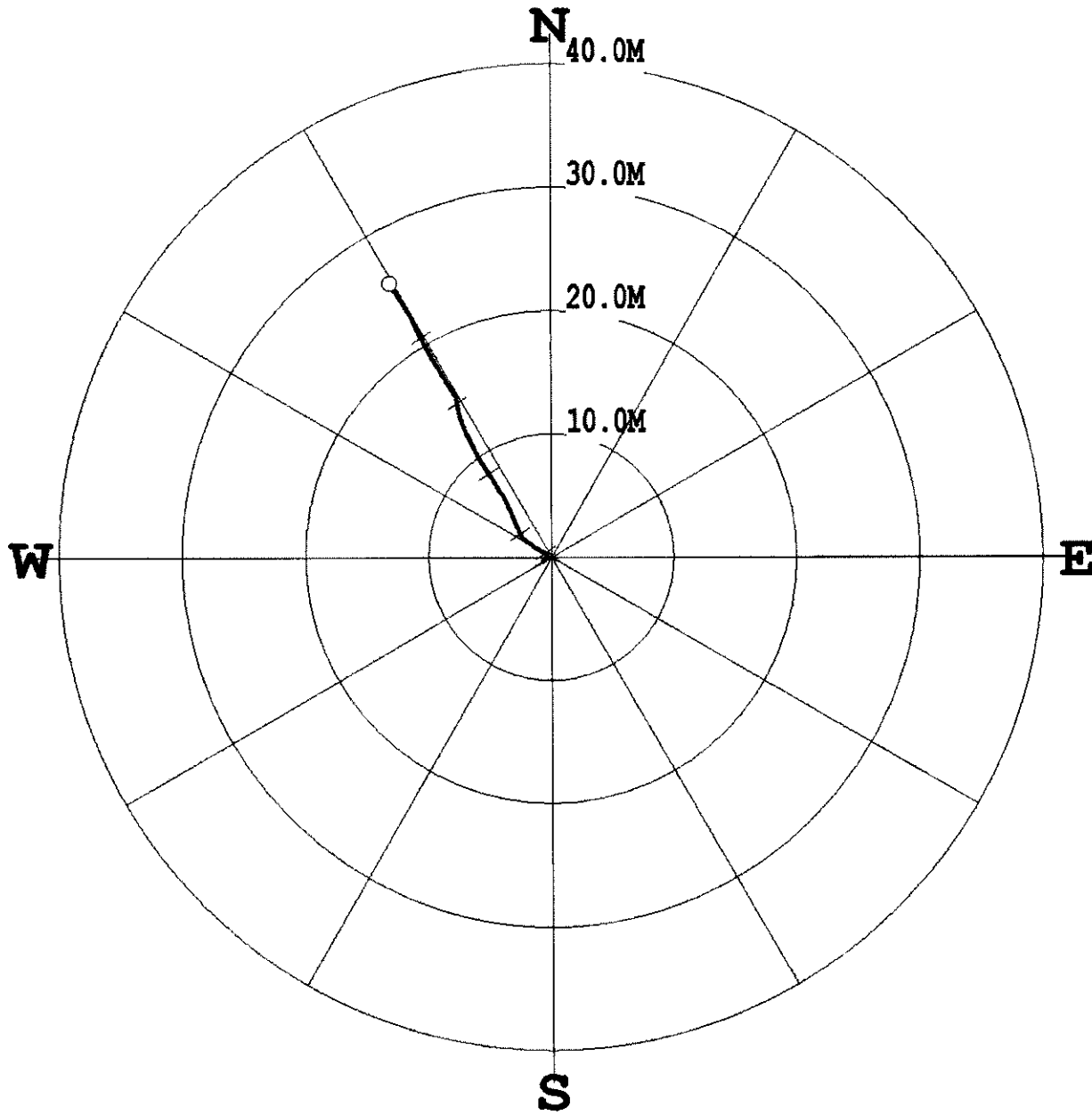
TOOL CALIBRATION 2959 06/30/07 08:46		SENSOR		STANDARD		RESPONSE	
TOOL 9087A TM VERSION 1		GAMMA	1 000	[API-GR]		1 00	[CPS]
SERIAL NUMBER 530		GAMMA	250 000	[API-GR]		70 00	[CPS]
1	May17,07 10:59:51	NEUTRON	1 000	[API-N]		1 00	[CPS]
2	May17,07 10:59:51	NEUTRON	500 000	[API-N]		500 00	[CPS]
	Sep03,08 10:47:15						
	Sep03,08 10:47:15						

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2959
 DATE OF LOG: 06/30/07
 PROBE: 9057A 1067



SCALE: 5 M/CM
 TRUE DEPTH: 345.73 M
 AZIMUTH: 329.5
 DISTANCE: 25.7 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL HOLE ID. : 2959
 FIELD OFFICE : PENHOLD DATE OF LOG : 06/30/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2959_06-30-07_13-37_9057A_02_7.78_347.37_DEVI.log

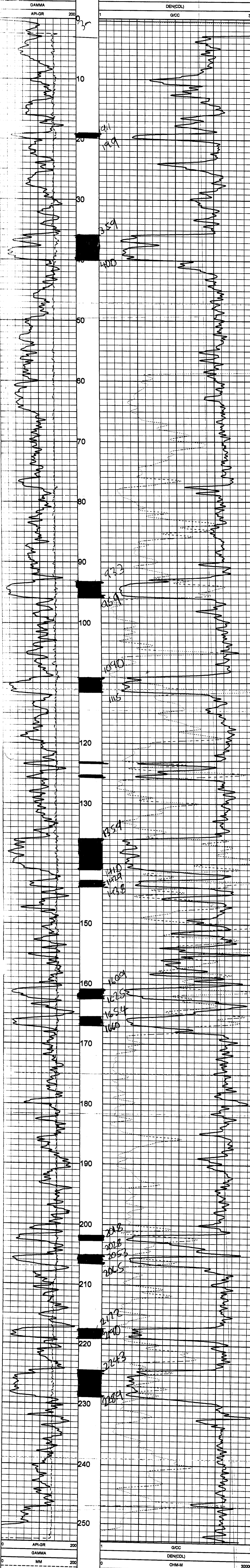
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.00	10.00	0.00	-0.01	0.0	289.5	1.2	288.9
20.00	20.00	0.01	-0.22	0.2	273.0	1.4	256.1
30.00	29.99	-0.11	-0.46	0.5	256.6	1.4	233.9
40.00	39.99	-0.24	-0.63	0.7	249.1	0.8	234.5
50.00	49.99	-0.31	-0.71	0.8	246.3	0.3	185.8
60.00	59.99	-0.32	-0.66	0.7	243.9	0.9	49.9
70.00	69.99	-0.16	-0.55	0.6	253.9	0.4	56.3
80.00	79.99	-0.03	-0.46	0.5	265.9	1.9	10.5
90.00	89.98	0.30	-0.39	0.5	307.5	1.8	19.6
100.00	99.98	0.36	-0.48	0.6	306.7	1.4	273.3
110.00	109.97	0.43	-0.73	0.8	300.5	1.7	289.4
120.00	119.97	0.60	-1.06	1.2	299.6	2.8	302.2
130.00	129.95	0.91	-1.52	1.8	300.9	3.1	306.1
140.00	139.93	1.26	-2.03	2.4	301.9	3.5	312.4
150.00	149.90	1.88	-2.54	3.2	306.5	5.4	339.1
160.00	159.85	2.75	-2.94	4.0	313.1	5.6	337.9
170.00	169.80	3.69	-3.32	5.0	318.0	6.0	341.5
180.00	179.74	4.67	-3.79	6.0	320.9	6.4	339.0
190.00	189.67	5.68	-4.41	7.2	322.2	7.1	316.1
200.00	199.59	6.71	-5.06	8.4	323.0	7.7	328.5
210.00	209.51	7.76	-5.72	9.6	323.6	7.5	330.2
220.00	219.43	8.85	-6.30	10.9	324.6	6.8	331.3
230.00	229.36	9.96	-6.84	12.1	325.5	7.6	333.6
240.00	239.27	11.15	-7.33	13.3	326.7	7.2	343.1
250.00	249.19	12.38	-7.62	14.5	328.4	7.6	351.7
260.00	259.11	13.53	-8.06	15.7	329.2	7.2	331.5
270.00	269.04	14.55	-8.70	17.0	329.1	7.0	333.0
280.00	278.97	15.58	-9.32	18.2	329.1	7.0	325.7
290.00	288.89	16.63	-9.96	19.4	329.1	6.9	332.2
300.00	298.82	17.69	-10.49	20.6	329.3	6.8	327.1
310.00	308.74	18.74	-11.05	21.8	329.5	6.5	337.3
320.00	318.69	19.70	-11.52	22.8	329.7	5.7	314.9
330.00	328.62	20.63	-12.09	23.9	329.6	5.9	338.4
340.00	338.57	21.50	-12.68	25.0	329.5	6.3	314.7
347.20	345.73	22.14	-13.07	25.7	329.5	7.2	339.5

COMPANY	ELI VALLEY COAL
WELL	2960
FIELD	FORDING RIVER OPERATIONS
COUNTRY	CANADA
PROVINCE	BRITISH COLUMBIA
LOCATION	N/A
SECTION	N/A
TOWNSHIP	N/A
RANGE	N/A
LICENCE NO.	N/A
UNIQUE WELL ID.	N/A
PERMANENT DATUM	3L
LOG MEASURED FROM GL.	ELEVATION RB N/A
DRILL MEASURED FROM GL.	ELEVATION DF N/A
DATE	07/13/07
DEPTH DRILLER	264.00
BIT SIZE	13.34
LOG TOP	0.00
LOG BOTTOM	252.97
CASING LOGGER	3.00
CASING DRILLER	N/A
CASING TYPE	N/A
BOREROLE FLUID	WATER
BM TEMPERATURE	N/A
MUD RES	N/A
MUD WEIGHT	1.0
WITNESSED BY	N/A
RECORDED BY	A. SPAGNY
REMARKS 1	
REMARKS 2	

DENSITY OPEN HOLE 1:200 2960 07/13/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.34
 PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/13/2007 VERSION = 3.64EK



DENSITY OPEN HOLE 1:200 2960 07/13/07

LOG PARAMETERS

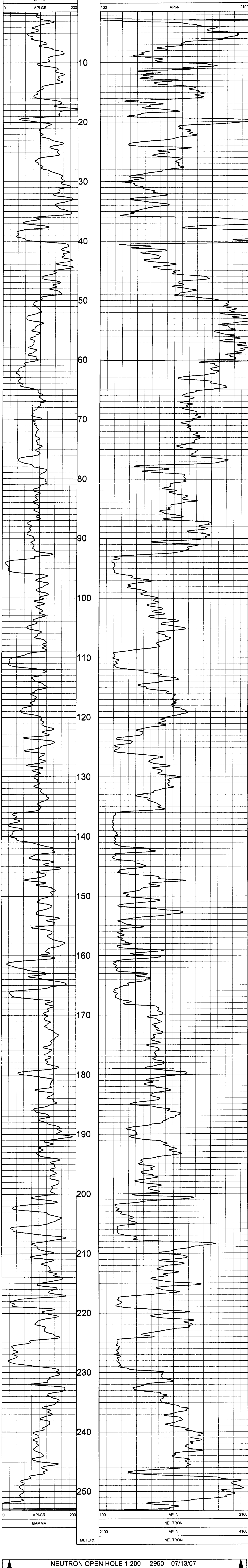
MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.34
 PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/13/2007 VERSION = 3.64EK

COMPANY	ELK VALLEY COAL	OTHER SERVICES	DENSITY
WELL	2960		
FIELD	FORDING RIVER OPERATIONS		
COUNTRY	CANADA		
PROVINCE	BRITISH COLUMBIA		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENCE NO.	N/A		
UNIQUE WELL ID	N/A	ELEVATION 18	N/A
PERMANENT DATA	GL	ELEVATION 19	N/A
LOG MEASURED FROM GL		ELEVATION 20	N/A
DRL MEASURED FROM GL		ELEVATION 21	N/A
DATE	07/13/07		
DEPTH DRILLER	254.00		
BIT SIZE	13.34		
LOG TOP	1.39		
LOG BOTTOM	253.15		
CASING LOGGER	3.00		
CASING DRILLER	3.00		
CASING TYPE	N/A		
BOREHOLE FLUID	WATER		
RM TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	1.0		
WRITTEN BY	A. SPASNY		
RECORDED BY			
REMARKS 1			
REMARKS 2			

NEUTRON OPEN HOLE 1:200 2960 07/13/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT CUTOFF : 99999 BIT SIZE : 13.34
 PRESENTATION NAME/DATE = 9055a.0 08/03/2007 VERSION = 3.64EK



NEUTRON OPEN HOLE 1:200 2960 07/13/07

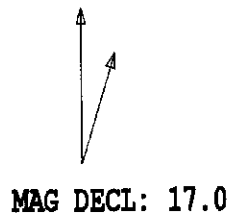
LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT CUTOFF : 99999 BIT SIZE : 13.34
 PRESENTATION NAME/DATE = 9055a.0 08/03/2007 VERSION = 3.64EK

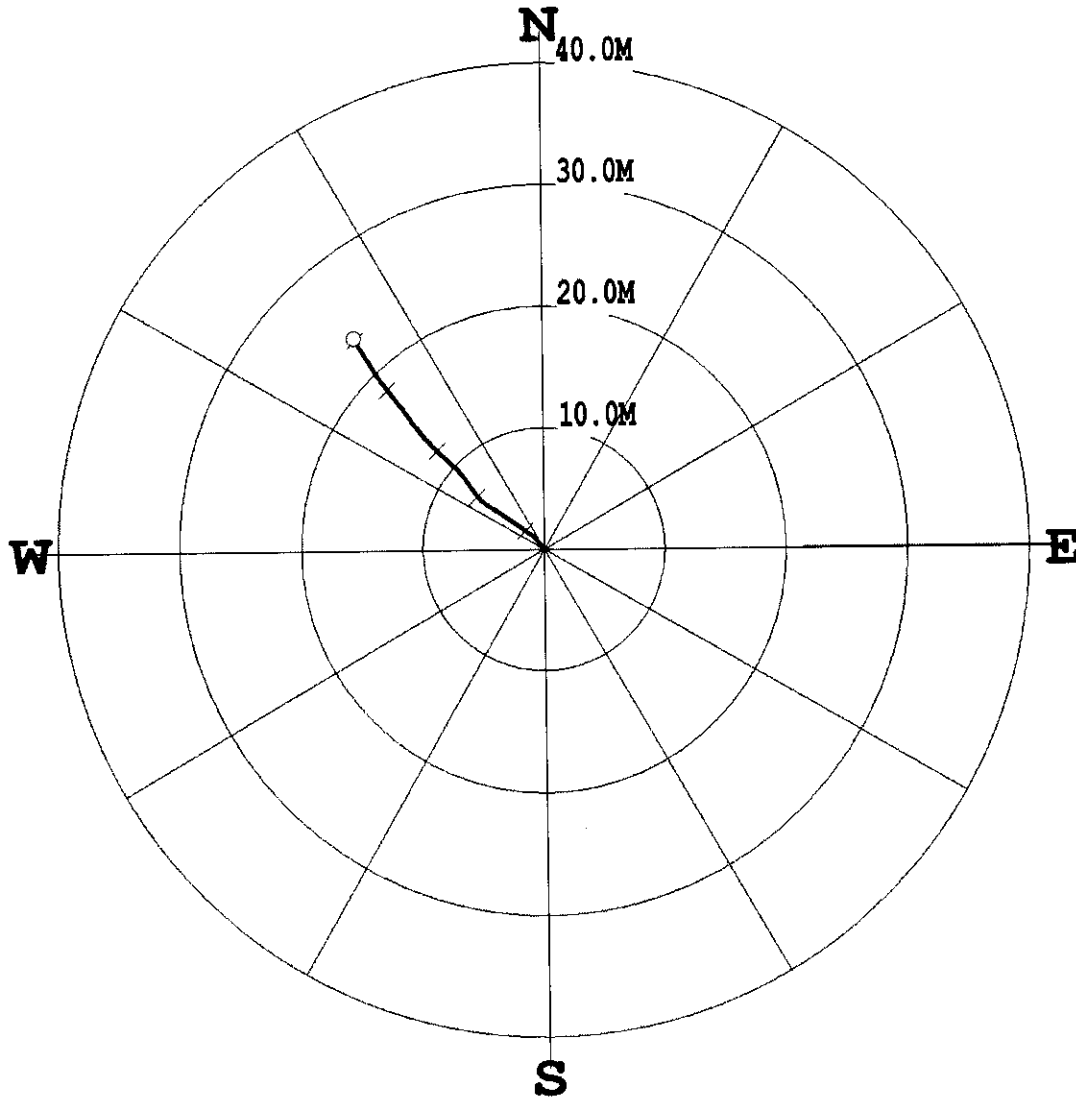
TOOL CALIBRATION 2960 07/13/07 17:35					
TOOL 9055A TM VERSION 2					
SERIAL NUMBER 237					
DATE	TIME	SENSOR	STANDARD	RESPONSE	
Mar14,07	07:58:09	GAMMA	Default	[CPS]	Default [CPS]
Mar14,07	07:58:09	GAMMA	Default	[CPS]	Default [CPS]
Mar14,07	07:58:09	POROSITY	Default	[CPS]	Default [CPS]
Mar14,07	07:58:09	RES	Default	[CPS]	Default [CPS]
Mar14,07	07:58:09	RES	Default	[CPS]	Default [CPS]
Mar14,07	07:58:09	SP	Default	[CPS]	Default [CPS]
Mar14,07	07:58:09	NEUTRON	Default	[CPS]	Default [CPS]
Mar14,07	07:58:09	NEUTRON	Default	[CPS]	Default [CPS]
Mar14,07	07:58:09	TEMP	Default	[CPS]	Default [CPS]
Mar14,07	07:58:09	TEMP	Default	[CPS]	Default [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2960
 DATE OF LOG: 07/13/07
 PROBE: 9055A 237



SCALE: 5 M/CM
 TRUE DEPTH: 251.92 M
 AZIMUTH: 318.2
 DISTANCE: 23.3 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL HOLE ID. : 2960
 FIELD OFFICE : PENHOLD DATE OF LOG : 07/13/07
 DATA FROM : N/A PROBE : 9055A , 237
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2960_07-13-07_17-35_9055A_02_5.00_253.15_DEVI.log

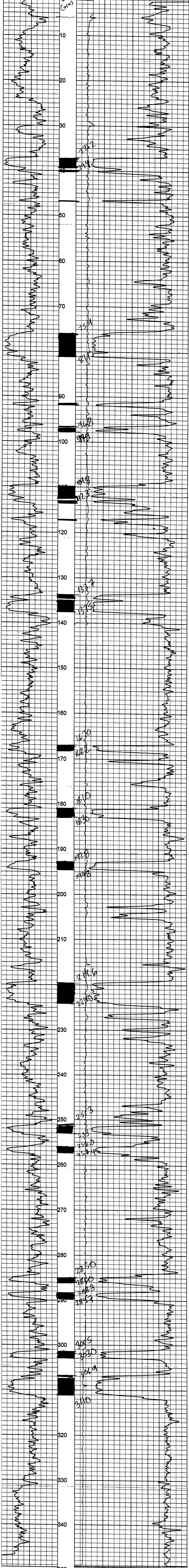
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
5.02	5.02	0.00	-0.00	0.0	317.0	0.0	317.0
10.00	10.00	0.02	-0.01	0.0	329.2	0.6	324.1
15.00	15.00	0.07	-0.05	0.1	322.7	0.9	323.8
20.00	20.00	0.16	-0.12	0.2	322.5	1.9	324.8
25.00	24.99	0.30	-0.22	0.4	323.5	2.5	320.4
30.00	29.99	0.48	-0.35	0.6	323.7	3.0	323.9
35.00	34.98	0.72	-0.56	0.9	321.9	4.3	316.6
40.00	39.96	0.98	-0.84	1.3	319.4	4.5	315.1
45.00	44.95	1.26	-1.18	1.7	316.9	5.4	304.9
50.00	49.92	1.54	-1.55	2.2	314.8	5.5	305.2
55.00	54.90	1.82	-1.94	2.7	313.1	6.0	305.9
60.00	59.87	2.11	-2.38	3.2	311.6	6.2	305.4
65.00	64.84	2.44	-2.84	3.7	310.7	6.9	304.2
70.00	69.81	2.77	-3.32	4.3	309.8	6.5	301.6
75.00	74.78	3.09	-3.77	4.9	309.3	6.3	303.7
80.00	79.75	3.37	-4.22	5.4	308.6	5.5	301.7
85.00	84.73	3.62	-4.61	5.9	308.2	4.9	305.5
90.00	89.71	3.84	-4.91	6.2	308.1	4.2	308.8
95.00	94.70	4.08	-5.18	6.6	308.3	4.3	312.7
100.00	99.68	4.36	-5.43	7.0	308.7	4.3	315.3
105.00	104.67	4.66	-5.66	7.3	309.5	4.5	328.7
110.00	109.65	5.01	-5.90	7.7	310.3	4.8	325.7
115.00	114.63	5.36	-6.16	8.2	311.0	5.2	327.7
120.00	119.61	5.74	-6.42	8.6	311.8	5.4	326.7
125.00	124.59	6.12	-6.69	9.1	312.4	5.7	321.6
130.00	129.57	6.49	-7.00	9.5	312.8	5.0	324.1
135.00	134.54	6.85	-7.38	10.1	312.9	6.6	310.4
140.00	139.51	7.23	-7.81	10.6	312.8	6.5	318.6
145.00	144.47	7.65	-8.25	11.2	312.8	7.1	318.6
150.00	149.43	8.08	-8.70	11.9	312.9	7.2	314.6
155.00	154.39	8.53	-9.14	12.5	313.0	7.1	317.0
160.00	159.35	8.99	-9.56	13.1	313.2	7.4	316.5
165.00	164.31	9.48	-9.97	13.8	313.6	7.8	322.9
170.00	169.26	10.00	-10.39	14.4	313.9	7.5	322.7
175.00	174.22	10.52	-10.79	15.1	314.3	7.6	322.0
180.00	179.18	11.08	-11.17	15.7	314.8	7.8	325.4
185.00	184.13	11.61	-11.57	16.4	315.1	7.8	319.9
190.00	189.09	12.13	-11.97	17.0	315.4	7.2	325.4
195.00	194.05	12.62	-12.35	17.7	315.6	7.2	319.4
200.00	199.01	13.09	-12.72	18.3	315.8	6.4	324.8
205.00	203.98	13.54	-13.05	18.8	316.0	6.4	324.1
210.00	208.95	13.97	-13.37	19.3	316.3	6.1	323.2
215.00	213.93	14.38	-13.67	19.8	316.5	5.8	328.1
220.00	218.90	14.80	-13.95	20.3	316.7	5.9	327.7
225.00	223.87	15.24	-14.22	20.8	317.0	5.3	323.4
230.00	228.85	15.67	-14.48	21.3	317.3	5.5	329.4
235.00	233.83	16.06	-14.73	21.8	317.5	5.7	330.7
240.00	238.80	16.46	-14.97	22.2	317.7	4.9	330.0
245.00	243.79	16.82	-15.19	22.7	317.9	4.7	329.6
250.00	248.77	17.17	-15.40	23.1	318.1	4.8	324.9
253.16	251.88	17.38	-15.52	23.3	318.2	4.7	332.0

COMPANY	ELK VALLEY COAL	OTHER SERVICES	
WELL	2962	FORGING RIVER OPERATIONS	
FIELD	CANADA	ALBERTA	
COUNTRY			
PROVINCE			
LOCATION			
SECTION			
TOWNSHIP			
RANGE			
LICENSE NO.			
UNIQUE WELL ID.			
PERMANENT DATA	SL	ELEVATION IS MIN	
LOG MEASURED FROM SL		ELEVATION IS MAX	
DATE MEASURED FROM SL			
DATE	06/28/07		
DEPTH DRILLER	500		
BIT SIZE	13.00		
LOG TOP	0.00		
LOG BOTTOM	348.40		
CASING LOGGER	N/A		
CASING DRILLER	8		
CASING TYPE	N/A		
ROTHWELL FLUID	WATER		
PH TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	11.0		
WITNESSED BY	N/A		
RECORDED BY	S. BERNIER		
REMARKS 1			
REMARKS 2			

1:200 COMPENSATED DENSITY 2962 06/28/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 0 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 9139-PRINT.0 06/08/2007 VERSION = 3.64EK



1:200 COMPENSATED DENSITY 2962 06/28/07

LOG PARAMETERS

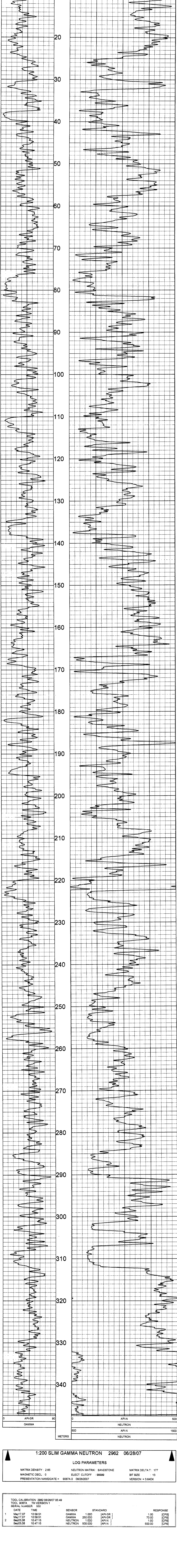
MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 0 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 9139-PRINT.0 06/08/2007 VERSION = 3.64EK

COMPANY	EMERALD COAL	OTHER SERVICES	
WELL	2962		
FIELD	FORDING RIVER OPERATIONS		
COUNTRY	CANADA		
PROVINCE	ALBERTA		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENCE NO.	N/A		
LINKAGE NO.	N/A		
PERMITS/DATA	061		
LOG MEASURED FROM TO		ELEVATION TO N/A	
ELEVATION TO N/A		ELEVATION TO N/A	
DATE	06/28/07		
DEPTH DRILLER	300		
BIT SIZE	13		
LOG TOP	0.30		
LOG BOTTOM	347.30		
CASING LOGGER	N/A		
CASING TYPE	5		
SPRING FLUID	WATER		
SPRING TEMPERATURE	N/A		
MUD WEIGHT	1.0		
WITNESSED BY	N/A		
RECORDED BY	B. BERINGER		
REMARKS 1			
REMARKS 2			

1:200 SLIM GAMMA NEUTRON 2962 06/28/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 0 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9087A.0 06/28/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2962 06/28/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 0 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9087A.0 06/28/2007 VERSION = 3.64EK

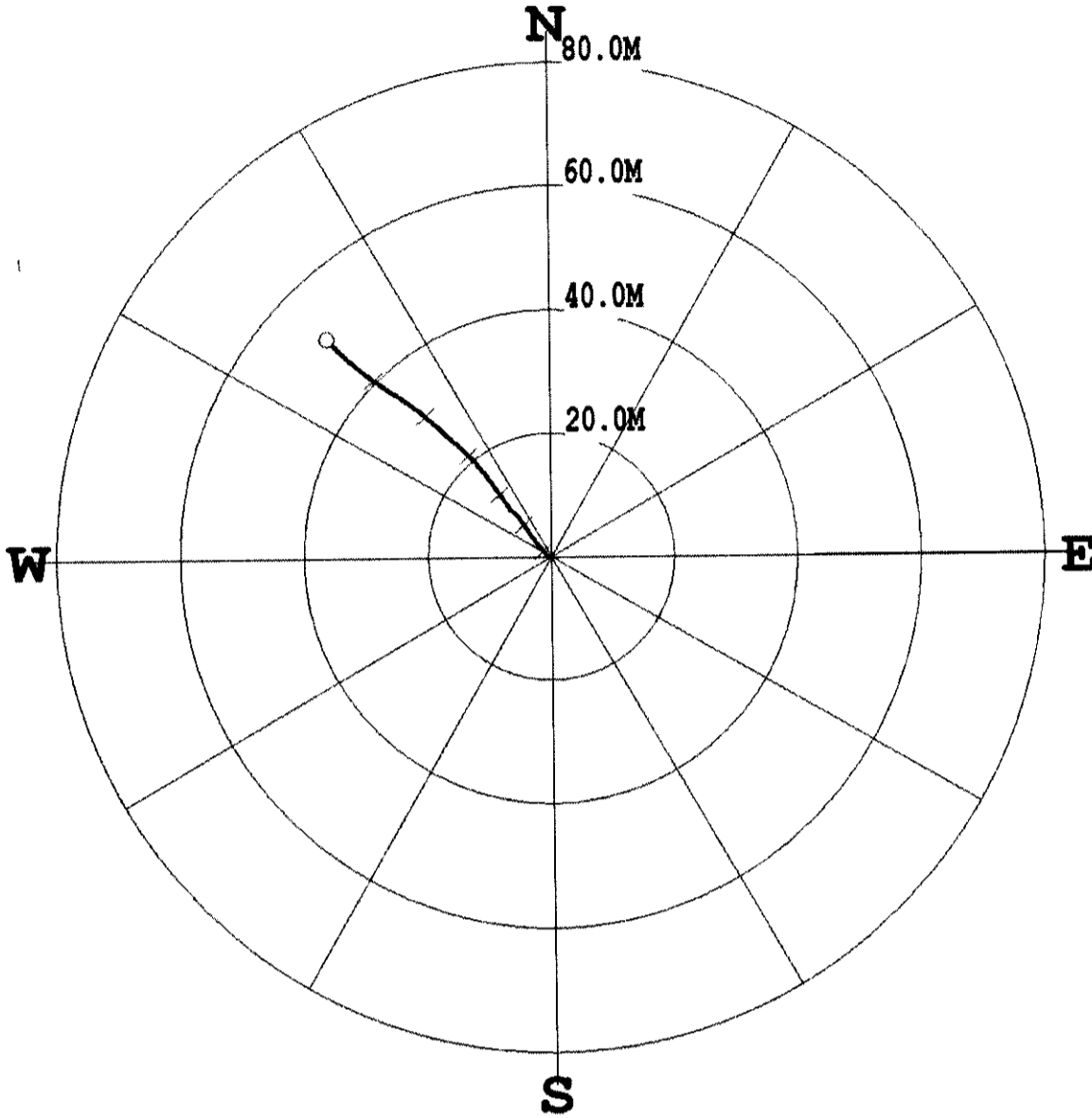
TOOL CALIBRATION 2962 06/28/07 05:49		SERIAL NUMBER 550	
DATE	TIME	SENSOR	STANDARD
1	May17.07 10:59:51	GAMMA	1.000 [API-GR]
	May17.07 10:58:51	GAMMA	250.000 [API-GR]
2	Sep03.06 10:47:15	NEUTRON	1.000 [API-N]
	Sep03.06 10:47:15	NEUTRON	500.000 [API-N]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2962
 DATE OF LOG: 06/28/07
 PROBE: 9057A 1067



SCALE: 10 M/CM
 TRUE DEPTH: 344.69 M
 AZIMUTH: 314.5
 DISTANCE: 50.4 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL HOLE ID. : 2962
 FIELD OFFICE : PENHOLD DATE OF LOG : 06/28/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2962_06-28-07_11-24_9057A_1_9.70_349.10_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
11.60	11.60	0.00	-0.00	0.0	292.9	1.4	292.9
20.00	20.00	0.01	-0.20	0.2	273.1	1.2	260.1
30.00	29.99	0.02	-0.48	0.5	272.4	2.1	283.0
40.00	39.98	0.20	-0.79	0.8	284.3	3.9	333.6
50.00	49.95	0.88	-1.28	1.6	304.4	5.1	320.1
60.00	59.91	1.58	-1.84	2.4	310.5	4.8	300.7
70.00	69.86	2.36	-2.47	3.4	313.7	5.9	325.0
80.00	79.80	3.22	-3.11	4.5	316.0	6.3	328.3
90.00	89.74	4.13	-3.75	5.6	317.8	6.6	328.0
100.00	99.66	5.13	-4.40	6.8	319.4	7.3	328.6
110.00	109.58	6.19	-5.13	8.0	320.3	7.7	330.6
120.00	119.52	7.00	-5.88	9.1	320.0	6.1	311.9
130.00	129.46	7.69	-6.68	10.2	319.0	5.4	319.3
140.00	139.36	8.85	-7.43	11.6	320.0	8.2	324.7
150.00	149.26	10.03	-8.27	13.0	320.5	8.7	323.8
160.00	159.14	11.27	-9.13	14.5	321.0	8.8	326.4
170.00	169.02	12.54	-10.03	16.1	321.3	9.0	327.0
180.00	178.90	13.80	-10.96	17.6	321.5	8.8	322.7
190.00	188.76	15.04	-12.00	19.2	321.4	9.4	320.7
200.00	198.62	16.27	-13.12	20.9	321.1	10.0	318.3
210.00	208.46	17.55	-14.41	22.7	320.6	10.8	315.0
220.00	218.27	18.84	-15.86	24.6	319.9	11.1	312.9
230.00	228.09	20.11	-17.26	26.5	319.4	10.6	313.3
240.00	237.92	21.33	-18.60	28.3	318.9	10.3	312.3
250.00	247.75	22.54	-19.96	30.1	318.5	10.7	306.9
260.00	257.58	23.72	-21.38	31.9	318.0	10.8	308.6
270.00	267.39	24.88	-22.91	33.8	317.4	11.4	303.9
280.00	277.17	26.08	-24.61	35.9	316.7	12.3	306.6
290.00	286.98	27.11	-26.26	37.7	315.9	10.9	295.3
300.00	296.76	28.30	-27.94	39.8	315.4	12.2	306.5
310.00	306.54	29.56	-29.64	41.9	314.9	12.0	309.0
320.00	316.31	30.89	-31.28	44.0	314.6	12.5	311.3
330.00	326.07	32.36	-32.92	46.2	314.5	12.8	315.6
340.00	335.82	33.89	-34.53	48.4	314.5	13.2	314.8
349.10	344.49	35.30	-35.93	50.4	314.5	12.9	316.2

COMPANY: ELK VALLEY COAL
WELL: 2963
FIELD: FORDING RIVER OPERATIONS
COUNTRY: CANADA
PROVINCE: BRITISH COLUMBIA

OTHER SERVICES:
2963
DBV

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
LICENCE NO.: N/A
UNIQUE WELL ID.: N/A

PERMANENT DATUM: G.L.
LOG MEASURED FROM: G.L.
DATE: 07/12/07
DEPTH DRILLER: 2963.00
BIT SIZE: 13.34

ELEVATION NS: N/A
ELEVATION DR: N/A
ELEVATION GL: N/A

LOG TOP: 2.89
LOG BOTTOM: 236.36
CASING LOGGER: 8.00
CASING DRILLER: N/A
CASING TYPE: N/A
BOREHOLE FLUID: WATER
NAI TEMPERATURE: N/A
MUD RES: 1.10
MUD WEIGHT: N/A
RECORDED BY: A. SPASNY
REMARKS 1:
REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

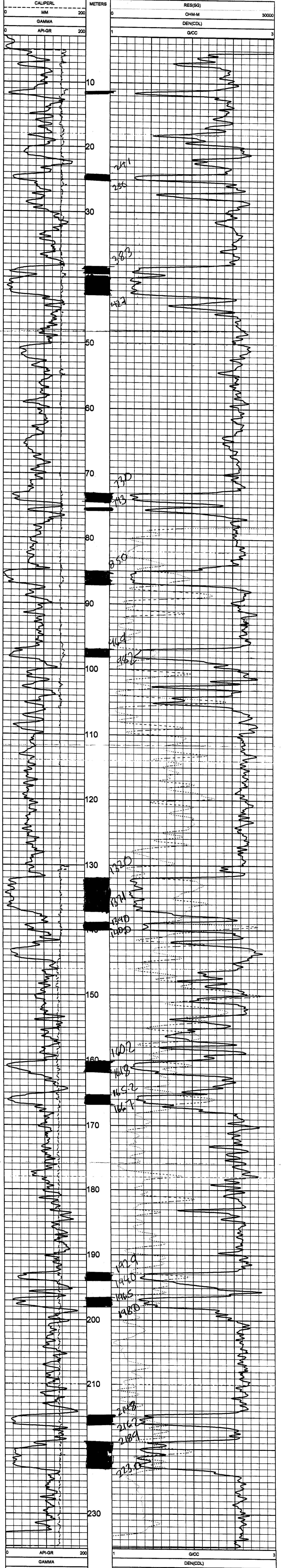
DENSITY OPEN HOLE 1:200 2963 07/12/07

LOG PARAMETERS

MATRIX DENSITY: 2.65
MAGNETIC DECL: 17
PRESENTATION NAME/DATE: 9139-PRINT-RES.0 07/13/2007

NEUTRON MATRIX: SANDSTONE
ELECT. CUTOFF: 99999

MATRIX DELTA T: 177
BIT SIZE: 13.34
VERSION: 3.84EK



COMPANY: ELK VALLEY COAL
WELL: 2963
FIELD: FORDING RIVER OPERATIONS
COUNTRY: CANADA
PROVINCE: BRITISH COLUMBIA

OTHER SERVICES: DENSITY

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
LICENCE NO.: N/A
LIQUID WELL ID: N/A

PERMANENT DATUM: GCL
LOG MEASURED FROM: GCL
ELEVATION: N/A
ELEVATION OF N/A
ELEVATION OF N/A
DRI. MEASURED FROM: GCL

DATE: 07/12/07
DEPTH DRILLER: 236.00
BIT SIZE: 13.34
LOG TOP: 1.35
LOG BOTTOM: 235.46
CASING LOGGER: 6.00
CASING DRILLER: 6.00

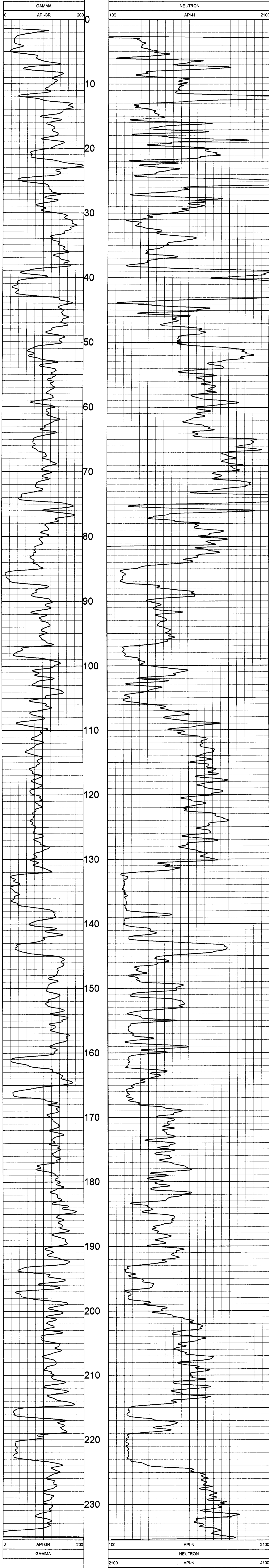
CASING TYPE: N/A
BORHOLE FLUID: WATER
RM TEMPERATURE: N/A
MUD RES: N/A
MUD WEIGHT: 1.10
WRITTEN BY: A. SPASANY
RECORDED BY:
REMARKS 1:
REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

NEUTRON OPEN HOLE 1:200 2963 07/12/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.34
PRESENTATION NAME/DATE = 9055A.0 06/03/2007 VERSION = 3.64EK



NEUTRON OPEN HOLE 1:200 2963 07/12/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.34
PRESENTATION NAME/DATE = 9055A.0 06/03/2007 VERSION = 3.64EK

TOOL CALIBRATION 2963 07/12/07 16:41
TOOL 9055A TM VERSION 2
SERIAL NUMBER 237

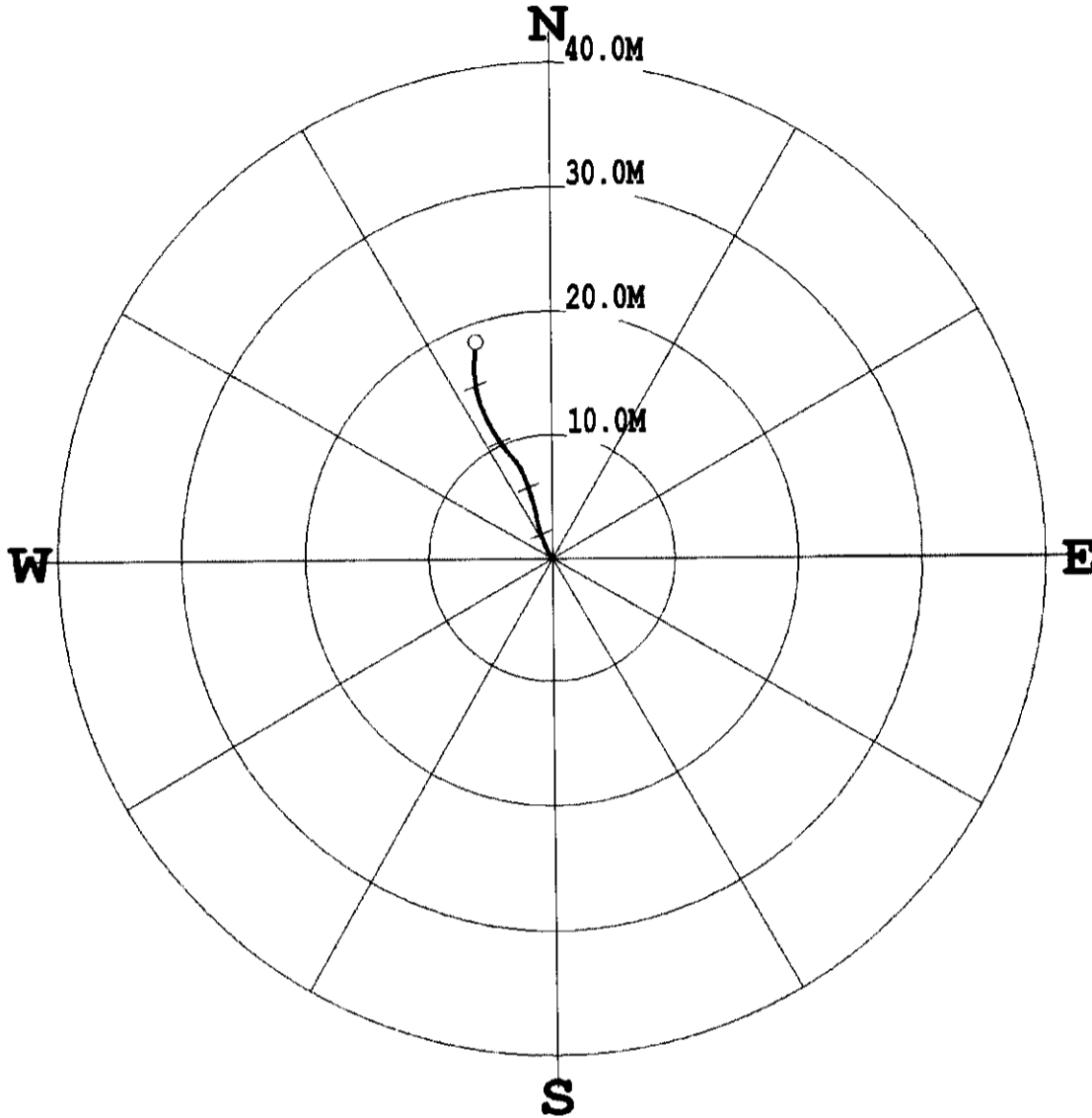
DATE	TIME	SENSOR	STANDARD	RESPONSE
Mar14.07	07:58:09	GAMMA	Default [CPS]	Default [CPS]
Mar14.07	07:58:09	GAMMA	Default [CPS]	Default [CPS]
Mar14.07	07:58:09	POROSITY	Default [CPS]	Default [CPS]
Mar14.07	07:58:09	RES	Default [CPS]	Default [CPS]
Mar14.07	07:58:09	RES	Default [CPS]	Default [CPS]
Mar14.07	07:58:09	SP	Default [CPS]	Default [CPS]
Mar14.07	07:58:09	SP	Default [CPS]	Default [CPS]
Mar14.07	07:58:09	NEUTRON	Default [CPS]	Default [CPS]
Mar14.07	07:58:09	NEUTRON	Default [CPS]	Default [CPS]
Mar14.07	07:58:09	TEMP	Default [CPS]	Default [CPS]
Mar14.07	07:58:09	TEMP	Default [CPS]	Default [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2963
 DATE OF LOG: 07/12/07
 PROBE: 9055A 237



SCALE: 5 M/CM
 TRUE DEPTH: 234.62 M
 AZIMUTH: 340.9
 DISTANCE: 18.5 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL	HOLE ID. : 2963
FIELD OFFICE : PENHOLD	DATE OF LOG : 07/12/07
DATA FROM : N/A	PROBE : 9055A , 237
MAG. DECL. : 17.000	DEPTH UNITS : METERS
LOG: 2963_07-12-07_16-41_9055A_.02_7.00_235.46_DEVI.log	

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
7.02	7.02	-0.00	-0.00	0.0	207.5	0.4	207.5
12.00	12.00	0.06	-0.04	0.1	327.3	1.6	328.9
17.00	17.00	0.21	-0.15	0.3	324.8	2.5	316.7
22.00	21.99	0.40	-0.27	0.5	326.4	2.7	329.1
27.00	26.98	0.62	-0.39	0.7	328.0	2.9	330.1
32.00	31.98	0.86	-0.50	1.0	329.7	3.2	340.8
37.00	36.97	1.13	-0.62	1.3	331.5	3.7	338.1
42.00	41.96	1.43	-0.73	1.6	332.9	3.8	339.5
47.00	46.95	1.75	-0.85	1.9	334.1	3.9	338.8
52.00	51.94	2.07	-0.96	2.3	335.1	3.9	341.4
57.00	56.92	2.42	-1.06	2.6	336.3	4.4	348.3
62.00	61.91	2.81	-1.16	3.0	337.6	4.6	347.8
67.00	66.89	3.20	-1.23	3.4	339.0	4.3	356.2
72.00	71.87	3.61	-1.31	3.8	340.1	4.5	348.7
77.00	76.85	4.03	-1.40	4.3	340.8	4.9	348.3
82.00	81.84	4.43	-1.49	4.7	341.4	4.3	343.7
87.00	86.82	4.79	-1.61	5.1	341.4	4.4	341.5
92.00	91.81	5.16	-1.73	5.4	341.5	4.5	344.5
97.00	96.79	5.52	-1.85	5.8	341.5	4.4	343.5
102.00	101.78	5.87	-1.97	6.2	341.5	4.2	340.7
107.00	106.76	6.22	-2.09	6.6	341.4	4.5	337.8
112.00	111.75	6.58	-2.23	6.9	341.3	4.1	340.4
117.00	116.73	6.94	-2.37	7.3	341.1	4.6	337.9
122.00	121.72	7.30	-2.55	7.7	340.7	4.9	327.2
127.00	126.70	7.66	-2.78	8.2	340.1	5.1	327.3
132.00	131.68	8.04	-3.07	8.6	339.1	5.2	320.3
137.00	136.66	8.39	-3.36	9.0	338.2	6.3	321.9
142.00	141.63	8.77	-3.66	9.5	337.3	5.3	320.1
147.00	146.61	9.14	-3.96	10.0	336.6	5.5	322.4
152.00	151.59	9.54	-4.25	10.4	336.0	5.7	331.1
157.00	156.56	9.95	-4.51	10.9	335.6	5.5	329.2
162.00	161.54	10.36	-4.76	11.4	335.3	5.4	333.7
167.00	166.51	10.79	-5.00	11.9	335.2	6.0	330.4
172.00	171.49	11.24	-5.23	12.4	335.1	5.6	333.0
177.00	176.46	11.70	-5.44	12.9	335.1	5.8	335.6
182.00	181.44	12.16	-5.63	13.4	335.2	5.6	336.7
187.00	186.41	12.63	-5.79	13.9	335.4	5.7	339.7
192.00	191.39	13.10	-5.92	14.4	335.7	5.7	345.3
197.00	196.36	13.59	-6.04	14.9	336.0	5.8	345.8
202.00	201.34	14.09	-6.12	15.4	336.5	5.8	352.3
207.00	206.31	14.59	-6.17	15.8	337.1	5.9	354.6
212.00	211.29	15.09	-6.21	16.3	337.6	5.7	355.6
217.00	216.26	15.60	-6.22	16.8	338.3	5.9	359.1
222.00	221.23	16.11	-6.19	17.3	339.0	6.0	4.3
227.00	226.21	16.64	-6.16	17.7	339.7	5.9	4.0
232.00	231.18	17.12	-6.09	18.2	340.4	5.7	9.5
235.46	234.58	17.47	-6.05	18.5	340.9	5.7	7.4

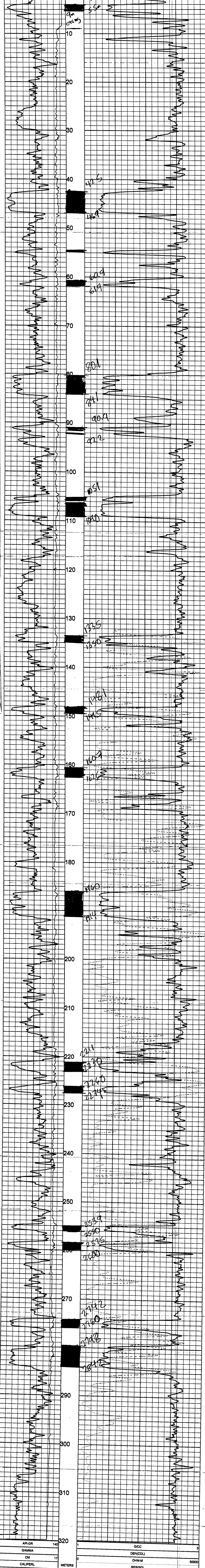
2965

COMPANY	ESTERLEY COAL	OTHER SERVICES	
WELL	2965	FORBES RIVER OPERATIONS	
COUNTRY	ALBERTA		
PROVINCE	ALBERTA		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENSE NO.	N/A		
UNIQUE WELL ID.	N/A	ELEVATION 1B N/A	
PERMITS/DATA	SL	ELEVATION 1F N/A	
LOG MEASURED FROM SL		ELEVATION 0L N/A	
DATE	07/07/2007		
DEPTH DRILLER	234		
BIT SIZE	13.00		
LOG TOP	0.54		
LOG BOTTOM	321.98		
CASING LOGGER	N/A		
CASING DRILLER	9		
CASING TYPE	N/A		
BOREHOLE FLUID	WATER		
RAM TEMPERATURE	N/A		
MUD RES	1.0		
MUD WEIGHT	N/A		
RECORDED BY	S. BRINGER		
REMARKS 1			
REMARKS 2			

1:200 COMPENSATED DENSITY 2965 07/08/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007 VERSION = 3.64EK



1:200 COMPENSATED DENSITY 2965 07/08/07

LOG PARAMETERS

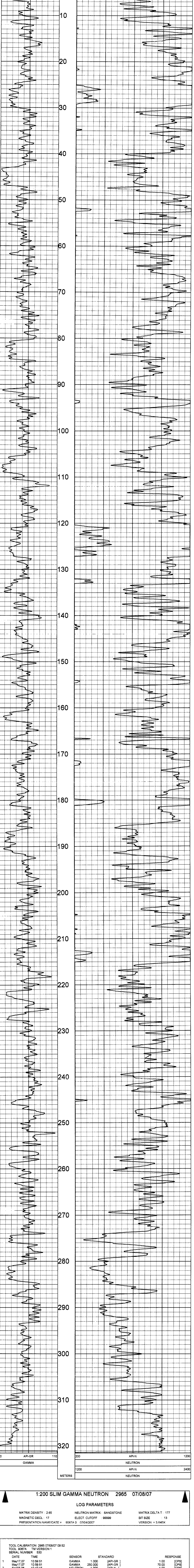
MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007 VERSION = 3.64EK

COMPANY	ELK VALLEY COAL	OTHER SERVICES	9657 9239
WELL	2965		
FIELD	FORBING RIVER OPERATIONS		
COUNTRY	CANADA		
PROVINCE	ALBERTA		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LENDICE NO.	N/A		
UNIQUE WELL ID.	N/A		
PERMANENT DATUM	GL	ELEVATION TO N/A	
LOG MEASURED FROM	GL	ELEVATION TO N/A	
DIPL. MEASURED FROM	GL	ELEVATION TO N/A	
DATE	07/08/07		
DEPTH DRILLER	324		
BIT SIZE	13		
LOG TOP	0.83		
LOG BOTTOM	321.46		
CASING LOGGER	N/A		
CASING DRILLER	9		
CASING TYPE	N/A		
BORERHOLE FLUID	WATER		
RHM TEMPERATURE	N/A		
MUD WEIGHT	1.0		
WITNESSED BY	N/A		
RECORDED BY	B. BENINGER		
REMARKS 1			
REMARKS 2			

1:200 SLIM GAMMA NEUTRON 2965 07/08/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9087A 0 07/04/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2965 07/08/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9087A 0 07/04/2007 VERSION = 3.64EK

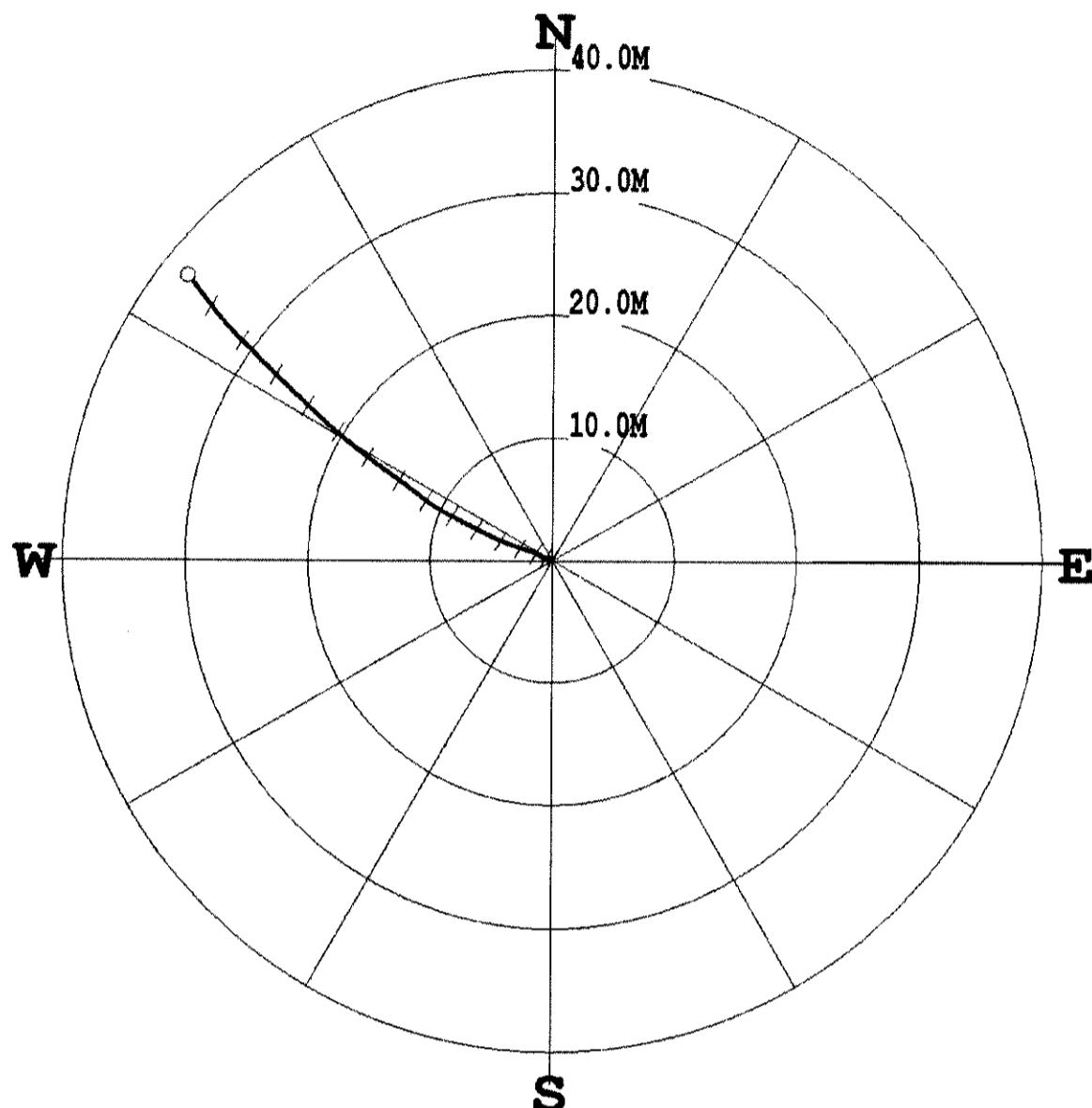
TOOL CALIBRATION 2965 07/08/07 09:52		TOOL 9087A TM VERSION 1		SERIAL NUMBER 530	
DATE	TIME	SENSOR	STANDARD	RESPONSE	
1	May17.07 10:58:51	GAMMA	1 000 [API-GR]	70.00	[CPS]
	May17.07 10:59:51	GAMMA	250 000 [API-GR]	1.00	[CPS]
2	Sep03.06 10:47:15	NEUTRON	1 000 [API-N]	1.00	[CPS]
	Sep03.06 10:47:15	NEUTRON	500 000 [API-N]	500.00	[CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2965
 DATE OF LOG: 07/16/07
 PROBE: 9057A 1067



SCALE: 5 M/CM
 TRUE DEPTH: 316.63 M
 AZIMUTH: 307.8
 DISTANCE: 37.8 M
 + = 20 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL HOLE ID. : 2965
 FIELD OFFICE : PENHOLD DATE OF LOG : 07/16/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2965_07-16-07_13-20_9057A_1_16.10_319.50_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.00	20.00	0.05	-0.03	0.1	329.0	1.5	329.5
30.00	30.00	0.18	-0.25	0.3	305.2	1.5	285.2
40.00	39.99	0.23	-0.52	0.6	293.6	1.9	276.9
50.00	49.98	0.29	-0.88	0.9	288.6	2.9	307.0
60.00	59.97	0.58	-1.32	1.4	293.8	3.5	301.5
70.00	69.95	0.79	-1.92	2.1	292.3	4.0	286.0
80.00	79.92	1.01	-2.61	2.8	291.2	4.3	288.4
90.00	89.89	1.28	-3.35	3.6	290.9	5.4	294.6
100.00	99.85	1.61	-4.20	4.5	290.9	5.6	286.1
110.00	109.80	2.03	-5.14	5.5	291.5	6.0	298.3
120.00	119.73	2.52	-6.14	6.6	292.4	6.5	296.3
130.00	129.67	3.04	-7.15	7.8	293.0	6.5	297.4
140.00	139.60	3.56	-8.18	8.9	293.6	6.9	298.0
150.00	149.53	4.13	-9.22	10.1	294.1	6.9	295.2
160.00	159.45	4.82	-10.27	11.3	295.1	7.4	306.0
170.00	169.37	5.61	-11.30	12.6	296.4	7.7	307.3
180.00	179.26	6.47	-12.45	14.0	297.5	8.8	307.0
190.00	189.14	7.38	-13.73	15.6	298.3	9.1	305.2
200.00	199.01	8.31	-15.02	17.2	298.9	9.4	308.1
210.00	208.89	9.28	-16.26	18.7	299.7	8.8	308.7
220.00	218.77	10.26	-17.45	20.2	300.4	8.9	310.4
230.00	228.64	11.29	-18.64	21.8	301.2	9.2	312.9
240.00	238.51	12.39	-19.85	23.4	302.0	9.9	313.7
250.00	248.36	13.58	-21.10	25.1	302.8	10.1	314.0
260.00	258.19	14.83	-22.43	26.9	303.5	10.5	312.2
270.00	268.01	16.13	-23.78	28.7	304.1	11.1	315.0
280.00	277.82	17.51	-25.14	30.6	304.8	11.1	315.5
290.00	287.64	18.90	-26.46	32.5	305.5	10.9	317.8
300.00	297.46	20.32	-27.66	34.3	306.3	10.5	321.2
310.00	307.30	21.76	-28.78	36.1	307.1	10.6	321.1
319.50	316.43	23.13	-29.84	37.8	307.8	10.8	322.2

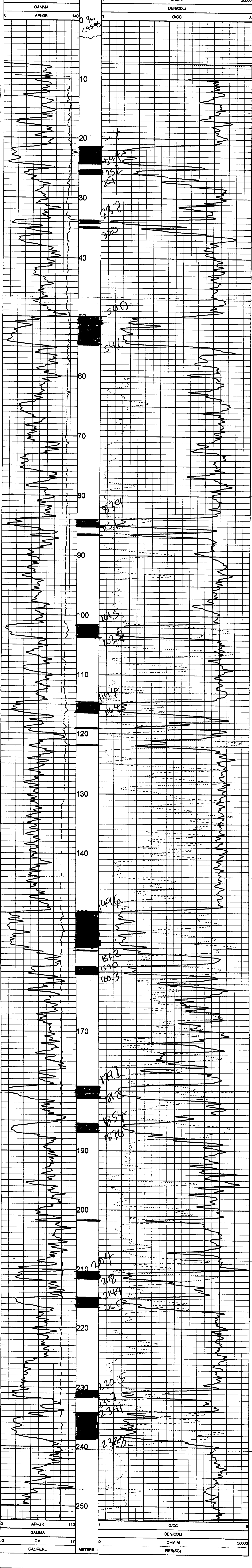
2965

COMPANY	ELK VALLEY COAL	OTHER SERVICES
WELL	2965	9057
FIELD	FORDING RIVER OPERATION	9057
COUNTRY	CANADA	9057
PROVINCE	ALBERTA	
LOCATION	N/A	
SECTION	N/A	
TOWNSHIP	N/A	
RANGE	N/A	
LICENSE NO.	N/A	
UNIQUE WELL ID.	N/A	
PERMANENT DATUM	SEL	ELEVATION ID: N/A
LOG MEASURED FROM SL		ELEVATION OF: N/A
DIRL MEASURED FROM SL		ELEVATION GL: N/A
DATE	07/10/07	
DEPTH DRILLER	324	
BIT SIZE	13.00	
LOG TOP	7.25	
LOG BOTTOM	232.41	
CASING LOGGER	N/A	
CASING DRILLER	9	
CASING TYPE	N/A	
BOREROLE FLUID	WATER	
RM TEMPERATURE	N/A	
MUD RES	N/A	
MUD WEIGHT	1.10	
WITNESSED BY	N/A	
RECORDED BY	S. BENINGER	
REMARKS 1		
REMARKS 2		

1:200 COMPENSATED DENSITY 2965 07/10/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007 VERSION = 3.64EK



1:200 COMPENSATED DENSITY 2965 07/10/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007 VERSION = 3.64EK

COMPANY: ELK VALLEY COAL
WELL: 2966
FIELD: FORDING RIVER OPERATIONS
COUNTRY: CANADA
PROVINCE: ALBERTA
OTHER SERVICES: 9057

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
LICENSE NO.: N/A
UNIQUE WELL ID: N/A

PERMANENT DATUM: SL
LOG MEASURED FROM: GL
DNL MEASURED FROM: GL
ELEVATION RB: N/A
ELEVATION DF: N/A
ELEVATION GL: N/A

DATE: 07/10/07
DEPTH DRILLER: 253
BIT SIZE: 13

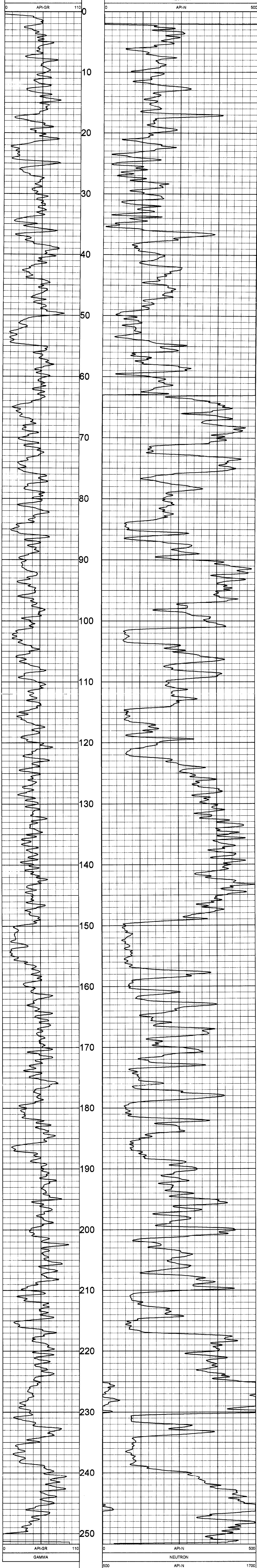
LOG TOP: 0.42
LOG BOTTOM: 251.86
CASING LOGGER: N/A
CASING DRILLER: 3
CASING TYPE: N/A
BORINGHOLE FLUID: WATER
RM TEMPERATURE: N/A
MUD RES: N/A
MUD WEIGHT: 1.0
WRITTEN BY: B. BERINGER
RECORDED BY:
REMARKS 1:
REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 SLIM GAMMA NEUTRON 2966 07/10/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE = 9067A.0 07/04/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2966 07/10/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE = 9067A.0 07/04/2007 VERSION = 3.64EK

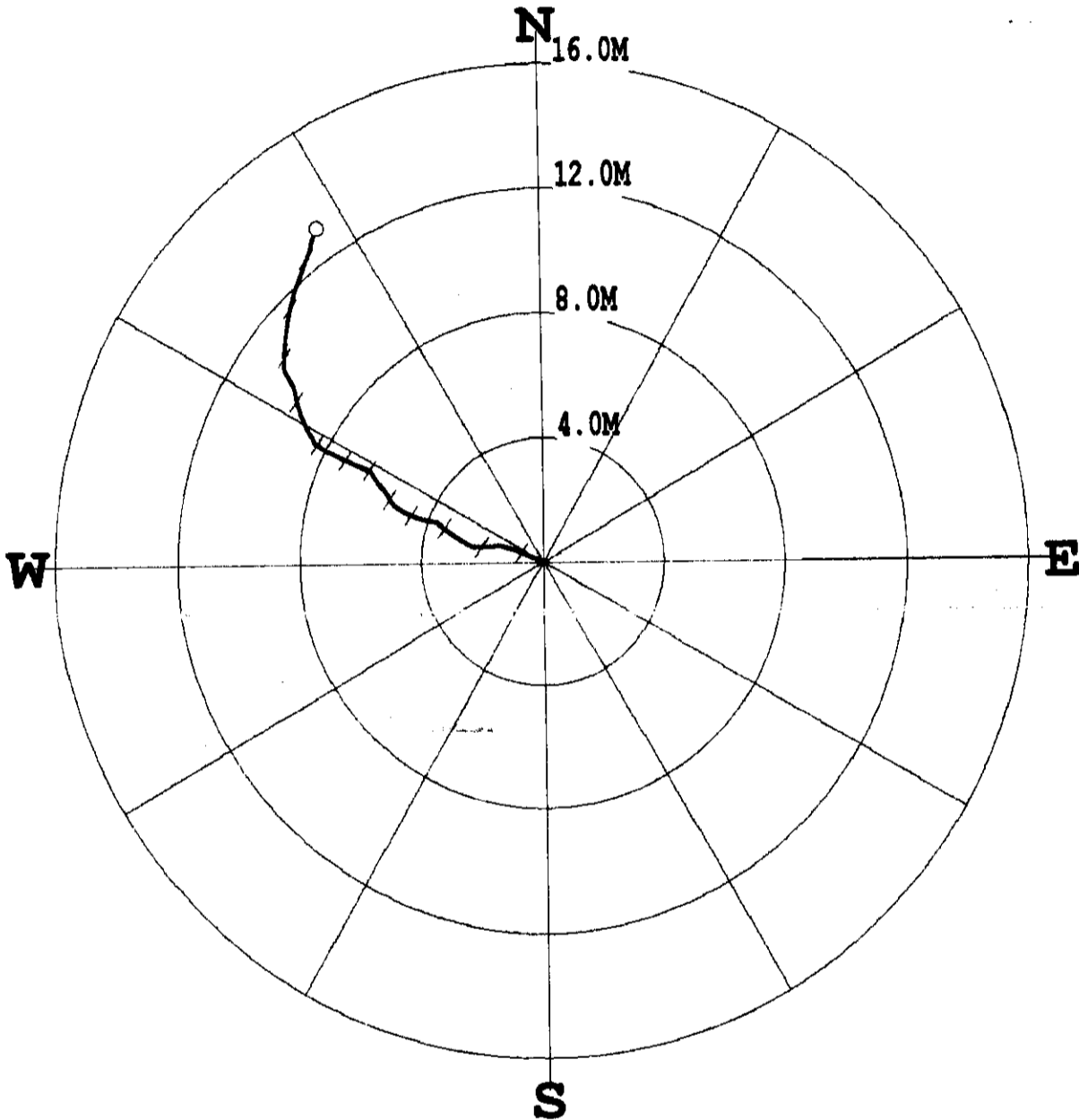
TOOL CALIBRATION 2966 07/10/07 08:00			
TOOL 9067A TM VERSION 1		SERIAL NUMBER 530	
DATE	TIME	SENSOR	STANDARD
1	May17,07 10:59:51	GAMMA	1.000 [API-GR]
	May17,07 10:59:51	GAMMA	250.000 [API-GR]
2	Sep03,06 10:47:15	NEUTRON	1.000 [API-N]
	Sep03,06 10:47:15	NEUTRON	500.000 [API-N]
		RESPONSE	
			1.00 [CPS]
			70.00 [CPS]
			1.00 [CPS]
			500.00 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2966
 DATE OF LOG: 08/01/07
 PROBE: 9057A 1067



SCALE: 2 M/CM
 TRUE DEPTH: 251.95 M
 AZIMUTH: 325.9
 DISTANCE: 13.0 M
 + = 20 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL COR HOLE ID. : 2966
 FIELD OFFICE : PENHOLD DATE OF LOG : 08/01/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2966_08-01-07_16-40_9057A_.02_2.96_252.67_DEVI.log

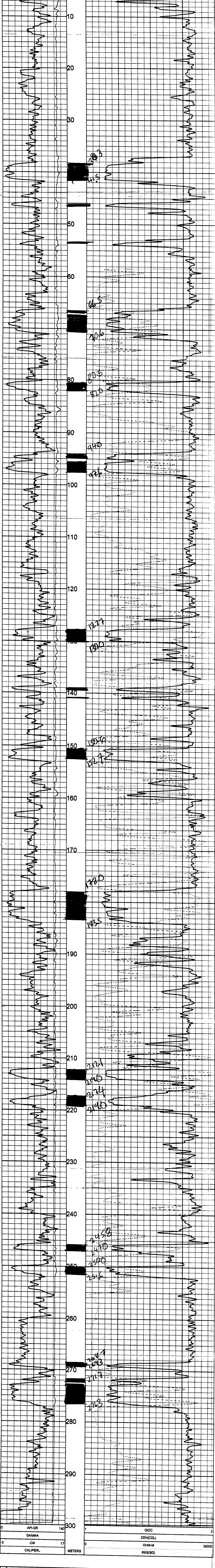
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
5.00	5.00	0.00	-0.01	0.0	303.0	1.5	305.1
15.00	14.99	0.20	-0.41	0.5	295.5	3.3	289.5
25.00	24.97	0.42	-1.02	1.1	292.2	4.1	283.2
35.00	34.94	0.51	-1.71	1.8	286.6	3.4	267.1
45.00	44.92	0.52	-2.31	2.4	282.6	3.6	272.3
55.00	54.90	0.87	-2.93	3.1	286.5	4.5	304.1
65.00	64.87	1.30	-3.56	3.8	290.0	3.7	278.2
75.00	74.85	1.43	-4.09	4.3	289.3	3.2	282.1
85.00	84.84	1.62	-4.53	4.8	289.7	2.4	297.6
95.00	94.83	1.84	-4.87	5.2	290.7	2.1	305.2
105.00	104.82	2.28	-5.19	5.7	293.7	3.4	325.7
115.00	114.80	2.76	-5.52	6.2	296.6	3.3	326.8
125.00	124.79	3.05	-5.85	6.6	297.5	2.2	293.2
135.00	134.78	3.22	-6.25	7.0	297.3	2.4	297.5
145.00	144.77	3.44	-6.71	7.5	297.2	2.6	302.3
155.00	154.75	3.69	-7.18	8.1	297.2	2.9	303.1
165.00	164.73	4.11	-7.58	8.6	298.5	4.0	320.8
175.00	174.70	4.82	-7.92	9.3	301.3	4.7	341.7
185.00	184.67	5.63	-8.12	9.9	304.7	4.7	353.4
195.00	194.64	6.22	-8.44	10.5	306.4	3.7	340.4
205.00	204.61	6.99	-8.41	10.9	309.7	4.5	5.1
215.00	214.58	7.77	-8.31	11.4	313.1	4.5	9.7
225.00	224.55	8.56	-8.12	11.8	316.5	4.9	18.9
235.00	234.52	9.35	-7.83	12.2	320.0	5.1	22.9
245.00	244.48	10.16	-7.50	12.6	323.6	4.6	5.2
252.50	251.95	10.75	-7.28	13.0	325.9	5.5	27.7

		COMPENSATED DENSITY GAMMA-CALIPER-RES 2968	
COMPANY: EL VALLEY COAL CORPORATION WELL: 2968 FIELD: FORDING RIVER OPERATOR COUNTY: CANADA STATE: BC	OTHER SERVICES: 9008 9057	2968	
LOCATION: N/A SECTION: N/A TOWNSHIP: N/A RANGE: N/A API NO.: N/A UNIQUE WELL ID.: N/A	PERMANENT DATUM: 51.1 LOG MEASURED FROM: 01.1 DEPT. MEASURED FROM: 01.1 DATE: 10/20/07 DEPTH DRIILLER: 200	ELEVATION TO N/A ELEVATION OF N/A ELEVATION TO: N/A ELEVATION OF: N/A	
LOG TOP: 13.00 LOG BOTTOM: 299.79 CASING OD: N/A CASING BOTTOM: 3	BOREHOLE FLUID: WATER BOREHOLE TEMPERATURE: N/A MUD RES: N/A MUD WEIGHT: 1.0 WITNESSED BY: SLS/DLCK RECORDED BY: SLS/DLCK REMARKS 1: REMARKS 2:	ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS	

1:100 COMPENSATED DENSITY 2968 07/29/07

LOG PARAMETERS

MATRIX DENSITY : 2.65	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL. : 17.00	ELECT. CUTOFF : 99999	BIT SIZE : 13.00
PRESENTATION NAME/DATE = 9138-PRINT-RES.0 07/07/2007		VERSION = 3.64EK



1:100 COMPENSATED DENSITY 2968 07/29/07

LOG PARAMETERS

MATRIX DENSITY : 2.65	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL. : 17.00	ELECT. CUTOFF : 99999	BIT SIZE : 13.00
PRESENTATION NAME/DATE = 9138-PRINT-RES.0 07/07/2007		VERSION = 3.64EK

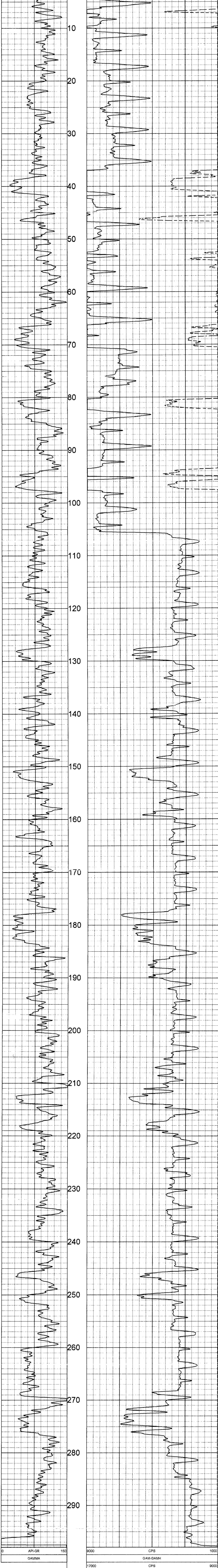
TOOL CALIBRATION 2968 07/29/07 16:13 TOOL 9139C1 TM VERSION 1014 SERIAL NUMBER 1269				
DATE	TIME	SENSOR	STANDARD	RESPONSE
Aug09.06	13:08:44	GAMMA	Default	[CPS]
Aug09.06	13:08:44	GAMMA	Default	[CPS]

Century WIRELINE SERVICES		GAMMA-DENSITY (CPS) LOG THRU DRILL PIPE 2968	
COMPANY	ELK VALLEY COAL CORPORATION	WELL	2968
FIELD	FORDING RIVER OPERATIONS	COUNTY	CANADA
STATE	SC	OTHER SERVICES	
LOCATION	N/A	SECTION	N/A
TOWNSHIP	N/A	RANGE	N/A
UNIQUE WELL ID	N/A	PERMANENT DATA	SL
LOG MEASURED FROM GL		ELEVATION OF N/A	
DATE	07/28/07	ELEVATION OF N/A	
DEPTH DRILLER	300	ELEVATION OF N/A	
LOG TOP	0.33		
LOG BOTTOM	297.88		
CASING OD	3		
CASING BOTTOM			
BORING TYPE	STEEL		
BORING FLUID	WATER		
R/T TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	1.0		
WRITTEN BY	SBS DRILLING		
RECORDED BY	BLAYLOCK		
REMARKS 1			
REMARKS 2			

1:200 SLIM GAMMA CPS 2968 07/28/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL. : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13
PRESENTATION NAME/DATE = 9068A.0 07/18/2007 VERSION = 3.64EK



1:200 SLIM GAMMA CPS 2968 07/28/07

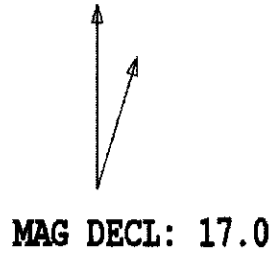
LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL. : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13
PRESENTATION NAME/DATE = 9068A.0 07/18/2007 VERSION = 3.64EK

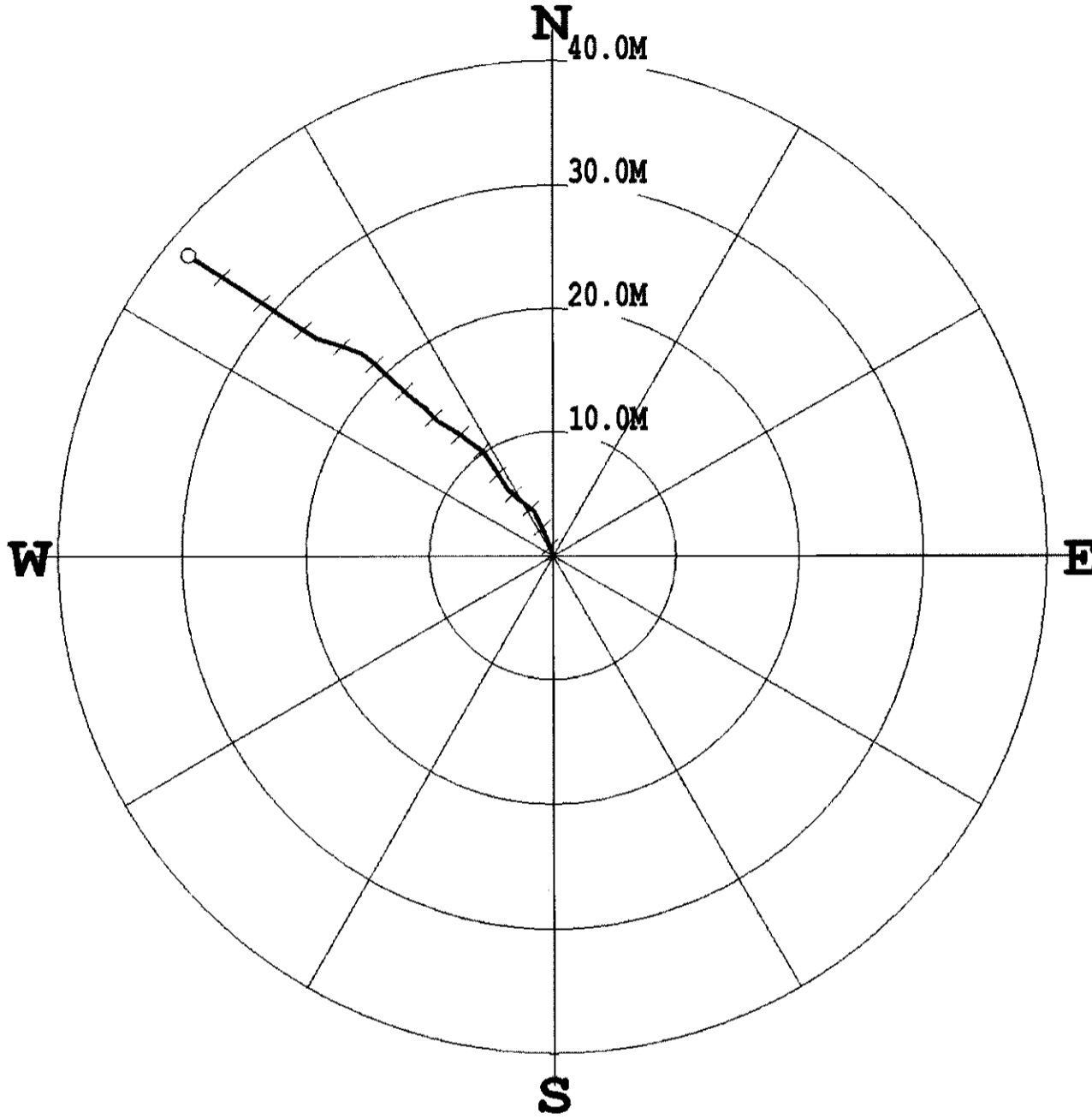
TOOL CALIBRATION	2968 07/28/07 21:43				
TOOL	9068A	TM	VERSION 1		
SERIAL NUMBER	840				
DATE	TIME	SENSOR	STANDARD	RESPONSE	
1	Jul24.06	03:48:52	GAMMA	Default	[CPS]
	Jul24.06	03:48:52	GAMMA	Default	[CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2968
 DATE OF LOG: 07/29/07
 PROBE: 9057A 1067



SCALE: 5 M/CM
 TRUE DEPTH: 296.30 M
 AZIMUTH: 309.5
 DISTANCE: 38.1 M
 + = 20 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL COR HOLE ID. : 2968
 FIELD OFFICE : PENHOLD DATE OF LOG : 07/29/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2968_07-29-07_15-15_9057A_.02_0.33_299.40_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.00	9.98	0.15	-0.05	0.2	342.5	3.1	343.1
20.00	19.96	0.71	-0.26	0.8	339.9	4.1	330.6
30.00	29.94	1.42	-0.53	1.5	339.7	4.3	338.6
40.00	39.89	2.26	-0.89	2.4	338.5	5.7	333.3
50.00	49.85	3.11	-1.30	3.4	337.3	5.5	332.7
60.00	59.81	3.80	-1.80	4.2	334.7	5.0	302.4
70.00	69.77	4.37	-2.51	5.0	330.1	5.0	306.4
80.00	79.73	4.94	-3.20	5.9	327.1	5.1	312.5
90.00	89.68	5.61	-3.83	6.8	325.7	6.3	329.9
100.00	99.62	6.55	-4.41	7.9	326.1	6.4	328.4
110.00	109.56	7.51	-5.04	9.0	326.2	6.7	326.7
120.00	119.49	8.46	-5.70	10.2	326.0	6.4	308.5
130.00	129.43	9.05	-6.58	11.2	324.0	6.1	306.4
140.00	139.37	9.72	-7.44	12.2	322.6	6.4	303.7
150.00	149.30	10.36	-8.45	13.4	320.8	7.4	297.3
160.00	159.21	11.06	-9.52	14.6	319.3	8.4	319.8
170.00	169.10	12.12	-10.60	16.1	318.8	9.0	295.1
180.00	178.96	13.16	-11.88	17.7	317.9	9.6	314.1
190.00	188.82	14.29	-13.10	19.4	317.5	9.2	312.2
200.00	198.69	15.37	-14.24	21.0	317.2	9.2	314.1
210.00	208.57	16.34	-15.45	22.5	316.6	8.7	291.8
220.00	218.46	16.86	-16.81	23.8	315.1	8.6	291.4
230.00	228.34	17.33	-18.28	25.2	313.5	9.3	284.0
240.00	238.18	18.08	-19.87	26.9	312.3	10.4	301.1
250.00	247.98	19.14	-21.55	28.8	311.6	11.5	303.2
260.00	257.80	20.21	-23.14	30.7	311.1	11.0	304.7
270.00	267.61	21.26	-24.72	32.6	310.7	11.1	304.2
280.00	277.44	22.27	-26.29	34.5	310.3	10.8	303.5
290.00	287.26	23.28	-27.90	36.3	309.8	11.2	303.7
299.22	296.30	24.25	-29.39	38.1	309.5	11.3	302.9

2972

OTHER SERVICES
9057
9057

ELK VALLEY COAL CORPORATION
WELL 2972
FIELD FORDING RIVER OPERATIONS
COUNTY CANADA
STATE BC

LOCATION N/A
SECTION N/A
TOWNSHIP N/A
RANGE N/A
API NO. N/A

UNIQUE WELL ID. N/A
PERMITS DATA: GL
LOG MEASURED FROM: GL
DATE 07/23/07

ELEVATION OF VAN
ELEVATION OF MIN
ELEVATION OF MAX

DEPTH DRILLER 312
BIT SIZE: 13.00
LOG TOP 2.89
LOG BOTTOM 311.71

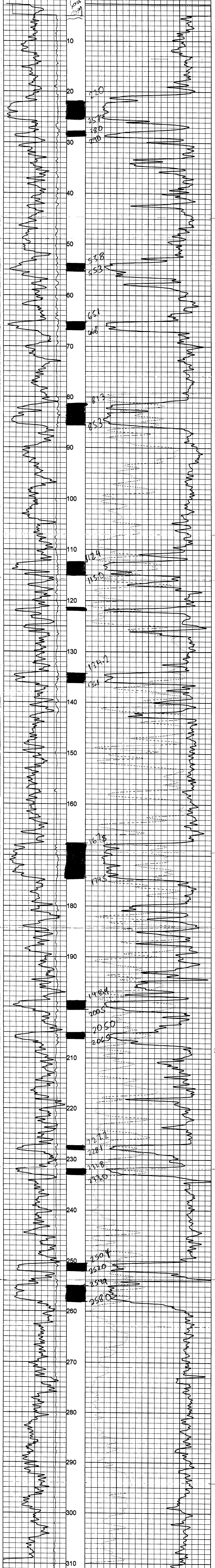
CASING OD N/A
CASING BOTTOM 3
CASING TYPE STEEL
BONDLOG FLUID WATER
MUD TEMPERATURE N/A
MUD RES. N/A
MUD WEIGHT 1.10
WITNESSED BY SSS DRILLING
RECORDED BY SLYALOCK
REMARKS 1
REMARKS 2

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 COMPENSATED DENSITY 2972 07/31/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL.: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13.00
PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007 VERSION = 3.64EK



COMPANY	ELK VALLEY COAL CORPORATION	OTHER SERVICES:	9068 9067 9067
WELL	2972	FORGING RIVER OPERATIONS	
FIELD	BC	CANADA	
COUNTY			
STATE	BC		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
API NO	N/A		
UNIQUE WELL ID	N/A		
FORMATION	GL	ELEVATION KG N/A	
LOG MEASURED FROM	GL	ELEVATION DT N/A	
DATE	07/31/07	ELEVATION GI N/A	
DEPTH DRILLER	312		
BIT SIZE	13		

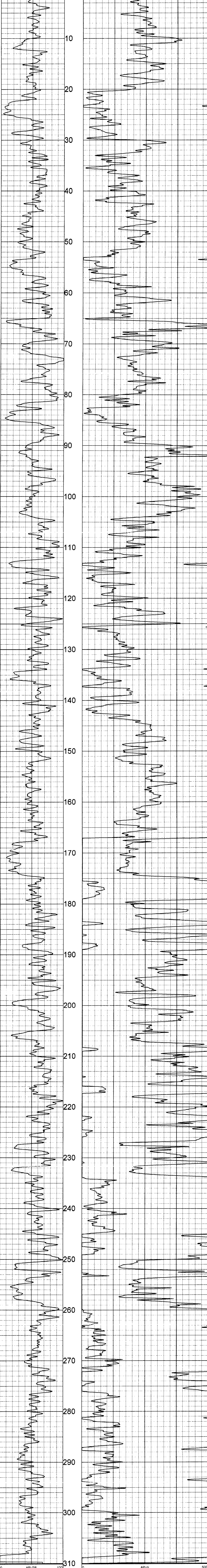
LOG TOP	0.38
LOG BOTTOM	310.04
CASING OD	N/A
CASING TYPE	3
BORHOLE FLUID	STEEL
BM TEMPERATURE	WATER
MUD RES	N/A
MUD WEIGHT	N/A
WITNESSED BY	1.0
RECORDED BY	SPS DRILLING
REMARKS 1	BLAYLOCK
REMARKS 2	

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 SLIM GAMMA NEUTRON 2972 07/31/07

LOG PARAMETERS

MATRIX DENSITY : 2.65	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL : 17.00	ELECT. CUTOFF : 99999	BIT SIZE : 13
PRESENTATION NAME/DATE = 9087A.0 07/04/2007		VERSION = 3.64EK



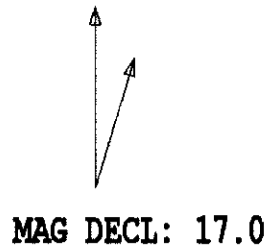
1:200 SLIM GAMMA NEUTRON 2972 07/31/07

LOG PARAMETERS

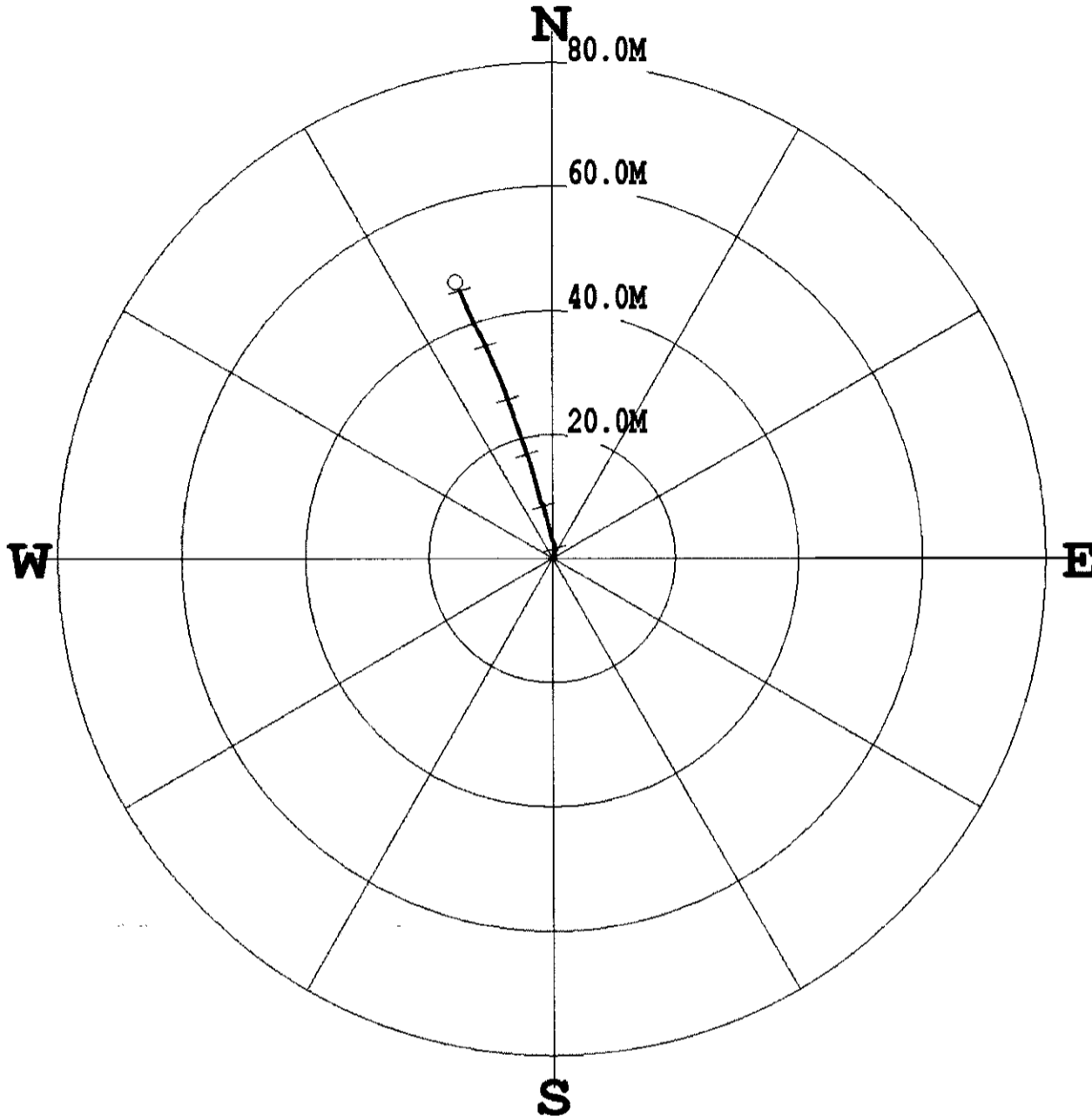
MATRIX DENSITY : 2.65	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL : 17.00	ELECT. CUTOFF : 99999	BIT SIZE : 13
PRESENTATION NAME/DATE = 9087A.0 07/04/2007		VERSION = 3.64EK

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2972
 DATE OF LOG: 07/31/07
 PROBE: 9057A 1067



SCALE: 10 M/CM
 TRUE DEPTH: 307.24 M
 AZIMUTH: 340.7
 DISTANCE: 47.1 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL COR HOLE ID. : 2972
 FIELD OFFICE : PENHOLD DATE OF LOG : 07/31/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2972_07-31-07_11-36_9057A_.02_3.21_311.63_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
5.00	4.99	-0.00	0.00	0.0	95.3	0.9	95.2
15.00	14.99	-0.02	0.15	0.1	97.9	0.8	88.7
25.00	24.99	0.11	0.27	0.3	67.9	1.4	19.9
35.00	34.98	0.44	0.38	0.6	40.8	2.8	8.5
45.00	44.96	1.10	0.41	1.2	20.5	4.7	4.7
55.00	54.92	2.00	0.37	2.0	10.4	5.7	343.8
65.00	64.85	3.01	-0.08	3.0	358.4	6.7	328.9
75.00	74.75	4.38	-0.43	4.4	354.4	8.5	345.5
85.00	84.63	5.92	-0.81	6.0	352.2	9.3	346.2
95.00	94.49	7.51	-1.19	7.6	351.0	9.5	346.0
105.00	104.36	8.93	-1.82	9.1	348.5	8.6	326.3
115.00	114.22	10.55	-2.27	10.8	347.8	9.9	345.7
125.00	124.06	12.25	-2.72	12.5	347.5	10.6	345.7
135.00	133.90	13.99	-3.19	14.3	347.1	10.3	346.1
145.00	143.73	15.73	-3.72	16.2	346.7	10.7	343.1
155.00	153.56	17.48	-4.30	18.0	346.2	10.7	340.6
165.00	163.39	19.23	-4.94	19.9	345.6	10.7	339.3
175.00	173.21	21.00	-5.58	21.7	345.1	10.6	341.2
185.00	183.04	22.73	-6.17	23.6	344.8	10.3	339.8
195.00	192.87	24.46	-6.77	25.4	344.5	10.5	341.2
205.00	202.71	26.14	-7.35	27.2	344.3	10.3	341.0
215.00	212.55	27.80	-7.98	28.9	344.0	10.8	339.3
225.00	222.38	29.50	-8.69	30.8	343.6	10.9	337.3
235.00	232.20	31.21	-9.43	32.6	343.2	10.7	336.5
245.00	242.03	32.90	-10.18	34.4	342.8	10.7	336.0
255.00	251.85	34.62	-10.94	36.3	342.5	10.7	336.4
265.00	261.68	36.30	-11.73	38.2	342.1	10.9	333.3
275.00	271.50	37.94	-12.64	40.0	341.6	11.1	334.5
285.00	281.31	39.70	-13.46	41.9	341.3	11.2	336.4
295.00	291.12	41.48	-14.25	43.9	341.0	11.2	338.1
305.00	300.92	43.30	-15.05	45.8	340.8	11.8	335.1
311.46	307.24	44.49	-15.60	47.2	340.7	11.7	334.9

COMPANY: ELK VALLEY COAL CORPORATION
 WELL: 2973
 FIELD: FORDING RIVER OPERATIONS
 COUNTY: CANADA
 STATE: BC
 OTHER SERVICES: 9057 9087

2973

LOCATION: N/A
 SECTION: N/A
 TOWNSHIP: N/A
 RANGE: N/A
 API NO.: N/A
 UNIQUE WELL ID: N/A
 PERMANENT DATUM: GL
 LOG MEASURED FROM: GL
 DRL MEASURED FROM: GL
 ELEVATION KB: N/A
 ELEVATION DP: N/A
 ELEVATION GL: N/A

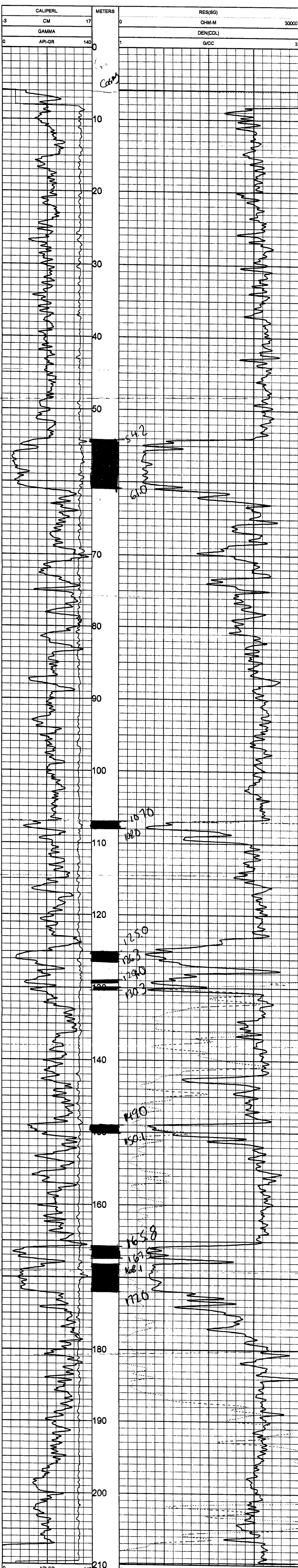
DATE: 08/01/07
 DEPTH DRILLER: 210
 BT SIZE: 13.00
 LOG TOP: 5.85
 LOG BOTTOM: 208.81
 CASING OD: N/A
 CASING BOTTOM: 8
 CASING TYPE: STEEL
 BOREHOLE FLUID: WATER
 FHM TEMPERATURE: N/A
 MUD RES: N/A
 MUD WEIGHT: 1.0
 WITNESSED BY: SDS DRILLING
 RECORDED BY: SLAYLOCK
 REMARKS 1:
 REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 COMPENSATED DENSITY 2973 08/01/07

LOG PARAMETERS

MATRIX DENSITY: 2.85 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
 MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13.00
 PRESENTATION NAME/DATE: 9139-PRINT-RES.0 07/07/2007 VERSION: 3.64EK



COMPANY: ELK VALLEY COAL CORPORATION
WELL: 2973
FIELD: FORDING RIVER OPERATIONS
COUNTY: CANADA
STATE: BC

OTHER SERVICES:
9067
9139

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
API NO: N/A
UNIQUE WELL ID: N/A

PERMANENT DATUM: GL
LOG MEASURED FROM: GL
DRL MEASURED FROM: GL
ELEVATION: NS N/A
ELEVATION: OF N/A
ELEVATION: GL N/A

DATE: 08/01/07
DEPTH DRILLER: 210
BIT SIZE: 13

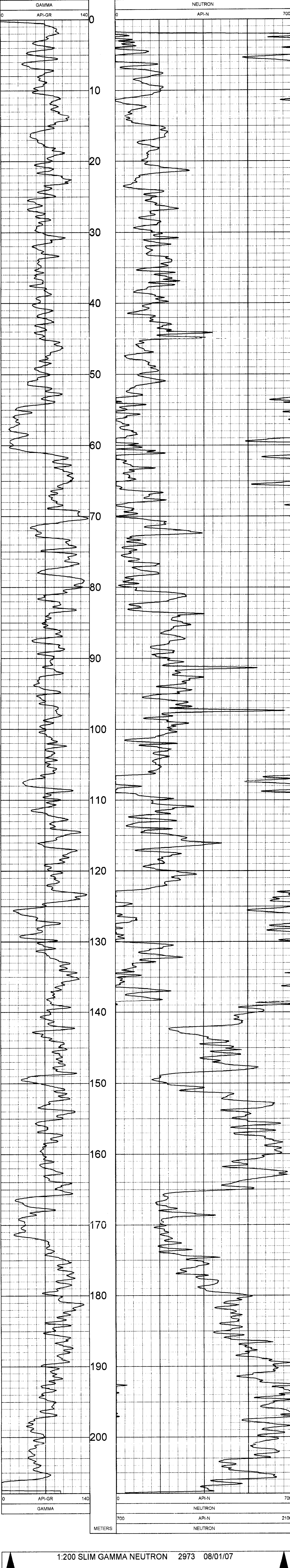
LOG TOP: 024
LOG BOTTOM: 207/90
CASING OD: N/A
CASING BOTTOM: 4
CASING TYPE: STEEL
BORING TYPE: WATER
BORING FLUID: WATER
RM TEMPERATURE: N/A
MUD RES: N/A
MUD WEIGHT: 1.0
WITNESSED BY: SDS DRILLING
RECORDED BY: BLAYLOCK

REMARKS 1
REMARKS 2
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 SLIM GAMMA NEUTRON 2973 08/01/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE = 9067A529.0 08/01/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2973 08/01/07

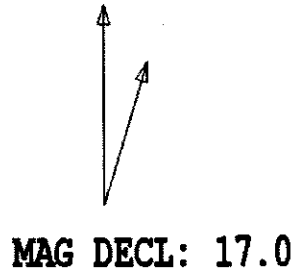
LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE = 9067A529.0 08/01/2007 VERSION = 3.64EK

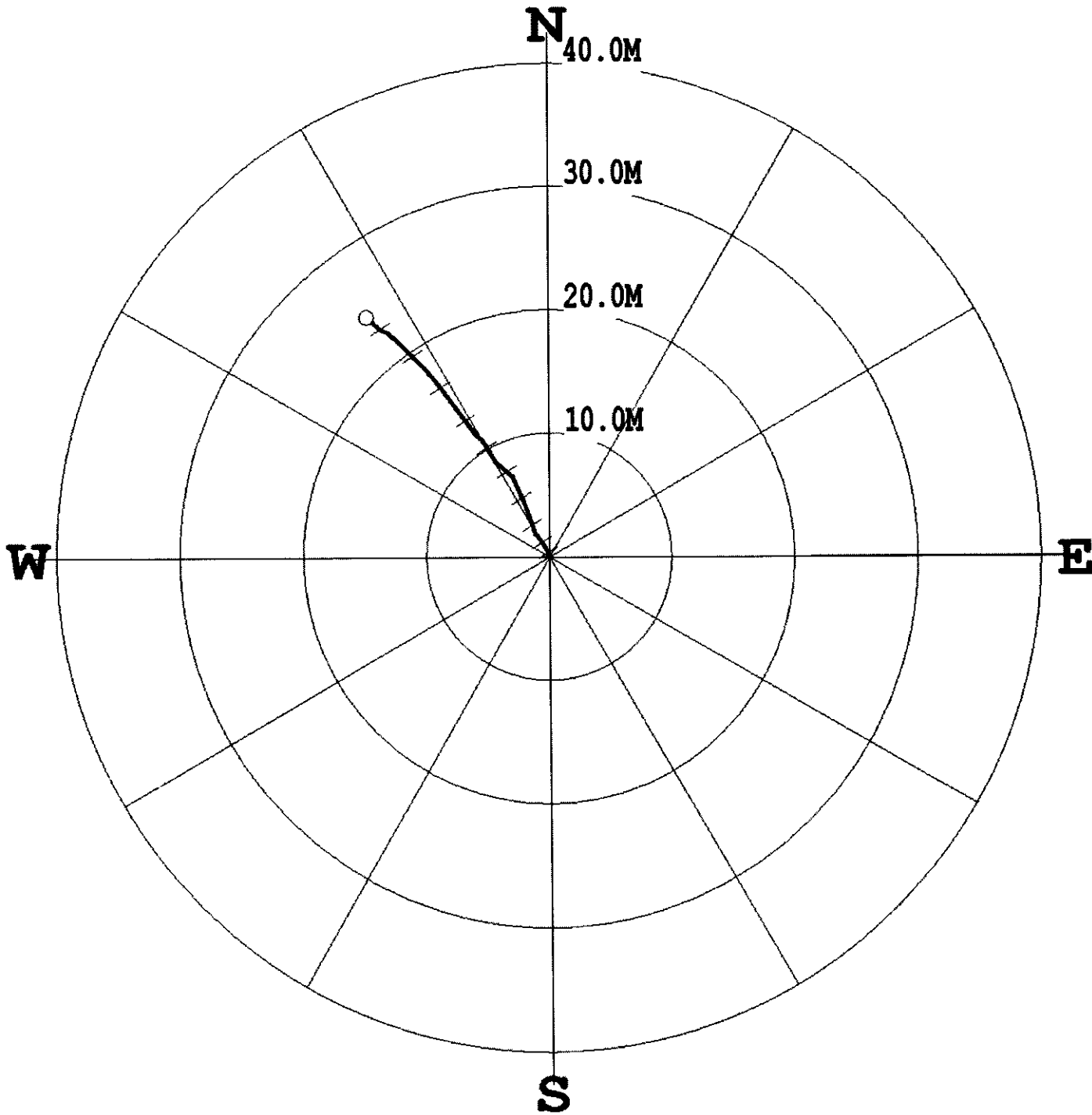
TOOL CALIBRATION 2973 08/01/07 01:59			
TOOL 9067A TM VERSION 1			
SERIAL NUMBER 529			
DATE	TIME	SENSOR	STANDARD
1	Sep03.06 10:46:48	GAMMA	1 000 [API-GR]
	Sep05.06 10:46:46	GAMMA	230 000 [API-GR]
2	Sep03.06 10:47:15	NEUTRON	1 000 [API-N]
	Sep03.06 10:47:15	NEUTRON	500 000 [API-N]
			RESPONSE
			1.00 [CPS]
			60.00 [CPS]
			1.00 [CPS]
			500.00 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2973
 DATE OF LOG: 08/01/07
 PROBE: 9057A 1067



SCALE: 5 M/CM
 TRUE DEPTH: 207.78 M
 AZIMUTH: 322.7
 DISTANCE: 24.3 M
 + = 20 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL COR HOLE ID. : 2973
 FIELD OFFICE : PENHOLD DATE OF LOG : 08/01/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2973_08-01-07_17-49_9057A_.02_5.61_209.71_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.00	9.99	0.07	-0.02	0.1	345.7	1.8	351.2
20.00	19.98	0.36	-0.11	0.4	343.5	1.3	342.4
30.00	29.98	0.69	-0.29	0.8	337.2	2.5	326.6
40.00	39.96	1.17	-0.60	1.3	332.7	3.8	323.7
50.00	49.94	1.73	-1.02	2.0	329.5	4.6	321.8
60.00	59.89	2.58	-1.38	2.9	331.9	6.1	338.5
70.00	69.83	3.64	-1.75	4.0	334.2	6.6	337.9
80.00	79.76	4.74	-2.20	5.2	335.1	7.1	333.2
90.00	89.67	5.92	-2.73	6.5	335.3	7.5	336.5
100.00	99.60	6.86	-3.41	7.7	333.6	5.9	316.5
110.00	109.53	7.60	-4.28	8.7	330.6	6.9	310.5
120.00	119.44	8.74	-5.00	10.1	330.2	7.9	328.9
130.00	129.35	9.74	-5.85	11.4	329.0	7.1	305.9
140.00	139.24	10.92	-6.72	12.8	328.4	8.6	325.0
150.00	149.11	12.19	-7.68	14.4	327.8	9.4	322.6
160.00	158.97	13.53	-8.69	16.1	327.3	9.5	323.7
170.00	168.83	14.85	-9.74	17.8	326.7	9.5	318.0
180.00	178.69	16.07	-10.89	19.4	325.9	9.4	314.6
190.00	188.54	17.28	-12.13	21.1	324.9	10.1	312.3
200.00	198.39	18.29	-13.46	22.7	323.7	9.2	296.3
209.54	207.78	19.36	-14.75	24.3	322.7	10.7	312.0

COMPANY: ELK VALLEY COAL CORPORATION
 WELL: 2974
 FIELD: FORDING RIVER OPERATIONS
 COUNTY: CANADA
 STATE: BC
 OTHER SERVICES: 9657
 9657

2974

LOCATION: N/A
 SECTION: N/A
 TOWNSHIP: N/A
 RANGE: N/A
 API NO: N/A
 UNIQUE WELL ID: N/A
 PERMANENT DATUM: SL
 LOG MEASURED FROM: GL
 DRI. MEASURED FROM: GL
 ELEVATION TO N/A
 ELEVATION OF N/A
 ELEVATION OF: N/A

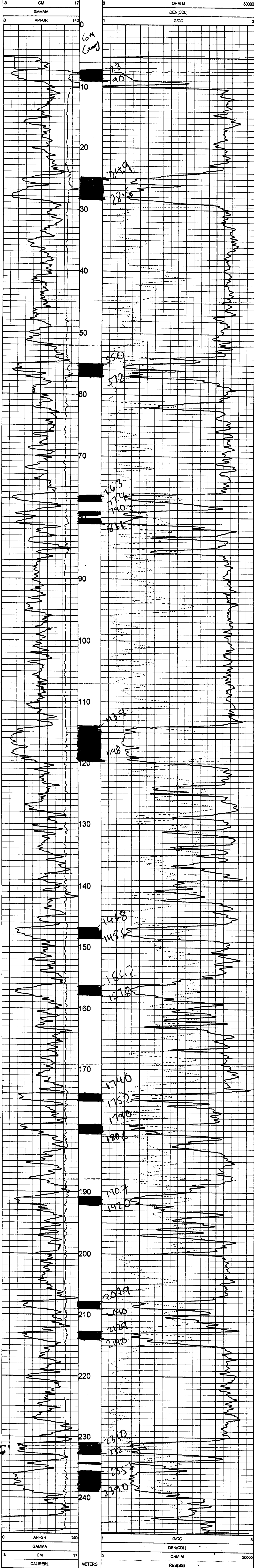
DATE: 08/04/07
 DEPTH DRILLER: 248
 BIT SIZE: 13.00
 LOG TOP: 5.17
 LOG BOTTOM: 246.89
 CASING OD: N/A
 CASING BOTTOM: 8
 CASING TYPE: STEEL
 BOREHOLE FLUID: WATER
 MUD RES: N/A
 MUD WEIGHT: 1.0
 WITNESSED BY: SPS DRILLING
 RECORDED BY: BLAYLOCK
 REMARKS 1:
 REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 COMPENSATED DENSITY 2974 08/04/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
 MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13.00
 PRESENTATION NAME/DATE: 9139-PRINT-RES.0 07/07/2007 VERSION: 3.64EK

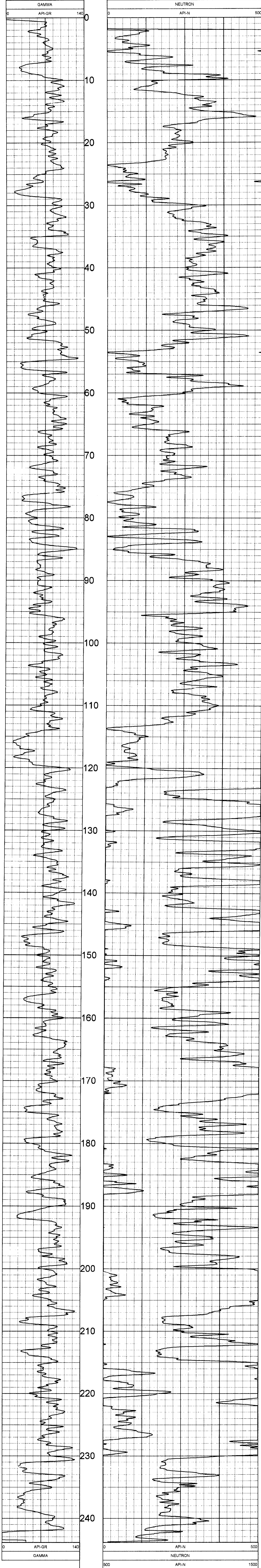


COMPANY	ELK VALLEY COAL CORPORATION	OTHER SERVICES:
WELL	2974	9857
FIELD	FORDING RIVER OPERATIONS	9139
COUNTY	CANADA	
STATE	BC	
LOCATION	N/A	
SECTION	N/A	
TOWNSHIP	N/A	
RANGE	N/A	
API NO.	N/A	
UNIQUE WELL ID.	N/A	
PERMANENT DATUM	GL	ELEVATION KB N/A
LOG MEASURED FROM	SL	ELEVATION DF N/A
DR. MEASURED FROM	SL	ELEVATION GL N/A
DATE	08/03/07	
DEPTH DRILLER	246	
BIT SIZE	13	
LOG TOP	0.30	
CASING OD	243.83	
CASING BOTTOM	N/A	
CASING TYPE	8	STEEL
BOREHOLE FLUID		WATER
RM TEMPERATURE	N/A	
MUD RES	N/A	
MUD WEIGHT	1.0	
WITNESSED BY		SOS DRILLING
RECORDED BY		BLAYLOCK
REMARKS 1		
REMARKS 2		

1:200 SLIM GAMMA NEUTRON 2974 08/03/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9067A529.0 08/03/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2974 08/03/07

LOG PARAMETERS

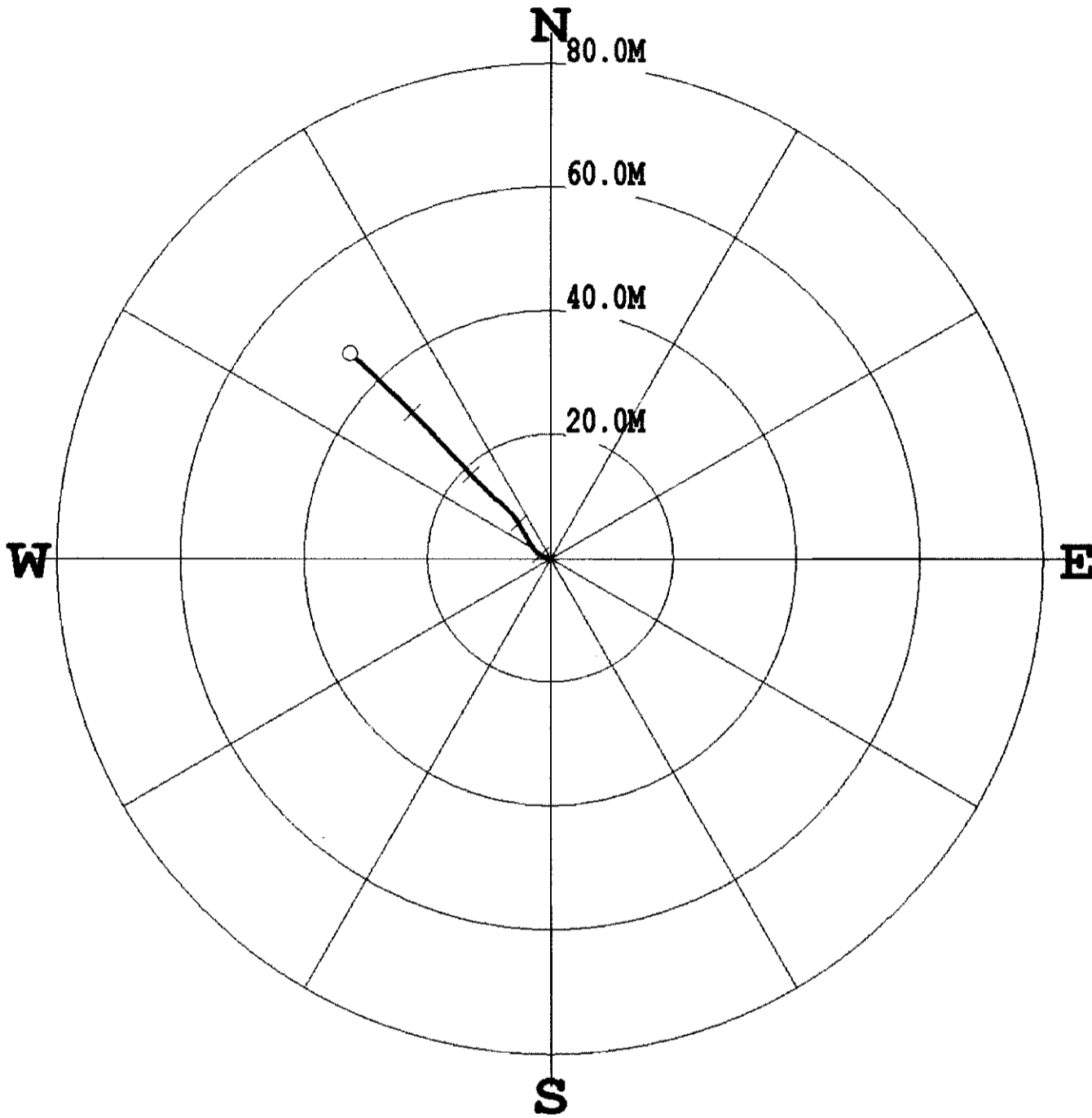
MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9067A529.0 08/03/2007 VERSION = 3.64EK

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2974
 DATE OF LOG: 08/04/07
 PROBE: 9057A 1067



SCALE: 10 M/CM
 TRUE DEPTH: 239.55 M
 AZIMUTH: 315.4
 DISTANCE: 46.2 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL COR HOLE ID. : 2974
 FIELD OFFICE : PENHOLD DATE OF LOG : 08/04/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2974_08-04-07_10-45_9057A_.02_9.20_245.61_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.98	10.98	-0.00	-0.00	0.0	207.3	0.2	207.3
20.00	20.00	0.00	-0.10	0.1	271.2	1.5	273.9
30.00	29.99	0.07	-0.47	0.5	277.9	2.6	276.6
40.00	39.98	0.24	-0.99	1.0	283.6	4.2	292.8
50.00	49.95	0.58	-1.65	1.7	289.4	4.3	291.4
60.00	59.91	1.06	-2.32	2.6	294.5	6.0	322.7
70.00	69.84	2.03	-3.04	3.7	303.8	7.8	325.7
80.00	79.75	3.19	-3.73	4.9	310.5	7.8	331.3
90.00	89.65	4.31	-4.45	6.2	314.1	7.7	331.3
100.00	99.54	5.63	-5.18	7.7	317.4	9.8	326.5
110.00	109.36	7.13	-6.31	9.5	318.5	12.0	318.3
120.00	119.13	8.66	-7.78	11.6	318.1	12.1	314.2
130.00	128.91	9.93	-9.39	13.7	316.6	12.6	315.2
140.00	138.65	11.54	-10.96	15.9	316.5	13.2	315.5
150.00	148.36	13.25	-12.64	18.3	316.3	14.0	316.8
160.00	158.05	15.02	-14.35	20.8	316.3	14.5	316.2
170.00	167.74	16.83	-16.07	23.3	316.3	14.8	316.5
180.00	177.40	18.71	-17.84	25.9	316.4	14.8	317.1
190.00	187.02	20.68	-19.72	28.6	316.4	15.7	314.6
200.00	196.61	22.71	-21.70	31.4	316.3	17.1	314.7
210.00	206.11	24.89	-23.92	34.5	316.1	19.1	313.3
220.00	215.56	27.18	-26.28	37.8	316.0	19.0	315.1
230.00	225.00	29.47	-28.66	41.1	315.8	19.3	313.6
240.00	234.42	31.74	-31.10	44.4	315.6	19.5	312.3
245.44	239.55	32.96	-32.44	46.2	315.5	19.2	311.3

COMPANY: ELK VALLEY COAL CORPORATION
WELL: 2975
FIELD: FORDING RIVER OPERATIONS
COUNTY: CANADA
STATE: SC
OTHER SERVICES: 2975 907 907

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
API NO.: N/A
UNIQUE WELL ID: N/A

PERMANENT DATUM: SEL
LOG MEASURED FROM: GL
DRL MEASURED FROM: GL
DATE: 28/02/07
DEPTH DRILLER: Z25

ELEVATION KB: N/A
ELEVATION DF: N/A
ELEVATION GL: N/A

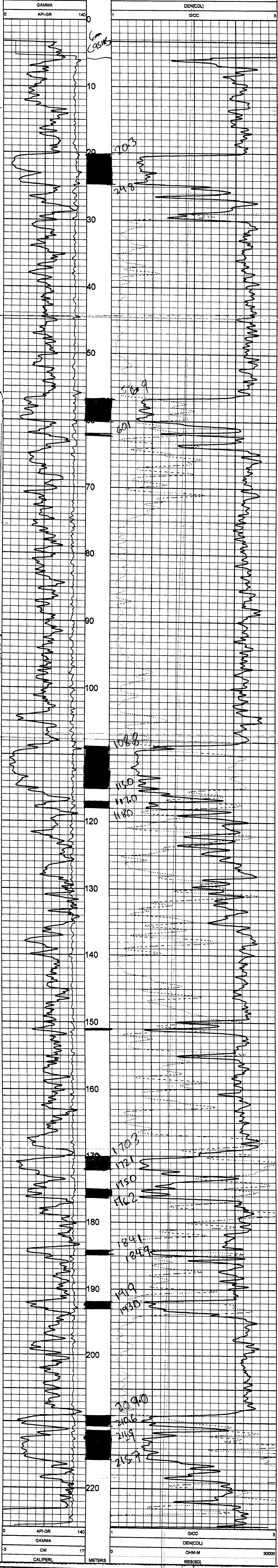
LOG TOP: 2.30
LOG BOTTOM: 228.77
CASING OD: N/A
CASING BOTTOM: 3
CASING TYPE: STEEL
BORING FLUID: WATER
RM TEMPERATURE: N/A
MUD RES: 1.0
MUD WEIGHT: 1.0
WITNESSED BY: SPS DRILLING
RECORDED BY: BLAYLOCK

REMARKS 1:
REMARKS 2:
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 COMPENSATED DENSITY 2975 08/02/07

LOG PARAMETERS

MATRIX DENSITY: 2.65
MAGNETIC DECL: 17.00
PRESENTATION NAME/DATE: 9139-PRINT-RES.0 07/07/2007
NEUTRON MATRIX: SANDSTONE
ELECT. CUTOFF: 99999
MATRIX DELTA T: 177
BIT SIZE: 13.00
VERSION: 3.64EK

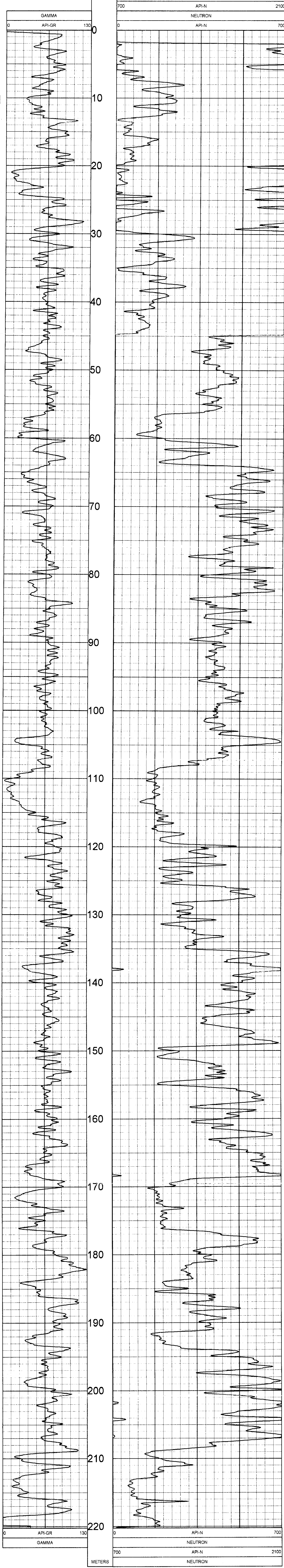


COMPANY	ELK VALLEY COAL CORPORATION	OTHER SERVICES
WELL	2975	9067
FIELD	FORDING RIVER OPERATIONS	9067
COUNTRY	CANADA	
STATE	BC	
LOCATION	N/A	
SECTION	N/A	
TOWNSHIP	N/A	
RANGE	N/A	
API NO	N/A	
UNIQUE WELL ID	N/A	
PERMANENT DATUM	GL	ELEVATION KB N/A
LOG MEASURED FROM	GL	ELEVATION OF N/A
DRL MEASURED FROM	GL	ELEVATION GL N/A
DATE	08/02/07	
DEPTH DRILLER	220	
BIT SIZE	13	
LOG TOP	0.28	
LOG BOTTOM	220.17	
CASING OD	N/A	
CASING BOTTOM	3	
CASING TYPE	STEEL	
BOREHOLE FLUID	WATER	
RM TEMPERATURE	N/A	
MUD RES	N/A	
MUD WEIGHT	1.0	
WITNESSED BY	SDS DRILLING	
RECORDED BY	BLAYLOCK	
REMARKS 1		
REMARKS 2		

1:200 SLIM GAMMA NEUTRON 2975 08/02/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9067A529.0 08/01/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2975 08/02/07

LOG PARAMETERS

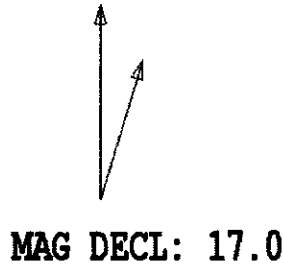
MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9067A529.0 08/01/2007 VERSION = 3.64EK

TOOL CALIBRATION 2975 08/02/07 03:54
 TOOL 9067A TM VERSION 1
 SERIAL NUMBER 529

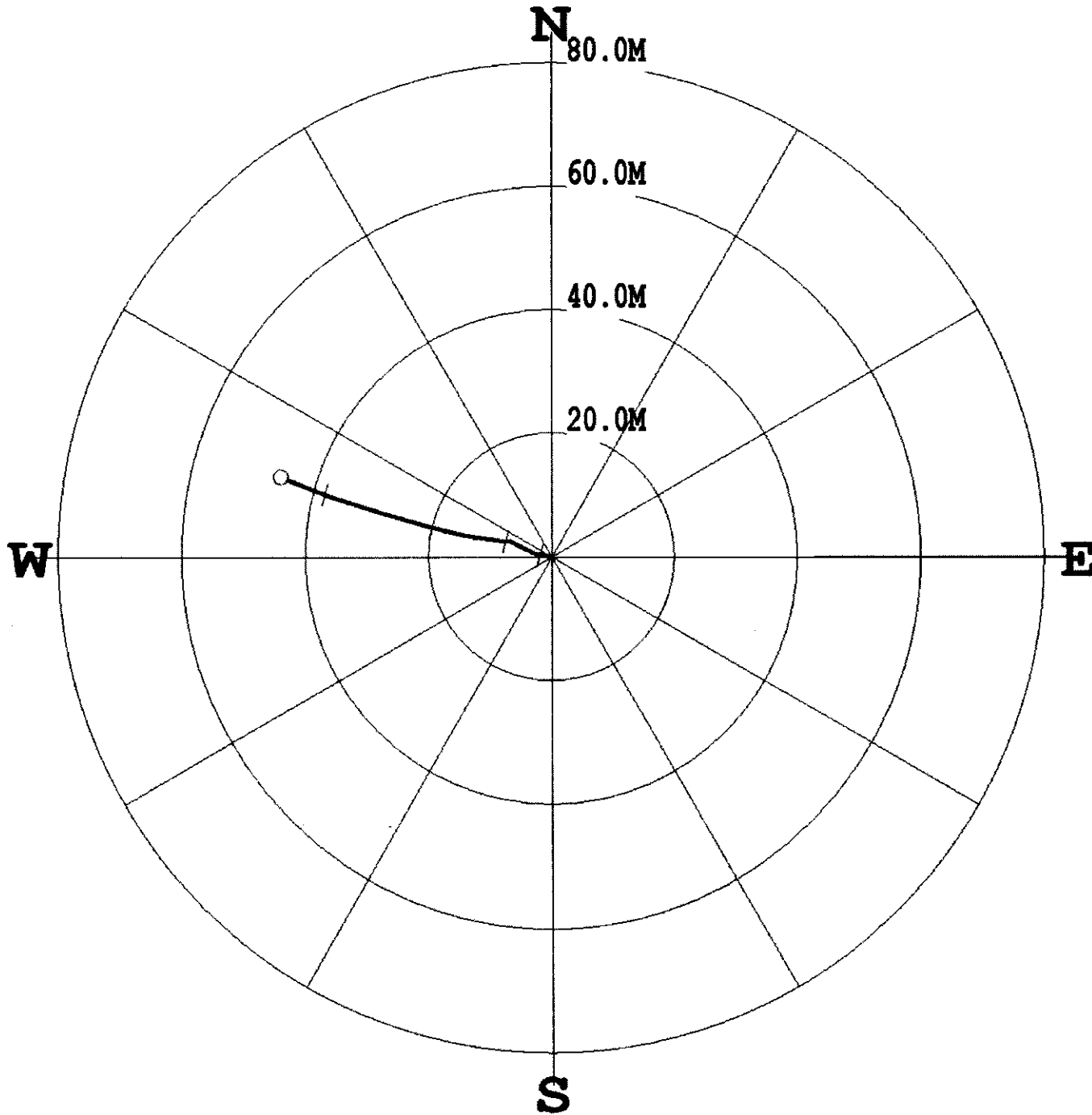
DATE	TIME	SENSOR	STANDARD	RESPONSE	
1	Sep03.06	10.46.48	GAMMA	1.000 [API-GR]	1.00 [CPS]
	Sep03.06	10.46.48	GAMMA	250.000 [API-GR]	80.00 [CPS]
2	Sep03.06	10.47.15	NEUTRON	1.000 [API-N]	1.00 [CPS]
	Sep03.06	10.47.15	NEUTRON	500.000 [API-N]	500.00 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2975
 DATE OF LOG: 08/02/07
 PROBE: 9057A 1067



SCALE: 10 M/CM
 TRUE DEPTH: 218.91 M
 AZIMUTH: 286.3
 DISTANCE: 45.7 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL COR HOLE ID. : 2975
 FIELD OFFICE : PENHOLD DATE OF LOG : 08/02/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2975_08-02-07_15-57_9057A_.02_2.88_225.73_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
5.00	5.00	0.01	-0.00	0.0	350.0	0.7	347.1
15.00	15.00	0.09	-0.13	0.2	306.6	1.2	301.4
25.00	25.00	0.06	-0.38	0.4	278.9	1.7	264.3
35.00	34.99	0.16	-0.72	0.7	282.8	3.4	289.9
45.00	44.96	0.36	-1.46	1.5	283.7	4.7	291.7
55.00	54.92	0.38	-2.31	2.3	279.3	5.9	261.0
65.00	64.85	0.85	-3.35	3.5	284.2	6.9	297.0
75.00	74.77	1.37	-4.51	4.7	286.9	7.1	296.4
85.00	84.69	1.94	-5.64	6.0	289.0	7.0	302.5
95.00	94.61	2.51	-6.73	7.2	290.4	7.8	249.3
105.00	104.49	2.57	-8.25	8.6	287.3	10.3	281.9
115.00	114.30	2.84	-10.18	10.6	285.6	11.6	280.8
125.00	124.07	3.11	-12.27	12.7	284.2	13.4	283.1
135.00	133.75	3.57	-14.73	15.2	283.6	15.4	280.6
145.00	143.36	4.20	-17.40	17.9	283.6	17.5	287.6
155.00	152.89	4.98	-20.33	20.9	283.7	18.2	285.7
165.00	162.37	5.83	-23.40	24.1	284.0	18.6	284.7
175.00	171.83	6.74	-26.52	27.4	284.3	19.2	285.5
185.00	181.22	7.73	-29.79	30.8	284.5	20.5	286.7
195.00	190.54	8.82	-33.25	34.4	284.9	21.5	286.6
205.00	199.84	10.02	-36.73	38.1	285.3	21.2	289.1
215.00	209.12	11.34	-40.21	41.8	285.8	21.6	292.3
225.00	218.40	12.73	-43.68	45.5	286.2	22.3	292.7
225.56	218.91	12.81	-43.87	45.7	286.3	22.7	293.5

COMPANY: ELK VALLEY COAL CORPORATION
WELL: 2976
FIELD: FOREING BINDER OPERATIONS
COUNTY: CANADA
STATE: BC
OTHER SERVICES: 9907 9907

2976

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
API NO: N/A
UNIQUE WELL ID: N/A
PERMANENT DATUM: N/A
LOG MEASURED FROM: SIL
ELEVATION OF N/A
ELEVATION OF: N/A

DATE: 28/05/07
DEPTH DRILLER: 292

BIT SIZE: 13.00
LOG TOP: 7.98
LOG BOTTOM: 281.70
CASING OD: N/A
CASING BOTTOM: 9
CASING TYPE: STEEL
BOREHOLE FLUID: WATER
RM TEMPERATURE: N/A
MUD RES: N/A
MUD WEIGHT: 1.0
WITNESSED BY: SCS DRILLING
RECORDED BY: BLAYLOCK
REMARKS 1:
REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS.

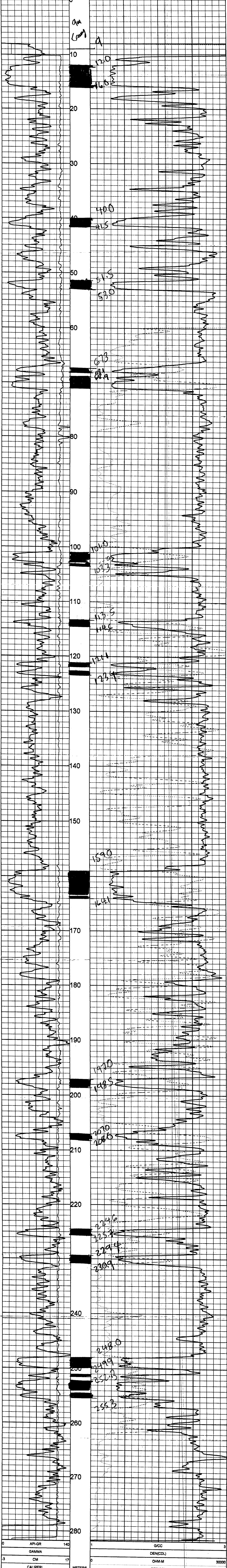
1:200 COMPENSATED DENSITY 2976 08/05/07

LOG PARAMETERS

MATRIX DENSITY: 2.65
MAGNETIC DECL: 17.00
PRESENTATION NAME/DATE: 9138-PRINT-RES.0 07/07/2007

NEUTRON MATRIX: SANDSTONE
ELECT. CUTOFF: 99999

MATRIX DELTA T: 177
BIT SIZE: 13.00
VERSION: 3.64EK



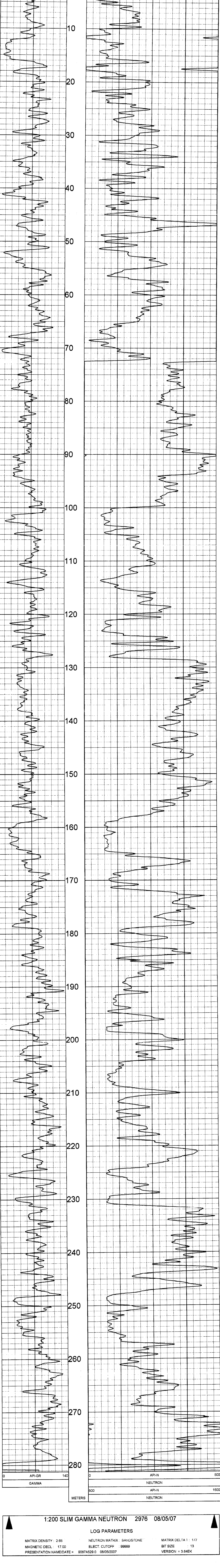
1:200 COMPENSATED DENSITY 2976 08/05/07

LOG PARAMETERS

Century WIRELINE SERVICES		SLIM GAMMA-NEUTRON	
2976		2976	
COMPANY	ELK VALLEY COAL CORPORATION	OTHER SERVICES	
WELL	2976	9957	
FIELD	FORGING RIVER OPERATIONS	9987	
COUNTY	CANADA		
STATE	BC		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
API NO.	N/A		
UNIQUE WELL ID.	N/A		
PERMANENT DATUM	GL	ELEVATION KB	N/A
LOG MEASURED FROM	GL	ELEVATION DF	N/A
DBI MEASURED FROM	GL	ELEVATION GI	N/A
DATE	28/05/07		
DEPTH DRILLER	282		
BIT SIZE	13		
LOG TOP	0.35		
LOG BOTTOM	281.21		
CASING O.D.	N/A		
CASING BOTTOM	9		
CASING TYPE	STEEL		
BORINGHOLE FLUID	WATER		
RM TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	1.0		
WITNESSED BY	SQS DRILLING		
RECORDED BY	ELAYLOCK		
REMARKS 1			
REMARKS 2			
REMARKS 3			

1:200 SLIM GAMMA NEUTRON 2976 08/05/07

LOG PARAMETERS		
MATRIX DENSITY : 2.65	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL : 17.00	ELECT. CUTOFF : 99999	BIT SIZE : 13
PRESENTATION NAME/DATE = 9067A529.0 08/05/2007		VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2976 08/05/07

LOG PARAMETERS		
MATRIX DENSITY : 2.65	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL : 17.00	ELECT. CUTOFF : 99999	BIT SIZE : 13
PRESENTATION NAME/DATE = 9067A529.0 08/05/2007		VERSION = 3.64EK

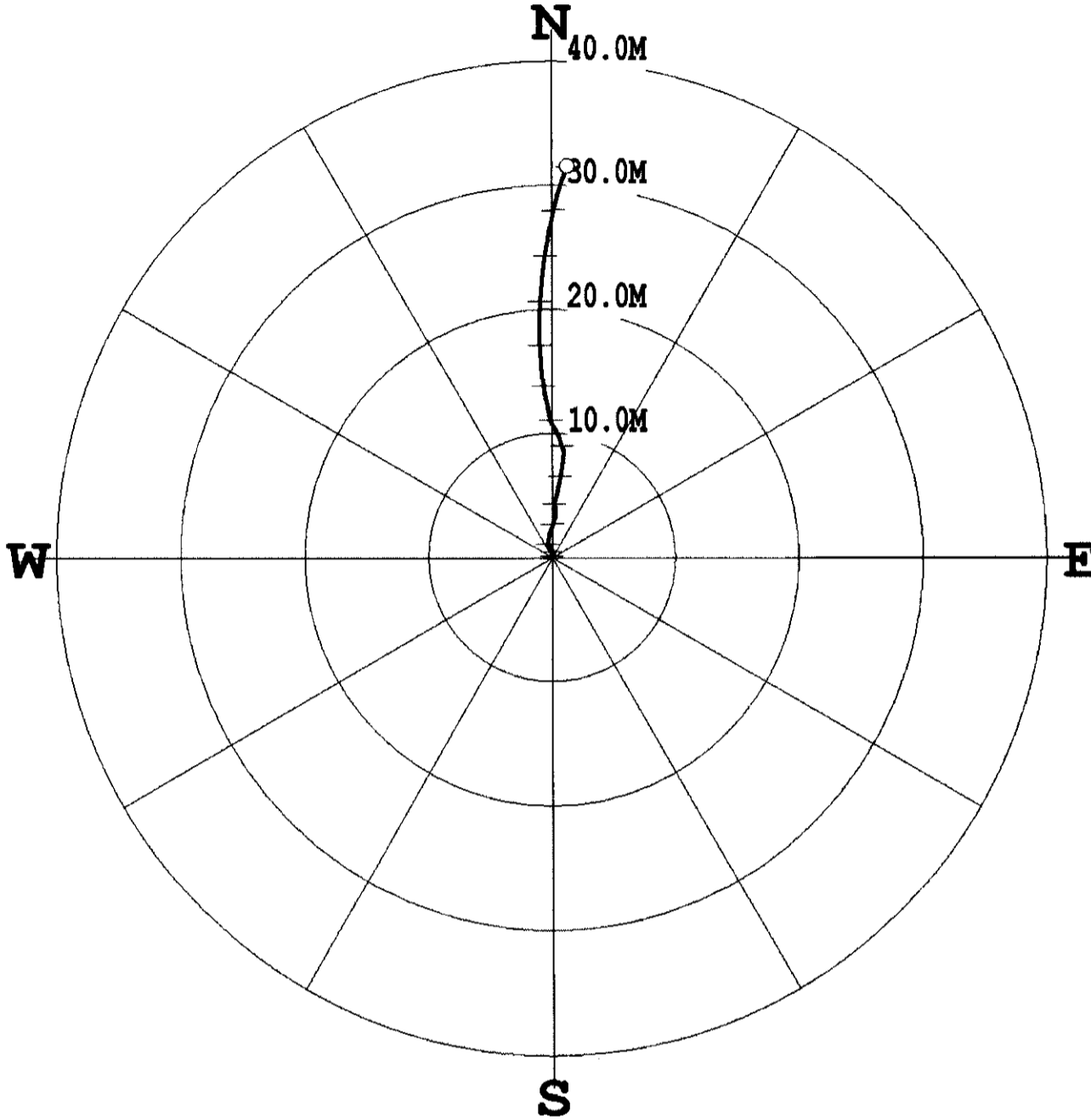
TOOL CALIBRATION 2976 08/05/07 03:43			
TOOL 9087A TM VERSION 1			
SERIAL NUMBER 529			
DATE	TIME	SENSOR	STANDARD
1	Sep03.06	10.46:48	GAMMA 1.000 [API-GR]
	Sep03.06	10.46:49	GAMMA 250.000 [API-GR]
2	Sep03.06	10.47:15	NEUTRON 1.000 [API-N]
	Sep03.06	10.47:15	NEUTRON 500.000 [API-N]
			RESPONSE
			1.00 [CPS]
			80.00 [CPS]
			1.00 [CPS]
			500.00 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2976
 DATE OF LOG: 08/05/07
 PROBE: 9057A 1067



SCALE: 5 M/CM
 TRUE DEPTH: 279.03 M
 AZIMUTH: 2.3
 DISTANCE: 31.5 M
 + = 20 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL COR HOLE ID. : 2976
 FIELD OFFICE : PENHOLD DATE OF LOG : 08/05/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2976_08-05-07_13-21_9057A_.02_8.22_281.62_DEVI.log

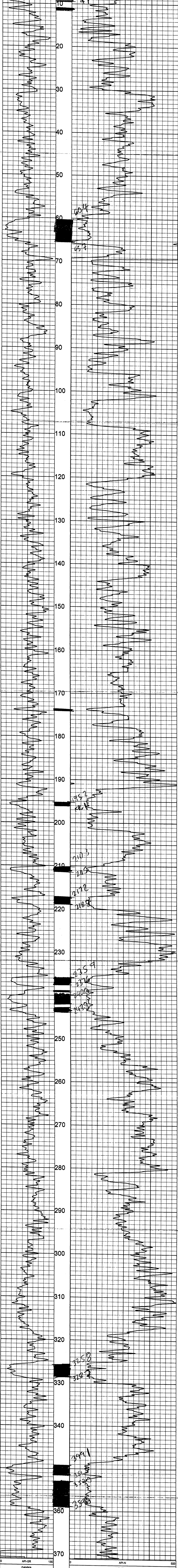
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.00	10.00	0.00	-0.00	0.0	358.4	0.8	0.7
20.00	20.00	0.09	-0.06	0.1	327.0	0.4	275.8
30.00	30.00	0.13	-0.01	0.1	354.7	1.7	31.0
40.00	39.99	0.45	0.02	0.4	3.1	2.2	349.3
50.00	49.99	0.76	-0.18	0.8	346.9	2.4	305.5
60.00	59.98	1.10	-0.38	1.2	340.9	3.6	0.8
70.00	69.95	1.84	-0.25	1.9	352.3	4.9	17.1
80.00	79.91	2.67	0.03	2.7	0.7	5.4	20.2
90.00	89.86	3.57	0.28	3.6	4.5	4.7	352.7
100.00	99.83	4.35	0.18	4.3	2.4	4.7	353.5
110.00	109.78	5.33	0.42	5.3	4.5	6.4	16.9
120.00	119.71	6.48	0.68	6.5	6.0	6.7	9.3
130.00	129.63	7.70	0.87	7.8	6.4	7.5	9.2
140.00	139.56	8.92	0.82	9.0	5.2	6.5	337.7
150.00	149.49	9.98	0.43	10.0	2.5	6.4	335.8
160.00	159.43	10.94	-0.12	10.9	359.4	7.5	354.6
170.00	169.34	12.22	-0.39	12.2	358.2	8.1	346.5
180.00	179.23	13.69	-0.67	13.7	357.2	9.3	350.6
190.00	189.10	15.29	-0.86	15.3	356.8	9.6	357.8
200.00	198.96	16.95	-0.97	17.0	356.7	9.9	355.8
210.00	208.81	18.66	-1.03	18.7	356.8	9.9	1.7
220.00	218.66	20.38	-0.96	20.4	357.3	10.0	4.3
230.00	228.50	22.17	-0.80	22.2	357.9	10.9	5.8
240.00	238.33	24.01	-0.60	24.0	358.6	10.4	7.3
250.00	248.16	25.79	-0.29	25.8	359.3	10.3	8.7
260.00	257.99	27.62	0.05	27.6	0.1	11.0	12.9
270.00	267.80	29.47	0.53	29.5	1.0	11.1	17.1
280.00	277.62	31.26	1.16	31.3	2.1	10.8	21.7
281.44	279.03	31.51	1.27	31.5	2.3	11.1	23.8

COMPANY	ELK VALLEY COAL CORPORATION
WELL	2977
FIELD	FORDING RIVER OPERATIONS
COUNTY	CANADA
STATE	SC
LOCATION	N/A
SECTION	N/A
TOWNSHIP	N/A
RANGE	N/A
AP#NO	N/A
UNIQUE WELL ID	N/A
PERMANENT DATUM	SL
LOG MEASURED FROM	EL ELEVATION TO N/A
DATE	07/04/2007
DATE MEASURED FROM	EL ELEVATION TO N/A
DEPTH DRILLER	372
BIT SIZE	13
LOG TOP	0.24
LOG BOTTOM	371.12
CASING O.D.	N/A
CASING BOTTOM	8
CASING TYPE	STEEL
ROBBERHOLE FLUID	WATER
ROBBERHOLE TEMPERATURE	N/A
MUD WEIGHT	1.0
WITNESSED BY	SOS/SBL/MS
RECORDED BY	SLAYLOCK
REMARKS 1	
REMARKS 2	

1:200 SLIM GAMMA NEUTRON 2977 08/10/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL. : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE : 9067A.0 07/04/2007 VERSION : 3.64EX



1:200 SLIM GAMMA NEUTRON 2977 08/10/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL. : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13

COMPANY: EXXON/LET/CGAL CORPORATION
WELL: 2977
FIELD: FORBING RIVER OPERATIONS
COUNTY: CANADA
STATE: BC
OTHER SERVICES: 9697
9139

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
API NO: N/A
INJURD WELL ID: N/A
PERMANENT TATUM: SL
LOG MEASURED FROM QL: ELEVATION IS N/A
ELEVATION OF N/A
ELEVATION OF N/A

DATE: 08/10/07
DEPTH DRILLER: 372
LOG TOP: 0.94
LOG BOTTOM: 271.12
CASING O.D.: 4 1/4
CASING BOTTOM: 9

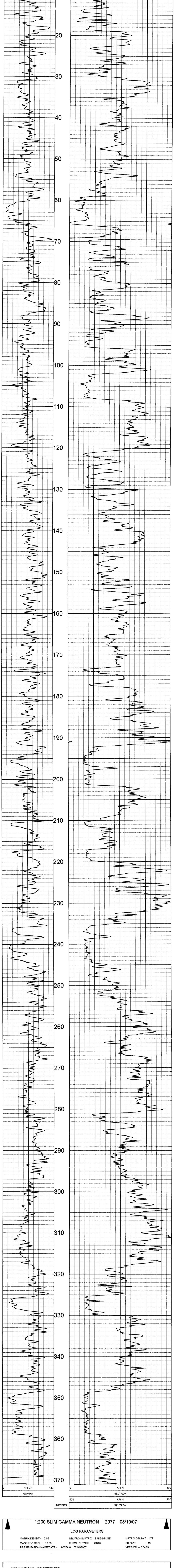
CASING TYPE: STEEL
SOLVENT FLUID: WATER
FM TEMPERATURE: N/A
MUD RES: N/A
MUD WEIGHT: 1.0
WITNESSED BY: SPS BRILLING
RECORDED BY: BLYAOKK
REMARKS: 1
REMARKS: 2

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 SLIM GAMMA NEUTRON 2977 08/10/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE: 9087A.0 07/04/2007 VERSION: 3.64EK



1:200 SLIM GAMMA NEUTRON 2977 08/10/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE: 9087A.0 07/04/2007 VERSION: 3.64EK

DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Sep03.08	10.46.48	GAMMA 1.000	[API-GR] 1.00 [CPS]
1	Sep03.08	10.46.48	GAMMA 250.000	[API-GR] 80.00 [CPS]
2	Sep03.08	10.47.15	NEUTRON 1.000	[API-N] 1.00 [CPS]
2	Sep03.08	10.47.15	NEUTRON 500.000	[API-N] 500.00 [CPS]



COMPENSATED DENSITY
GAMMA-CALIPER-RES
2979

EL VALLEY COAL CORPORATION
2979
FONDING RIVER OPERATIONS
CANADA

2979

OTHER SERVICES:
JHR
R07

COMPANY: EL VALLEY COAL CORPORATION
WELL: 2979
FIELD: FONDING RIVER OPERATIONS
COUNTY: CANADA
STATE: BC
LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
ART NO.: N/A
UNIQUE WELL ID: N/A

PERMANENT DATUM: 01
LOG MEASURED FROM: EL
DRL MEASURED FROM: EL
ELEVATION TO: N/A
ELEVATION OF: N/A

DATE: 08/08/07
DEPTH DRILLER: 294
BIT SIZE: 13.00

LOG LOG TOP: 82.25
LOG LOG BOTTOM: 323.85
CASING OD: N/A
CASING BOTTOM: 9

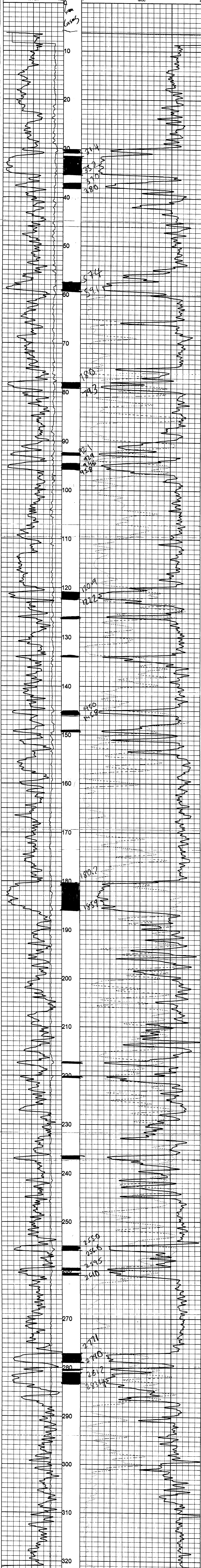
CASING TYPE: STEEL
BONDHOLE FLUID: WATER
BH TEMPERATURE: N/A
MUD RES: N/A
MUD WEIGHT: 1.0
WITNESSED BY: SDS DRILLING
RECORDED BY: BLANTOCK
REMARKS 1:
REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 COMPENSATED DENSITY 2979 08/08/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13.00
PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007 VERSION = 3.64EK

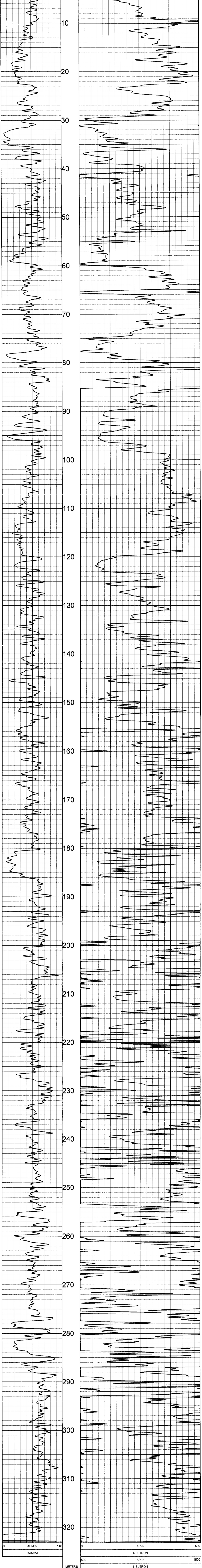


Century WIRELINE SERVICES		SLIM GAMMA-NEUTRON	
2979		2979	
COMPANY	ELK VALLEY COAL CORPORATION	OTHER SERVICES	
WELL	2979	9057	
FIELD	FORGING RIVER OPERATIONS	9299	
COUNTRY	CANADA		
STATE	BC		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
API NO.	N/A		
UNIQUE WELL ID	N/A		
PERMANENT DATUM	GL	ELEVATION KB N/A	
LOG MEASURED FROM GL	GL	ELEVATION OF N/A	
DATE MEASURED FROM GL		ELEVATION OF N/A	
DATE	08/07/07		
DEPTH DRILLER	24		
BIT SIZE	13		
LOG TOP	0.34		
LOG BOTTOM	323.18		
CASING O.D.	N/A		
CASING BOTTOM	6		
CASING TYPE	STEEL		
BORHOLE FLUID	WATER		
NM TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	1.0		
RECORDED BY	SJS DRILLING		
RECORDED BY	BLAYLOCK		
REMARKS 1			
REMARKS 2			

1:200 SLIM GAMMA NEUTRON 2979 08/07/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13
PRESENTATION NAME/DATE = 9087A529.0 08/05/2007 VERSION = 3.64ED



1:200 SLIM GAMMA NEUTRON 2979 08/07/07

LOG PARAMETERS

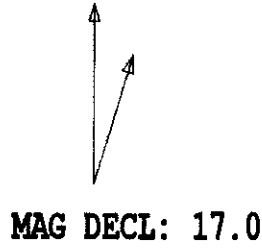
MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13
PRESENTATION NAME/DATE = 9087A529.0 08/05/2007 VERSION = 3.64ED

DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Sep03.06 10.48.48	GAMMA	1.000 [API-GR]	1.00 [CPS]
	Sep03.06 10.48.48	GAMMA	250.000 [API-GR]	80.00 [CPS]
	Sep03.06 10.47.15	NEUTRON	1.000 [API-N]	1.00 [CPS]
	Sep03.06 10.47.15	NEUTRON	500.000 [API-N]	500.00 [CPS]

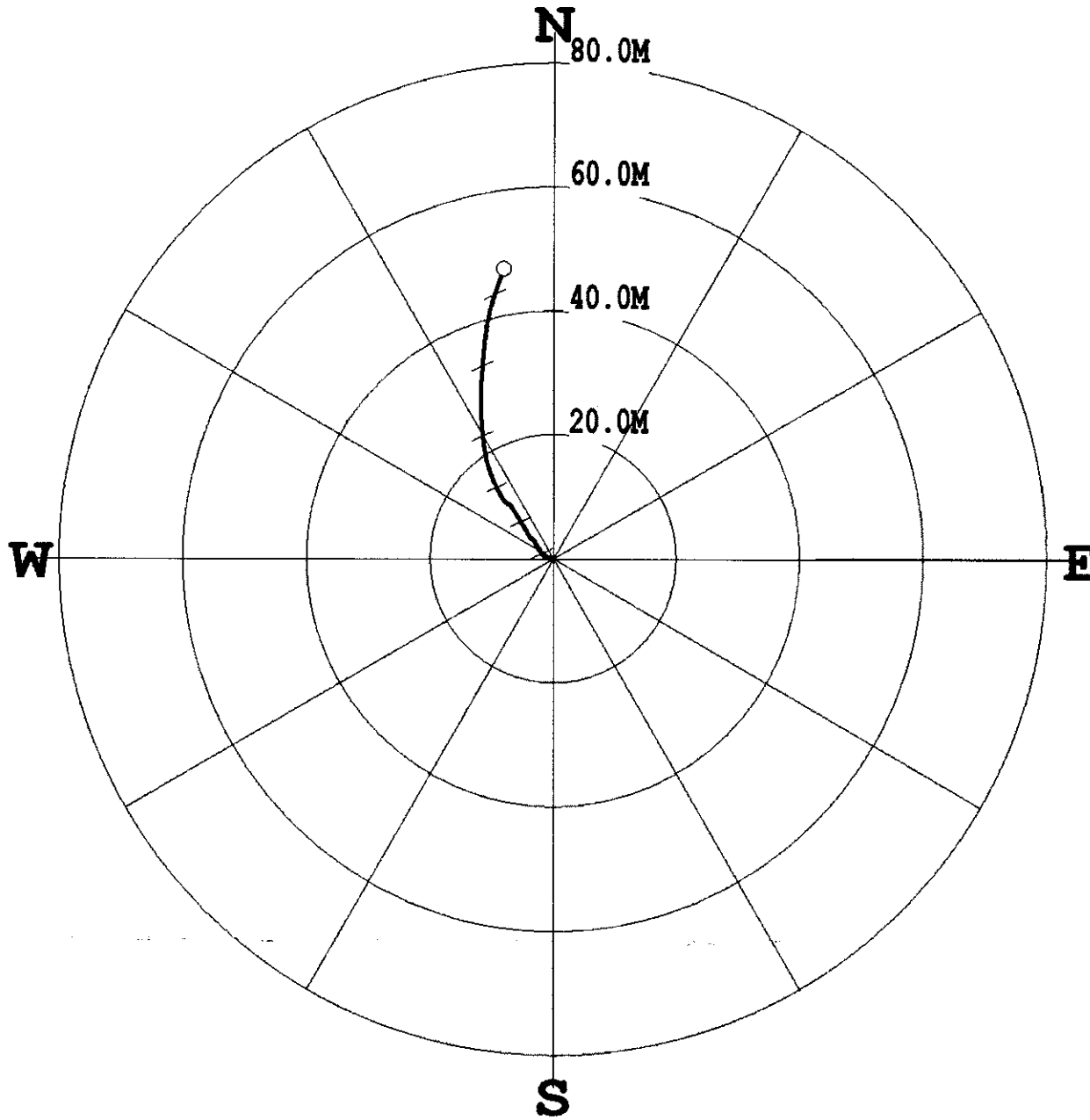
TOOL CALIBRATION 2979 08/07/07 12:19
TOOL 9087A TM VERSION 1
SERIAL NUMBER 529

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2979
 DATE OF LOG: 08/08/07
 PROBE: 9057A 1067



SCALE: 10 M/CM
 TRUE DEPTH: 318.53 M
 AZIMUTH: 350.2
 DISTANCE: 47.4 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL COR HOLE ID. : 2979
 FIELD OFFICE : PENHOLD DATE OF LOG : 08/08/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2979_08-08-07_15-16_9057A_.02_4.85_323.53_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.00	10.01	0.06	-0.04	0.1	327.8	1.1	330.2
20.00	20.01	0.18	-0.27	0.3	304.0	1.8	274.0
30.00	30.00	0.20	-0.70	0.7	286.3	3.1	279.8
40.00	39.98	0.32	-1.28	1.3	284.1	3.7	288.6
50.00	49.94	0.83	-1.88	2.1	293.7	6.0	326.9
60.00	59.88	1.77	-2.43	3.0	306.0	6.4	328.6
70.00	69.81	2.76	-3.07	4.1	312.0	7.0	313.5
80.00	79.75	3.54	-3.86	5.2	312.5	7.2	332.5
90.00	89.65	4.71	-4.55	6.6	316.0	8.2	327.1
100.00	99.56	5.91	-5.26	7.9	318.3	7.8	329.6
110.00	109.46	7.05	-5.97	9.2	319.7	7.5	326.4
120.00	119.38	8.13	-6.70	10.5	320.5	7.7	323.8
130.00	129.30	8.97	-7.62	11.8	319.7	6.6	304.3
140.00	139.21	9.99	-8.45	13.1	319.8	8.4	331.7
150.00	149.09	11.36	-9.18	14.6	321.0	9.2	333.1
160.00	158.96	12.80	-9.82	16.1	322.5	9.2	338.1
170.00	168.84	14.27	-10.38	17.6	324.0	9.6	339.1
180.00	178.69	15.88	-10.86	19.2	325.6	10.1	346.8
190.00	188.54	17.59	-11.18	20.8	327.6	10.0	350.4
200.00	198.36	19.44	-11.43	22.6	329.5	11.3	352.2
210.00	208.15	21.51	-11.63	24.5	331.6	12.3	355.2
220.00	217.90	23.70	-11.74	26.4	333.6	12.8	358.0
230.00	227.65	25.94	-11.81	28.5	335.5	12.9	356.7
240.00	237.40	28.16	-11.74	30.5	337.4	12.8	6.0
250.00	247.14	30.39	-11.55	32.5	339.2	13.4	3.7
260.00	256.88	32.68	-11.37	34.6	340.8	13.2	4.7
270.00	266.61	34.95	-11.17	36.7	342.3	13.1	5.4
280.00	276.35	37.23	-10.89	38.8	343.7	13.3	7.4
290.00	286.08	39.48	-10.49	40.8	345.1	13.1	13.8
300.00	295.81	41.69	-9.89	42.8	346.7	13.3	17.2
310.00	305.54	43.88	-9.16	44.8	348.2	12.9	19.4
320.00	315.28	46.03	-8.34	46.8	349.7	13.5	21.4
323.34	318.53	46.75	-8.06	47.4	350.2	13.1	21.9

2987

COMPANY	ELK VALLEY COAL	OTHER SERVICES
WELL	2987	9239
FIELD	FORDING RIVER OPERATIONS	9057
COUNTRY	CANADA	
PROVINCE	ALBERTA	
LOCATION	N/A	
SECTION	N/A	
TOWNSHIP	N/A	
RANGE	N/A	
LICENCE NO.	N/A	
UNIQUE WELL ID.	N/A	
PERMANENT DATUM	SL	ELEVATION TO N/A
LOG MEASURED FROM	SL	ELEVATION OF N/A
DRL MEASURED FROM	SL	ELEVATION OF N/A
DATE	08/20/07	
DEPTH DRILLER	210	
BIT SIZE	13.00	
LOG TOP	4.23	
LOG BOTTOM	209.91	
CASING LOGGER	N/A	
CASING DRILLER	5	
CASING TYPE	N/A	
BOREHOLE FLUID	WATER	
RA TEMPERATURE	N/A	
MUD RES	N/A	
MUD WEIGHT	1.0	
WITNESSED BY	N/A	
RECORDED BY	S. BENNINGER	
REMARKS 1		
REMARKS 2		

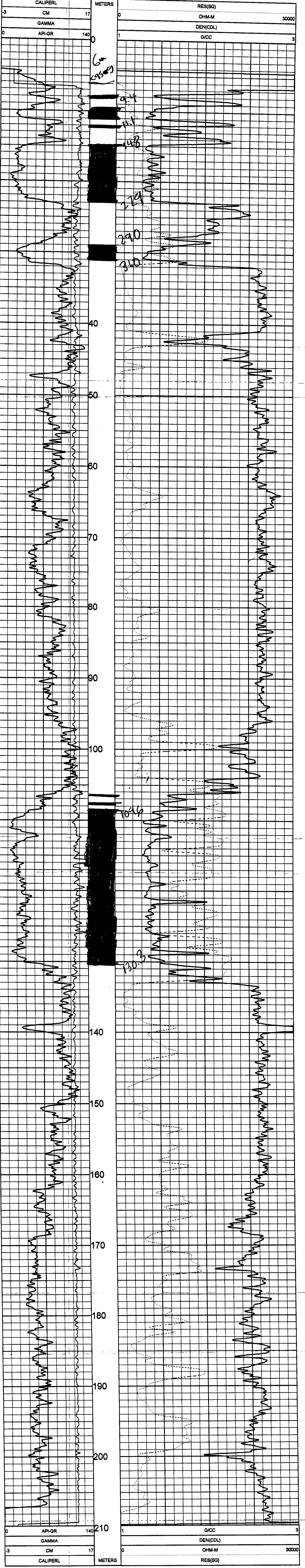
1:200 COMPENSATED DENSITY 2987 08/20/07

LOG PARAMETERS

MATRIX DENSITY: 2.65
MAGNETIC DECL: 17
PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007

NEUTRON MATRIX: SANDSTONE
ELECT. CUTOFF : 99999

MATRIX DELTA T : 177
BIT SIZE : 13.00
VERSION = 3.64EK



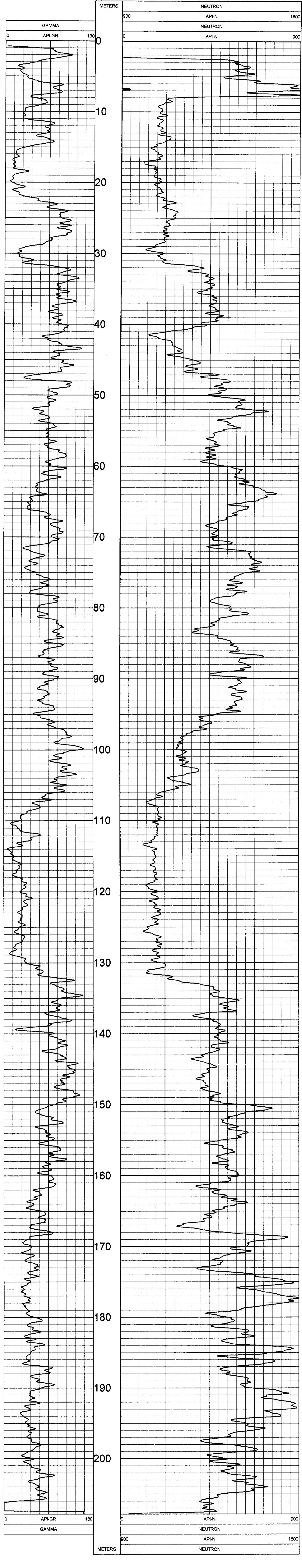
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

COMPANY	ELK VALLEY COAL	OTHER SERVICES	9239 9057
WELL	2987	FORDING RIVER OPERATIONS	
FIELD	CANADA	ALBERTA	
COUNTRY	ALBERTA	SECTION	
PROVINCE	N/A	TOWNSHIP	
LOCATION	N/A	RANGE	
SECTION	N/A	LICENCE NO.	
TOWNSHIP	N/A	UNIQUE WELL ID.	
RANGE	N/A	ELEVATION TO N/A	
LICENCE NO.	N/A	ELEVATION OF N/A	
UNIQUE WELL ID.	N/A	ELEVATION TO N/A	
PERMAMENT DWTUM	GL	ELEVATION OF N/A	
LOG MEASURED FROM GL		ELEVATION TO N/A	
DATE	08/18/07	DATE	
DEPTH DRILLER	210	BIT SIZE	
BIT SIZE	13	LOG TOP	
LOG TOP	0.80	LOG BOTTOM	
LOG BOTTOM	207.80	CASING LOGGER	
CASING LOGGER	N/A	CASING DRILLER	
CASING DRILLER	5	CASING TYPE	
CASING TYPE	N/A	BORHOLE FLUID	
BORHOLE FLUID	WATER	RM TEMPERATURE	
RM TEMPERATURE	N/A	MUD RES	
MUD RES	N/A	MUD WEIGHT	
MUD WEIGHT	1.0	WRITTESS BY	
WRITTESS BY	N/A	RECORDED BY	
RECORDED BY	B. BERNGER	REMARKS 1	
REMARKS 1		REMARKS 2	
REMARKS 2		ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS	

1:200 SLIM GAMMA NEUTRON 2987 08/18/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9067A.0 08/14/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2987 08/18/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9067A.0 08/14/2007 VERSION = 3.64EK

TOOL CALIBRATION 2987 08/18/07 06:48
 TOOL 9067A TM VERSION 1
 SERIAL NUMBER 529

DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Sep03.06 10:48:48	GAMMA	1.000 [API-GR]	1.00 [CPS]
	Sep03.06 10:48:48	GAMMA	250.000 [API-GR]	80.00 [CPS]
2	Sep03.06 10:47:15	NEUTRON	1.000 [API-N]	1.00 [CPS]
	Sep03.06 10:47:15	NEUTRON	500.000 [API-N]	500.00 [CPS]

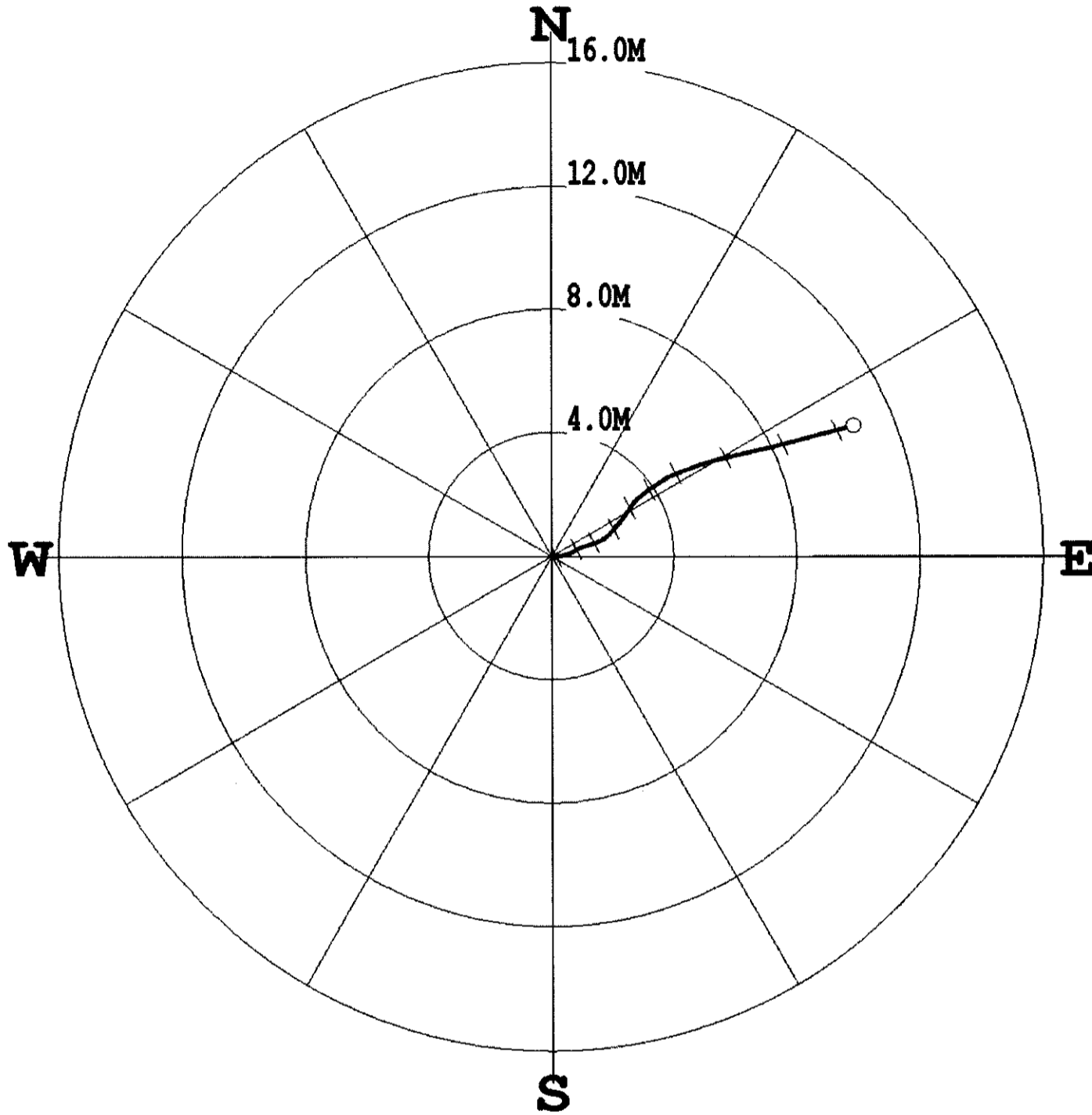
PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2987
 DATE OF LOG: 08/20/07
 PROBE: 9057A 1067



MAG DECL: 17.0

SCALE: 2 M/CM
 TRUE DEPTH: 207.74 M
 AZIMUTH: 66.8
 DISTANCE: 10.7 M
 + = 20 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL HOLE ID. : 2987
 FIELD OFFICE : PENHOLD DATE OF LOG : 08/20/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2987_08-20-07_08-11_9057A_.02_10.09_208.29_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
11.88	11.87	0.00	0.00	0.0	83.3	0.9	83.3
21.00	20.99	-0.01	0.18	0.2	92.0	1.9	85.7
31.00	30.98	0.08	0.57	0.6	81.7	2.3	72.6
41.00	40.98	0.22	0.82	0.9	74.8	1.3	54.8
51.00	50.97	0.31	1.04	1.1	73.3	2.0	72.0
61.00	60.96	0.43	1.42	1.5	73.2	2.5	71.4
71.00	70.96	0.60	1.75	1.9	71.2	2.3	54.8
81.00	80.95	0.89	2.05	2.2	66.4	2.5	40.0
91.00	90.94	1.24	2.33	2.6	62.0	2.2	38.9
101.00	100.93	1.59	2.56	3.0	58.2	2.3	30.9
111.00	110.92	1.90	2.85	3.4	56.3	2.7	56.4
121.00	120.91	2.18	3.21	3.9	55.8	3.2	58.4
131.00	130.90	2.44	3.61	4.4	56.0	2.4	53.8
141.00	140.88	2.68	4.09	4.9	56.7	4.0	70.2
151.00	150.85	2.96	4.84	5.7	58.6	4.5	70.4
161.00	160.81	3.20	5.74	6.6	60.9	6.1	76.4
171.00	170.76	3.41	6.69	7.5	62.9	5.5	75.8
181.00	180.72	3.63	7.58	8.4	64.4	5.0	75.7
191.00	190.68	3.85	8.45	9.3	65.5	4.9	75.1
201.00	200.64	4.08	9.32	10.2	66.4	4.7	76.0
208.12	207.74	4.21	9.83	10.7	66.8	3.8	76.3

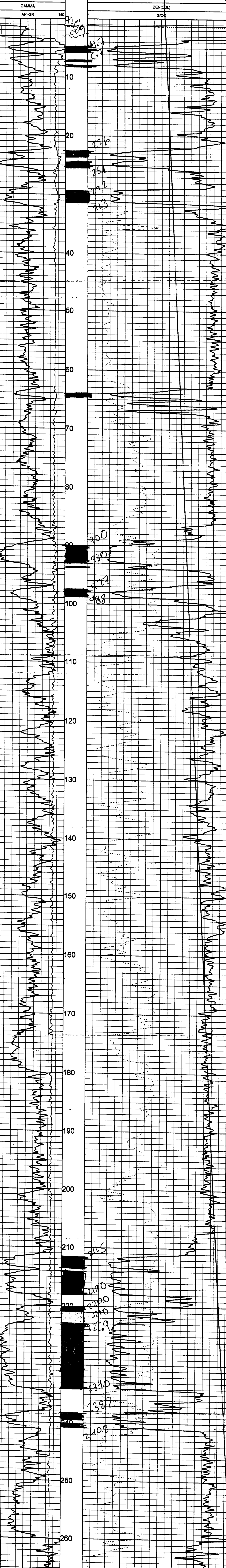
2988

COMPANY	ELK VALLEY COAL	OTHER SERVICES:
WELL	2988	9097
FIELD	FORDING RIVER OPERATIONS	9057
COUNTRY	CANADA	
PROVINCE	ALBERTA	
LOCALITY	N/A	
SECTION	N/A	
TOWNSHIP	N/A	
RANGE	N/A	
LICENCE NO.	N/A	
UNIQUE WELL ID.	N/A	
PERMANENT DATUM	SL	ELEVATION IS N/A
LOG MEASURED FROM SL		ELEVATION OF N/A
DATE	08/22/07	
DEPTH DRILLER	272	
BIT SIZE	13.00	
LOG TOP	1.20	
LOG BOTTOM	299.94	
CASING LOGGER	N/A	
CASING DRILLER	3	
CASING TYPE	N/A	
BOREHOLE FLUID	WATER	
RW TEMPERATURE	N/A	
MUD RES	N/A	
MUD WEIGHT	1.10	
WITNESSED BY	N/A	
RECORDED BY	S. BERINGER	
REMARKS 1	DRILLING CONTINUED AFTER LOGGING THROUGH HOOS	
REMARKS 2		

1:200 COMPENSATED DENSITY 2988 08/22/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007 VERSION = 3.04EK



Century WIRELINE SERVICES		SLIM GAMMA-NEUTRON	
2988		2988	
COMPANY	ELK VALLEY COAL	OTHER SERVICES	
WELL	2988	9057	9239
FIELD	FORDING RIVER OPERATIONS		
COUNTRY	CANADA		
PROVINCE	ALBERTA		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENCE NO.	N/A		
UNIQUE WELL ID.	N/A		
PERMANENT DATUM	GL	ELEVATION M	N/A
LOG MEASURED FROM	GL	ELEVATION FT	N/A
DATE MEASURED FROM	GL	ELEVATION GL	N/A
DATE	08/21/07		
DEPTH DRILLER	252		
BIT SIZE	13.00		
LOG TOP	0.15		
LOG BOTTOM	249.86		
CASING LOGGER	N/A		
CASING DRILLER	3		
CASING TYPE	N/A		
BORHOLE FLUID	WATER		
RM TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	1.0		
WRITTEN BY	B BERINGER		
RECORDED BY			
REMARKS 1			
REMARKS 2			

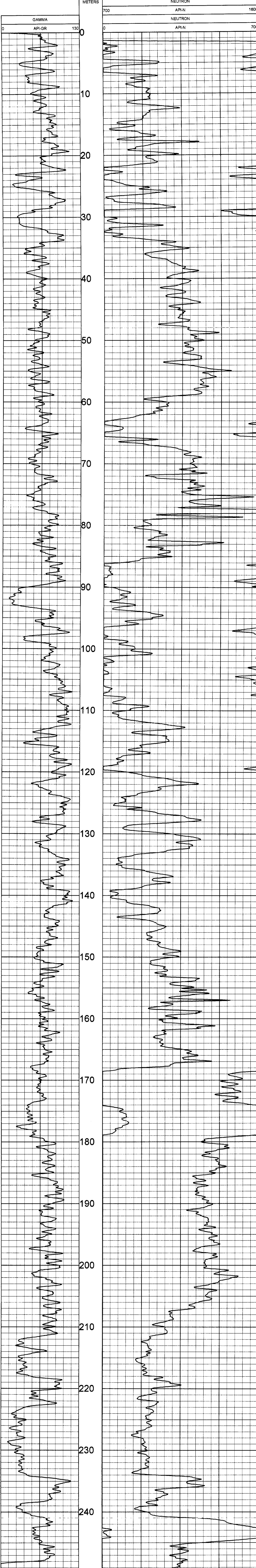
1:200 SLIM GAMMA NEUTRON 2988 08/21/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177

MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.00

PRESENTATION NAME/DATE = 9087A.0 08/14/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2988 08/21/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177

MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.00

PRESENTATION NAME/DATE = 9087A.0 08/14/2007 VERSION = 3.64EK

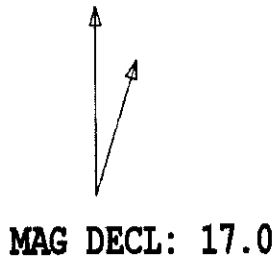
DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Sep03.06 10:46:48	GAMMA	1.000 [API-GR]	1.00 [CPS]
	Sep03.06 10:46:48	GAMMA	250.000 [API-GR]	80.00 [CPS]
2	Sep03.06 10:47:15	NEUTRON	1.000 [API-N]	1.00 [CPS]
	Sep03.06 10:47:15	NEUTRON	500.000 [API-N]	500.00 [CPS]

TOOL CALIBRATION 2988 08/21/07 20:36
 TOOL 9087A TM VERSION 1
 SERIAL NUMBER 529

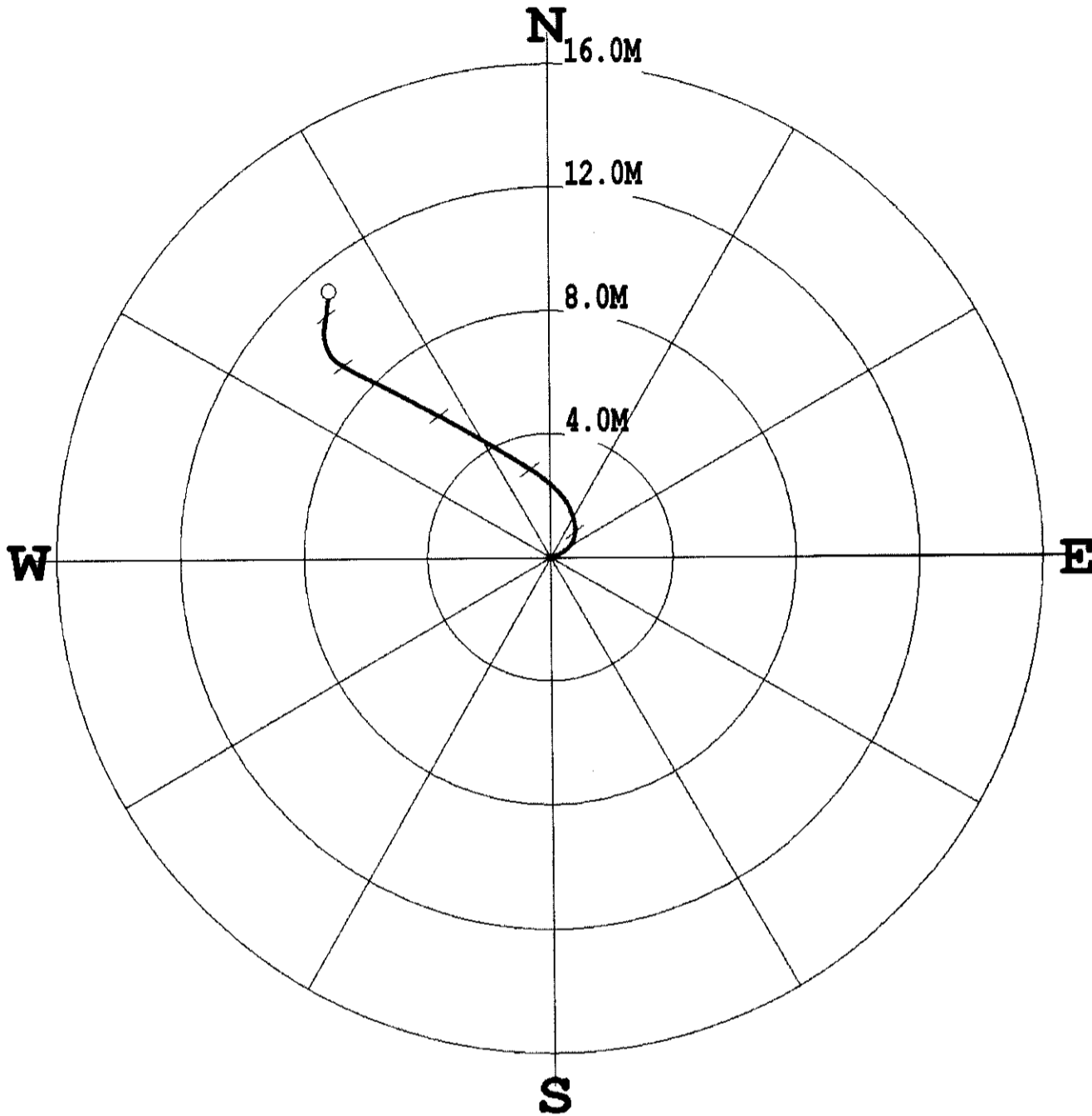
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS.

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2988
 DATE OF LOG: 08/22/07
 PROBE: 9057A 1067



SCALE: 2 M/CM
 TRUE DEPTH: 268.90 M
 AZIMUTH: 320.5
 DISTANCE: 11.2 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

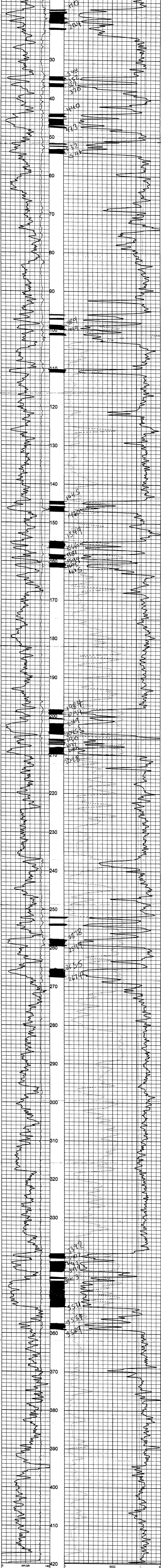
CLIENT : ELK VALLEY COAL HOLE ID. : 2988
 FIELD OFFICE : PENHOLD DATE OF LOG : 08/22/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2988_08-22-07_11-15_9057A_.02_8.50_269.45_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.26	10.26	0.00	0.00	0.0	59.4	1.5	59.4
20.00	20.00	0.08	0.21	0.2	69.7	1.2	58.8
30.00	29.99	0.23	0.47	0.5	64.0	2.3	54.9
40.00	39.99	0.48	0.70	0.8	55.6	2.0	27.4
50.00	49.98	0.82	0.79	1.1	44.1	2.2	2.7
60.00	59.97	1.25	0.74	1.5	30.7	2.7	343.3
70.00	69.96	1.68	0.58	1.8	18.9	3.0	332.3
80.00	79.95	2.11	0.26	2.1	7.0	3.3	317.3
90.00	89.93	2.50	-0.16	2.5	356.3	3.1	305.8
100.00	99.91	2.84	-0.64	2.9	347.3	3.7	297.9
110.00	109.89	3.18	-1.17	3.4	339.7	3.8	302.6
120.00	119.87	3.53	-1.75	3.9	333.6	4.0	299.8
130.00	129.84	3.88	-2.35	4.5	328.8	4.0	300.4
140.00	139.82	4.24	-2.96	5.2	325.1	3.8	301.3
150.00	149.79	4.58	-3.58	5.8	322.0	4.6	296.5
160.00	159.76	4.93	-4.25	6.5	319.3	4.3	303.1
170.00	169.74	5.26	-4.85	7.2	317.3	3.8	298.8
180.00	179.71	5.60	-5.50	7.8	315.5	4.1	298.4
190.00	189.69	5.91	-6.13	8.5	313.9	3.6	298.2
200.00	199.67	6.21	-6.66	9.1	313.0	3.0	301.6
210.00	209.66	6.50	-7.04	9.6	312.7	2.2	320.6
220.00	219.65	6.82	-7.21	9.9	313.4	1.8	330.8
230.00	229.65	7.15	-7.29	10.2	314.4	1.9	352.4
240.00	239.64	7.48	-7.28	10.4	315.8	2.0	5.3
250.00	249.63	7.83	-7.23	10.7	317.3	2.0	6.2
260.00	259.63	8.24	-7.18	10.9	318.9	2.6	11.3
269.28	268.90	8.64	-7.12	11.2	320.5	2.6	10.4

COMPANY: ELK VALLEY COAL CORPORATION		OTHER SERVICES:	
WELL: 2989	FIELD: 2989	FORMING LINES OPERATIONS:	2989
COUNTRY: CANADA	STATE: QC	DATE: 08/27	REVISION: 0007
LOCATION: N/A	SECTION: N/A	TOWNSHIP: N/A	RANGE: N/A
API NO: N/A	PERMANENT WELL ID: N/A	PERMANENT DATUM: SL	ELEVATION OF N/A
LOG MEASURED FROM: SEL	DATE: 08/27/07	DEPTH DRILLER: 430	BIT SIZE: 13.00
LOG TOP: 1.88	LOG BOTTOM: 418.27	CASING OD: N/A	CASING BOTTOM: 3
CASING TYPE: STEEL	ROBBERE FLUID: WATER	WATER: N/A	WATER TEMPERATURE: N/A
API-GR: 140	MAGNETIC DECL: 17.00	PRESENTATION NAME/DATE: #139-PRINT-RES.0 07/07/2007	NEUTRON MATRIX: SANDSTONE
GAMMA	ELECT. CUTOFF: 69999	MATRIX DELTA T: 177	BIT SIZE: 13.00
CM	VERSION: 3.64EX		

1:200 SLIM GAMMA NEUTRON 2989 08/26/07
LOG PARAMETERS

MATRIX DENSITY: 2.85 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 69999 BIT SIZE: 13.00
PRESENTATION NAME/DATE = #139-PRINT-RES.0 07/07/2007 VERSION = 3.64EX



COMPANY: ELK VALLEY COAL CORPORATION
WELL: 2989
FIELD: FORDING RIVER OPERATIONS

STATE: BC
COUNTRY: CANADA
OTHER SERVICES: 9057 9067

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A

NAME: N/A
WELL ID: N/A

PERMANENT DATUM: ELEVATION 88 N/A
LOG MEASURED FROM: ELEVATION 84 N/A

DATE: 08/25/2007
DEPTH ORIFER: 420
BIT SIZE: 13

LOG TOP: 0.00
LOG BOTTOM: 418.21
CASING OD: N/A
CASING BOTTOM: 3

CASING TYPE: STEEL
SOURCER FLUID: WATER
SOLUBLE FLUID: N/A

WELL TEMPERATURE: N/A
MAGNETIC DECL: 17.00
MAGNETIC DECL: 17.00

WELL WEIGHT: 1.0
WIRELINE: SPS WIRING
RECORDED BY: BLAYLOCK

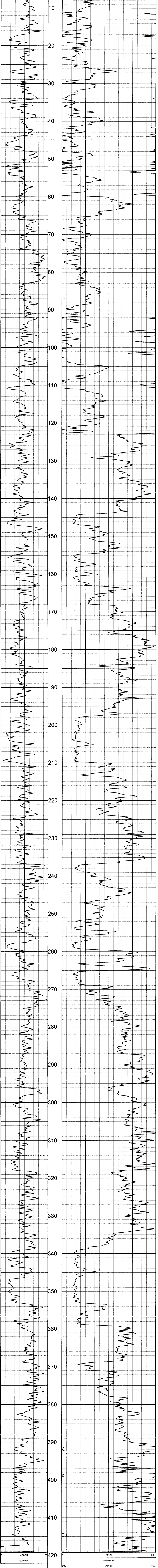
REMARKS 1:
REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 SLIM GAMMA NEUTRON 2989 08/25/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE = 9067A_530.0 08/25/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2989 08/25/07

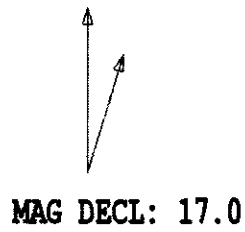
LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE = 9067A_530.0 08/25/2007 VERSION = 3.64EK

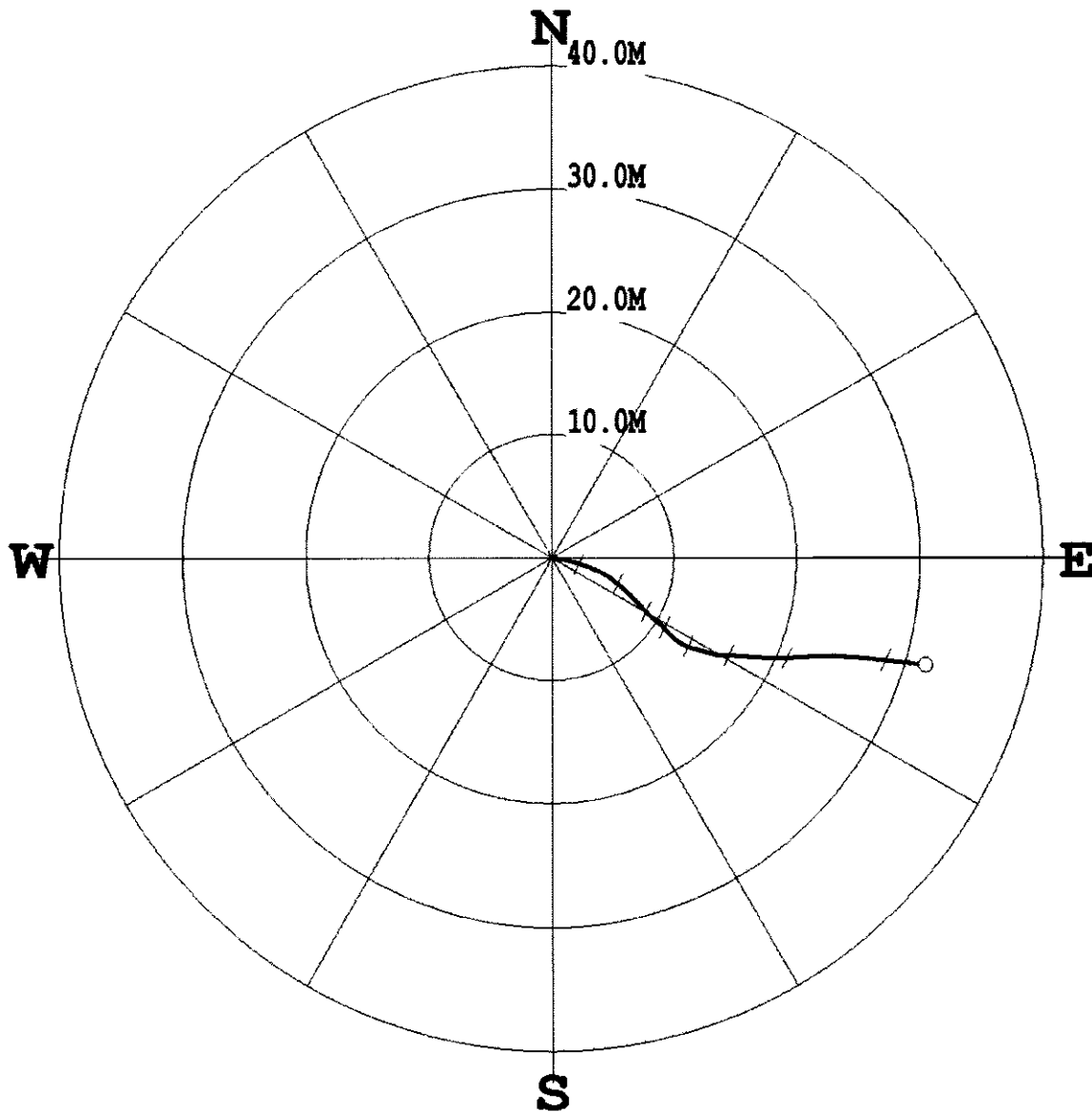
TOOL CALIBRATION	2989 08/25/07 06:11				
TOOL	9067A	TM VERSION 1			
SERIAL NUMBER	530				
DATE	TIME	SENSOR	STANDARD	RESPONSE	
1	Jul20.07 01:44:30	GAMMA	1 000 [API-GR]	1.00	(CPS)
	Jul20.07 01:44:30	GAMMA	250 000 [API-GR]	52.00	(CPS)
2	Sep03.06 10:47:15	NEUTRON	1 000 [API-N]	1.00	(CPS)
	Sep03.06 10:47:15	NEUTRON	500 000 [API-N]	500.00	(CPS)

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2989
 DATE OF LOG: 08/26/07
 PROBE: 9057A 1067



SCALE: 5 M/CM
 TRUE DEPTH: 417.78 M
 AZIMUTH: 106.0
 DISTANCE: 31.6 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL COR HOLE ID. : 2989
 FIELD OFFICE : PENHOLD DATE OF LOG : 08/26/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2989_08-26-07_14-38_9057A_.02_1.34_419.67_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
5.00	5.00	-0.01	0.02	0.0	102.5	1.2	74.8
15.00	15.00	-0.06	0.28	0.3	103.1	2.2	104.7
25.00	24.98	-0.15	0.83	0.8	100.6	3.6	95.6
35.00	34.97	-0.24	1.36	1.4	100.0	3.1	101.4
45.00	44.95	-0.39	1.91	2.0	101.4	3.3	101.6
55.00	54.93	-0.58	2.47	2.5	103.2	3.3	110.4
65.00	64.90	-0.82	3.16	3.3	104.5	4.4	114.0
75.00	74.87	-1.11	3.86	4.0	106.0	4.1	114.3
85.00	84.85	-1.47	4.51	4.7	108.0	3.9	121.1
95.00	94.82	-1.86	5.05	5.4	110.3	4.6	133.5
105.00	104.79	-2.35	5.65	6.1	112.6	4.5	130.2
115.00	114.77	-2.85	6.20	6.8	114.7	4.0	134.6
125.00	124.74	-3.34	6.67	7.5	116.6	3.6	137.0
135.00	134.72	-3.79	7.10	8.0	118.1	3.4	138.4
145.00	144.71	-4.19	7.45	8.5	119.4	3.1	137.9
155.00	154.70	-4.57	7.81	9.0	120.3	2.9	129.4
165.00	164.68	-4.91	8.20	9.6	120.9	2.9	127.1
175.00	174.67	-5.20	8.56	10.0	121.3	2.7	128.3
185.00	184.67	-5.38	8.83	10.3	121.4	1.0	133.5
195.00	194.66	-5.53	8.99	10.6	121.6	2.3	130.1
205.00	204.65	-5.86	9.28	11.0	122.3	2.7	139.3
215.00	214.64	-6.21	9.60	11.4	122.9	2.8	137.1
225.00	224.63	-6.54	9.94	11.9	123.3	2.6	125.8
235.00	234.62	-6.82	10.33	12.4	123.4	3.0	121.2
245.00	244.61	-7.08	10.79	12.9	123.3	2.9	119.7
255.00	254.59	-7.31	11.35	13.5	122.8	4.0	109.1
265.00	264.56	-7.51	12.04	14.2	122.0	3.9	125.3
275.00	274.54	-7.69	12.71	14.9	121.2	3.7	105.6
285.00	284.52	-7.85	13.31	15.5	120.5	3.6	100.3
295.00	294.50	-7.93	13.97	16.1	119.6	3.9	92.1
305.00	304.47	-7.92	14.64	16.7	118.4	3.5	93.3
315.00	314.45	-7.96	15.30	17.2	117.5	4.0	90.8
325.00	324.42	-8.01	16.03	17.9	116.5	4.9	95.5
335.00	334.37	-8.08	17.00	18.8	115.4	6.1	97.9
345.00	344.29	-8.10	18.31	20.0	113.9	7.8	88.6
355.00	354.19	-8.07	19.70	21.3	112.3	8.0	86.5
365.00	364.09	-7.99	21.13	22.6	110.7	8.1	87.0
375.00	373.97	-7.97	22.68	24.0	109.4	9.2	90.4
385.00	383.84	-8.02	24.29	25.6	108.3	9.5	94.2
395.00	393.69	-8.18	25.98	27.2	107.5	9.9	96.0
405.00	403.53	-8.36	27.76	29.0	106.8	10.5	95.9
415.00	413.36	-8.59	29.55	30.8	106.2	10.3	110.6
417.78	417.78	-8.69	30.38	31.6	106.0	11.4	92.6

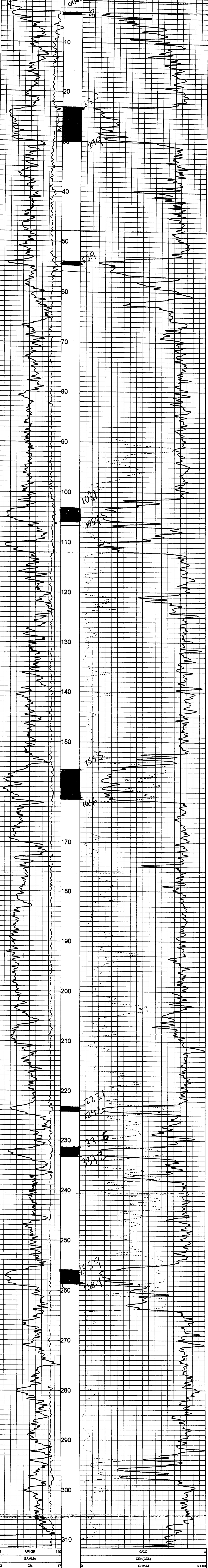
2990

COMPANY	ELK VALLEY COAL CORPORATION	OTHER SERVICES	2990 8007 8007
WELL	2990		
FIELD	FORDING RIVER OPERATIONS		
COUNTY	CANADA		
PROVINCE	SC		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENCE NO.	N/A		
LAND/IE WELL ID.	N/A		
PERMITS/DATA	GL	ELEVATION IN M	
LOG MEASURED FROM GL		ELEVATION OF N/A	
DATE	08/14/07		
DEPTH DRILLER	312		
BIT SIZE	13.00		
LOG TOP	1.55		
LOG BOTTOM	311.71		
CASING LOOPER	N/A		
CASING DRILLER	3		
CASING TYPE	STEEL		
ROD/SHOULDER FLUID	WATER		
RAI TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	1.10		
WITNESSED BY	SUS DRILLING		
REMARKS 1	REMARKS 1		
REMARKS 2	REMARKS 2		

1:200 COMPENSATED DENSITY 2990 08/14/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17.00 ELECT. CUTOFF : 00000 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007 VERSION = 3.64EK



1:200 COMPENSATED DENSITY 2990 08/14/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17.00 ELECT. CUTOFF : 00000 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007 VERSION = 3.64EK

COMPANY: ELK VALLEY COAL CORPORATION
WELL: 2990
FIELD: FORDING RIVER OPERATIONS
COUNTY: CANADA
STATE: BC

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
API NO: N/A

UNIQUE WELL ID: N/A
ELEVATION 48: N/A
ELEVATION OF N/A
ELEVATION 91: N/A

PERMANENT TAG: 52
LOG MEASURED FROM: GL
DATE MEASURED FROM: GL

DATE: 08/12/07
DEPTH DRILLER: 312
BIT SIZE: 13

LOG TOP: 3.22
LOG BOTTOM: 329.86
CASING CD: N/A

CASING BOTTOM: 3
CASING TYPE: STEEL
BOREHOLE FLUID: WATER

RAM TEMPERATURE: N/A
MUD RES: N/A
MUD WEIGHT: 1.0

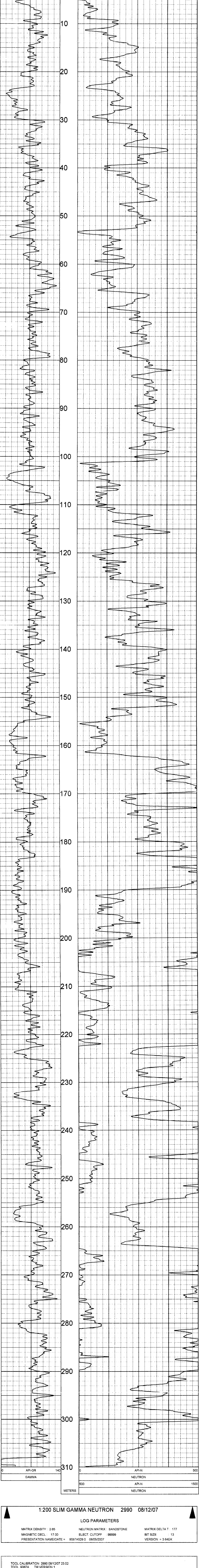
WITNESSED BY: SPS DRILLING
RECORDED BY: B-LAOKO
REMARKS 1:
REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 SLIM GAMMA NEUTRON 2990 08/12/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE = 9067A529.0 08/05/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2990 08/12/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE = 9067A529.0 08/05/2007 VERSION = 3.64EK

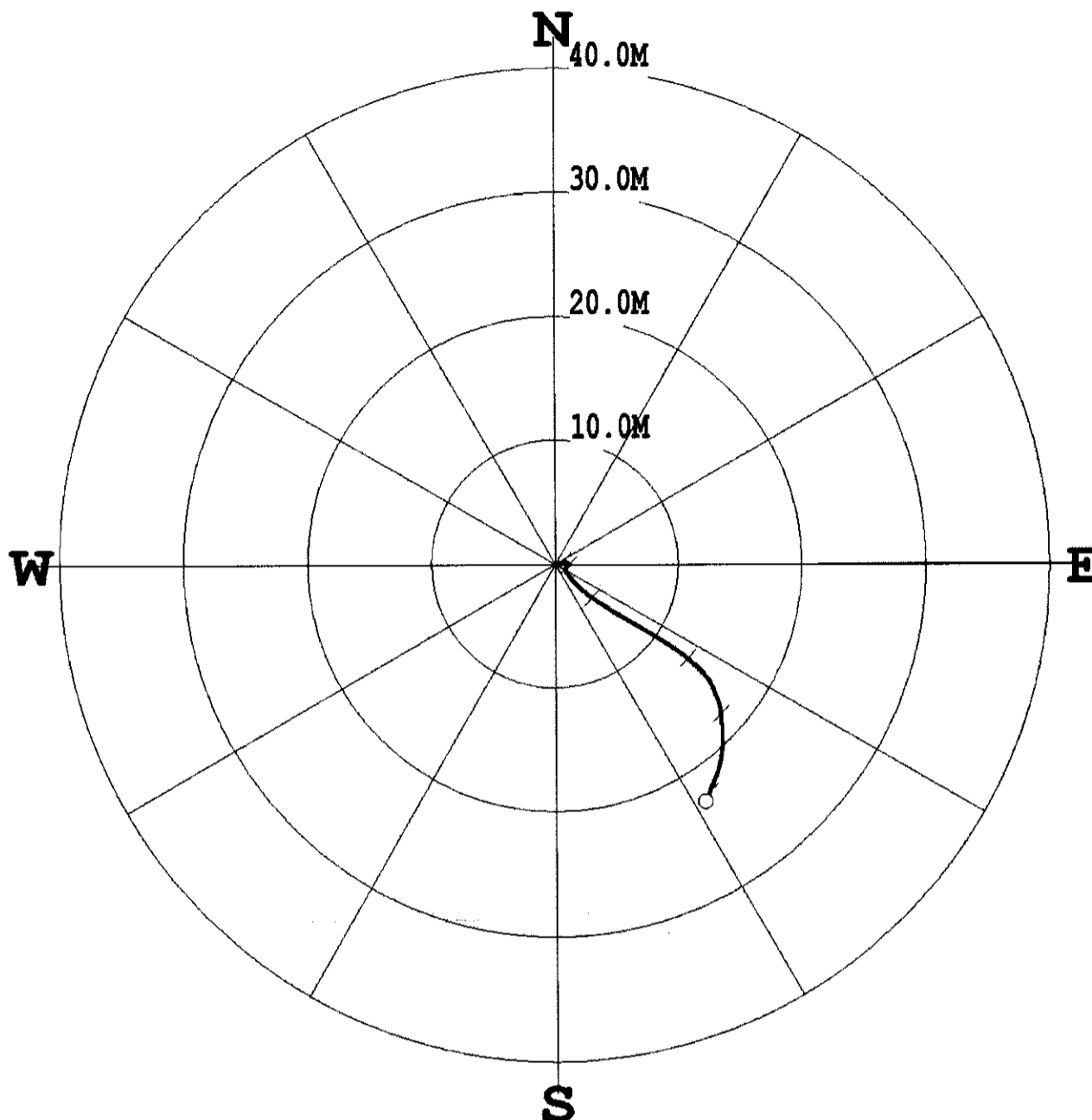
TOOL CALIBRATION 2990 08/12/07 23.02				
TOOL 9067A TM VERSION 1				
SERIAL NUMBER 529				
DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Sep03,06 10:46:48	GAMMA	1.000 [API-GR]	1.00 [CPS]
	Sep03,06 10:46:48	GAMMA	250.000 [API-GR]	80.00 [CPS]
2	Sep03,06 10:47:15	NEUTRON	1.000 [API-N]	1.00 [CPS]
	Sep03,06 10:47:15	NEUTRON	500.000 [API-N]	500.00 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2990
 DATE OF LOG: 08/14/07
 PROBE: 9057A 1067



SCALE: 5 M/CM
 TRUE DEPTH: 305.21 M
 AZIMUTH: 147.7
 DISTANCE: 22.6 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL COR HOLE ID. : 2990
 FIELD OFFICE : PENHOLD DATE OF LOG : 08/14/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2990_08-14-07_09-57_9057A_.02_8.17_307.22_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.00	9.99	-0.00	0.00	0.0	162.0	0.5	152.2
20.00	19.99	-0.05	0.10	0.1	115.7	0.8	82.6
30.00	29.99	-0.01	0.32	0.3	91.7	1.7	76.5
40.00	39.98	0.10	0.59	0.6	80.0	1.5	47.4
50.00	49.98	0.21	0.64	0.7	71.5	0.3	343.3
60.00	59.98	0.20	0.67	0.7	73.7	1.2	105.1
70.00	69.98	0.18	0.85	0.9	77.8	0.8	126.0
80.00	79.98	0.10	1.01	1.0	84.5	0.8	144.5
90.00	89.98	-0.02	1.16	1.2	90.9	0.7	80.1
100.00	99.97	-0.10	1.03	1.0	95.6	1.5	239.5
110.00	109.97	-0.35	0.85	0.9	112.3	1.5	207.8
120.00	119.96	-0.63	0.89	1.1	125.3	2.4	159.0
130.00	129.95	-1.10	1.22	1.6	131.9	3.7	141.8
140.00	139.91	-1.75	1.83	2.5	133.7	6.5	137.5
150.00	149.80	-2.67	2.93	4.0	132.4	9.5	122.8
160.00	159.64	-3.66	4.41	5.7	129.7	10.9	118.9
170.00	169.46	-4.61	6.02	7.6	127.5	10.4	118.7
180.00	179.27	-5.58	7.69	9.5	126.0	10.9	121.3
190.00	189.10	-6.56	9.25	11.3	125.4	10.0	122.9
200.00	198.97	-7.49	10.55	12.9	125.4	8.6	129.5
210.00	208.89	-8.37	11.53	14.2	126.0	6.7	132.9
220.00	218.82	-9.18	12.27	15.3	126.8	6.1	139.8
230.00	228.78	-9.96	12.68	16.1	128.1	4.8	164.3
240.00	238.75	-10.76	13.01	16.9	129.6	5.8	155.1
250.00	248.68	-11.87	13.32	17.8	131.7	7.4	186.6
260.00	258.59	-13.17	13.43	18.8	134.4	7.3	176.3
270.00	268.51	-14.42	13.46	19.7	137.0	7.6	186.4
280.00	278.43	-15.72	13.30	20.6	139.8	7.5	192.0
290.00	288.34	-16.95	12.96	21.3	142.6	8.1	214.6
300.00	298.26	-18.09	12.49	22.0	145.4	9.4	198.9
307.04	305.21	-19.12	12.10	22.6	147.7	9.7	200.5

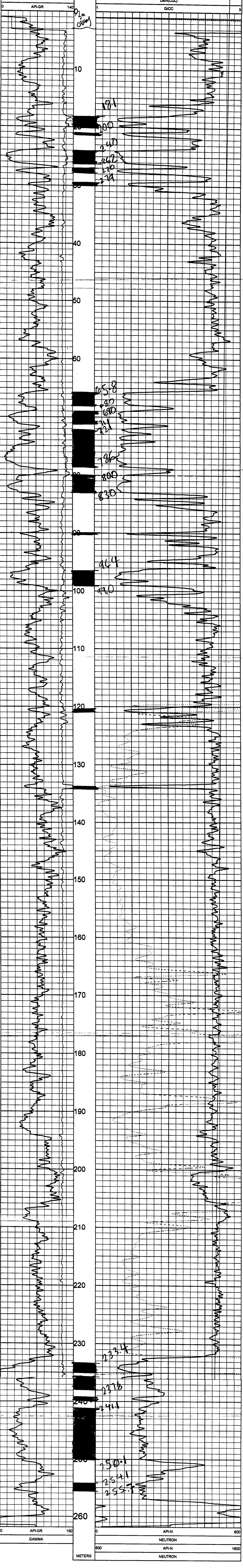
2991

COMPANY	ELK VALLEY COAL	OTHER SERVICES	
WELL	2991	9007	9007
FIELD	FORBING RIVER OPERATIONS		
COUNTRY	CANADA		
PROVINCE	ALBERTA		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENCE NO.	N/A		
UNIQUE WELL ID.	N/A		
PERMANENT CATALOG	EL	ELEVATION TO N/A	
LOG MEASURED FROM	EL	ELEVATION OF N/A	
DRILL MEASURED FROM	EL	ELEVATION TO N/A	
DATE	08/17/07		
DEPTH DRILLER	294		
BIT SIZE	13.00		
LOG TOP	1.00		
LOG BOTTOM	237.01		
CASING LOGGER	N/A		
CASING DRILLER	3		
CASING TYPE	N/A		
BORINGHOLE FLUID	WATER		
BM TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	11.0		
WITNESSED BY	N/A		
RECORDED BY	B. BERINGER		
REMARKS 1	BRIDGED IN COAL SCAM AT 237M		
REMARKS 2			

1:200 COMPENSATED DENSITY 2991 08/17/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL. : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007 VERSION = 3.84EK



1:200 SLIM GAMMA NEUTRON 2991 08/15/07

LOG PARAMETERS

COMPANY: ELK VALLEY COAL
WELL: 2991
FIELD: FORDING RIVER OPERATIONS
COUNTRY: CANADA
PROVINCE: ALBERTA

OTHER SERVICES:
9657
9298

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
LICENCE NO.: N/A
UNIQUE WELL ID.: N/A

PERMANENT DATUM: GL
LOG MEASURED FROM: GL
DRL MEASURED FROM: GL
ELEVATION RB: N/A
ELEVATION DR: N/A
ELEVATION GL: N/A

DATE: 08/15/07
DEPTH DRILLER: 294
BIT SIZE: 13

LOG TOP: 0.32
LOG BOTTOM: 261.80
CASING DRILLER: N/A

CASING TYPE: N/A
BORHOLE FLUID: WATER
RM TEMPERATURE: N/A

MUD RES: N/A
MUD WEIGHT: 1.0
WITNESSED BY: N/A

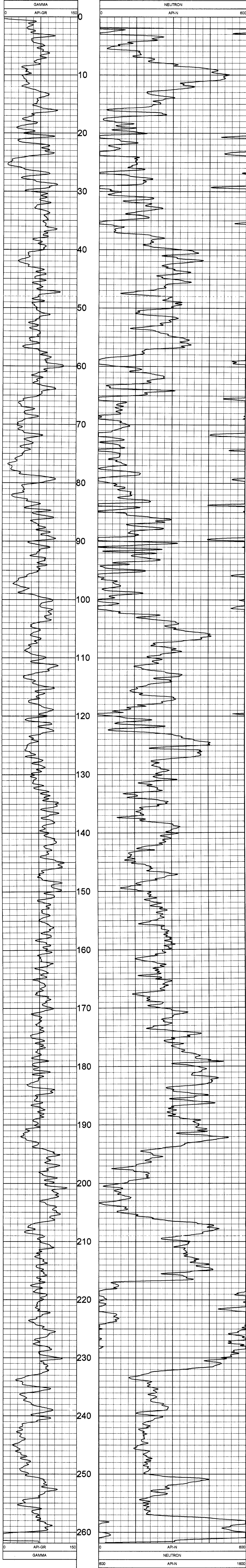
RECORDED BY: B. BRINGER
REMARKS 1:
REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 SLIM GAMMA NEUTRON 2991 08/15/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE: 9067A.0 08/14/2007 VERSION: 3.64EK

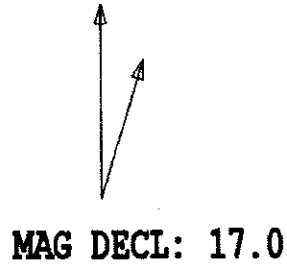


1:200 SLIM GAMMA NEUTRON 2991 08/15/07

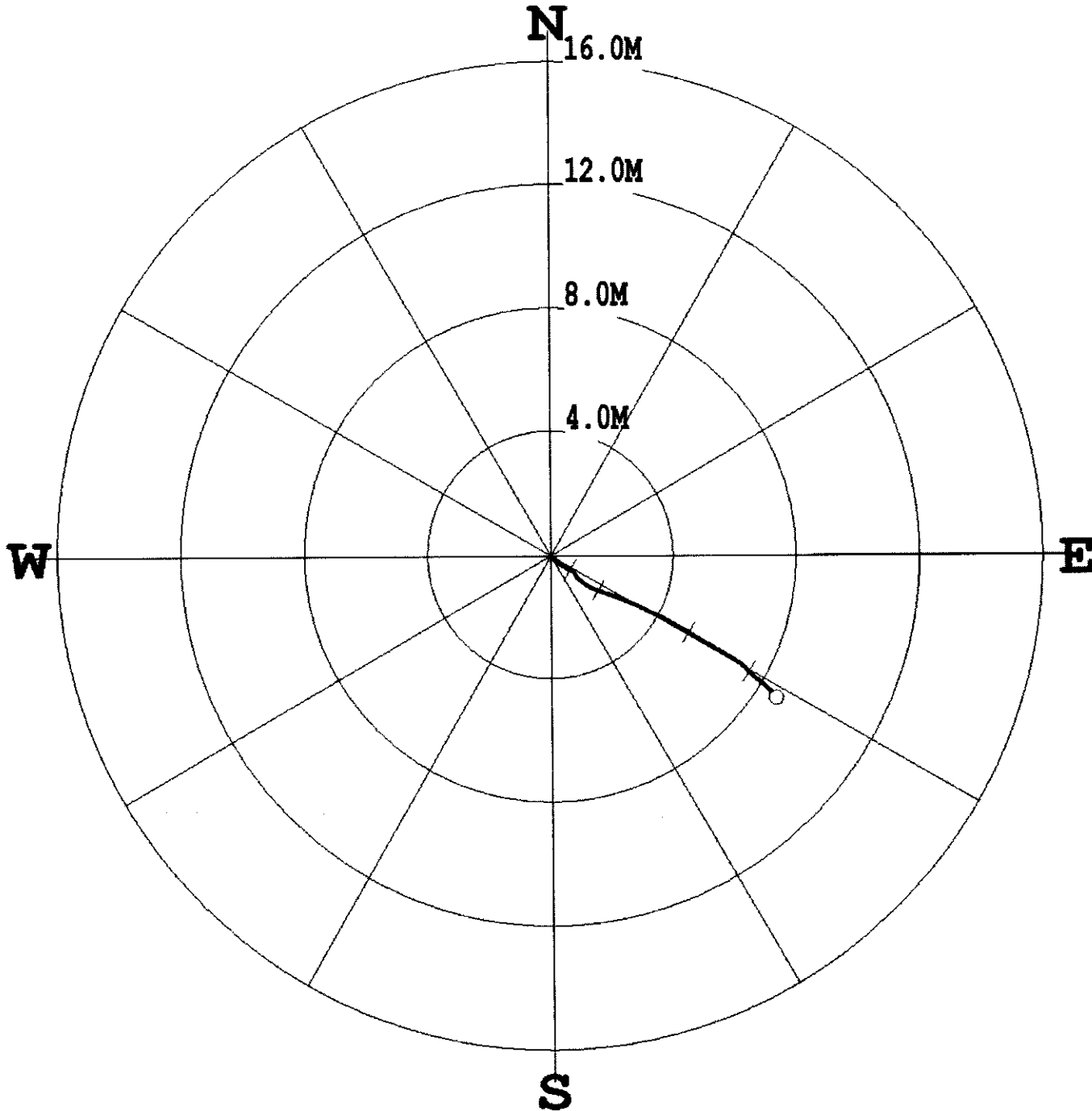
LOG PARAMETERS

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2991
 DATE OF LOG: 08/17/07
 PROBE: 9057A 1067



SCALE: 2 M/CM
 TRUE DEPTH: 233.93 M
 AZIMUTH: 122.3
 DISTANCE: 8.6 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL HOLE ID. : 2991
 FIELD OFFICE : PENHOLD DATE OF LOG : 08/17/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2991_08-17-07_19-04_9057A_.02_11.85_234.34_DEVI.log

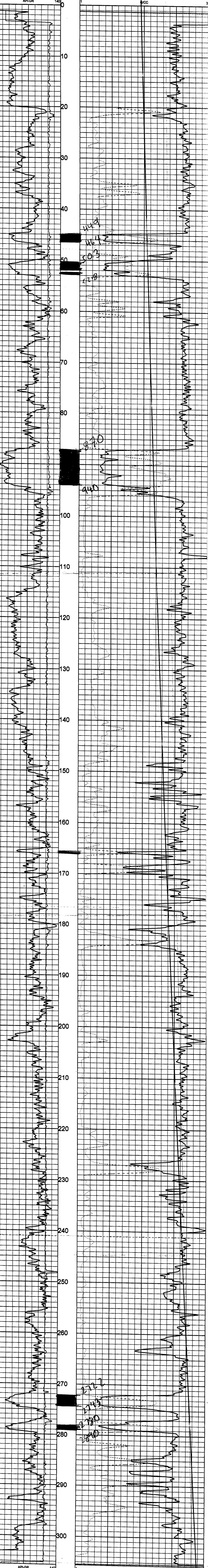
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
13.62	13.61	-0.00	0.00	0.0	120.2	0.5	120.2
22.00	21.99	-0.07	0.08	0.1	130.0	0.9	136.9
32.00	31.99	-0.20	0.21	0.3	133.8	1.3	136.1
42.00	41.98	-0.37	0.45	0.6	129.3	1.7	128.8
52.00	51.98	-0.47	0.65	0.8	125.7	0.9	112.4
62.00	61.98	-0.49	0.73	0.9	124.0	0.2	133.4
72.00	71.98	-0.56	0.77	0.9	125.9	0.9	170.7
82.00	81.98	-0.70	0.86	1.1	129.4	1.6	123.2
92.00	91.97	-0.91	1.11	1.4	129.5	2.4	124.5
102.00	101.95	-1.18	1.67	2.0	125.2	4.3	109.0
112.00	111.93	-1.43	2.34	2.7	121.5	4.2	116.1
122.00	121.90	-1.70	2.94	3.4	120.0	4.0	123.4
132.00	131.88	-1.98	3.53	4.1	119.2	3.4	115.6
142.00	141.86	-2.26	4.06	4.6	119.1	3.3	122.8
152.00	151.85	-2.55	4.55	5.2	119.3	3.3	119.7
162.00	161.83	-2.85	5.04	5.8	119.5	3.2	121.4
172.00	171.82	-3.13	5.54	6.4	119.5	3.2	121.2
182.00	181.80	-3.38	5.96	6.9	119.6	2.5	117.9
192.00	191.80	-3.57	6.22	7.2	119.9	2.0	127.7
202.00	201.79	-3.81	6.45	7.5	120.6	2.0	130.1
212.00	211.78	-4.07	6.77	7.9	121.0	2.8	128.5
222.00	221.77	-4.35	7.07	8.3	121.6	1.7	132.1
232.00	231.77	-4.56	7.27	8.6	122.1	1.9	153.3
234.16	233.93	-4.62	7.31	8.6	122.3	2.3	145.3

2992

COMPANY	ELK VALLEY COAL	OTHER SERVICES	
WELL	2992	8027	8027
FIELD	FORGING RIVER OPERATIONS		
COUNTRY	CANADA		
PROVINCE	ALBERTA		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENCE NO.	N/A		
UNIQUE WELL ID	N/A	ELEVATION IG N/A	
PERMANENT DATA	SL	ELEVATION OF N/A	
LOG MEASURED FROM SL		ELEVATION OF N/A	
DATE	20/11/07		
DEPTH DRILLER	205		
BIT SIZE	13.00		
LOG TOP	1.22		
LOG BOTTOM	285.56		
CASING LOGGER	N/A		
CASING DRILLER	3		
CASING TYPE	N/A		
BORHOLES FLUID	WATER		
RAI TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	1.0		
WITNESSED BY	A. BERINGER		
RECORDED BY			
REMARKS 1			
REMARKS 2			

1:200 DENSITY 2992 08/17/07

LOG PARAMETERS
 MATRIX DENSITY : 2.65
 MAGNETIC DECL : 17
 PRESENTATION NAME/DATE = 9130-PRINT-RES.0 07/07/2007
 NEUTRON MATRIX : SANDSTONE
 ELECT. CUTOFF : 90000
 MATRIX DELTA T : 177
 BIT SIZE : 13.00
 VERSION = 3.64EK



CALIPERL	CM	17
GAMMA	API-GR	140
RES(SG)	OHM-M	30000

COMPANY	ELK VALLEY COAL	OTHER SERVICES	
WELL	2992	9067	
FIELD	FORSYTH RIVER OPERATIONS	9057	
COUNTRY	CANADA		
PROVINCE	ALBERTA		
LOCATION			
SECTION			
TOWNSHIP			
RANGE			
LICENCE NO.			
UNIQUE WELL ID.			

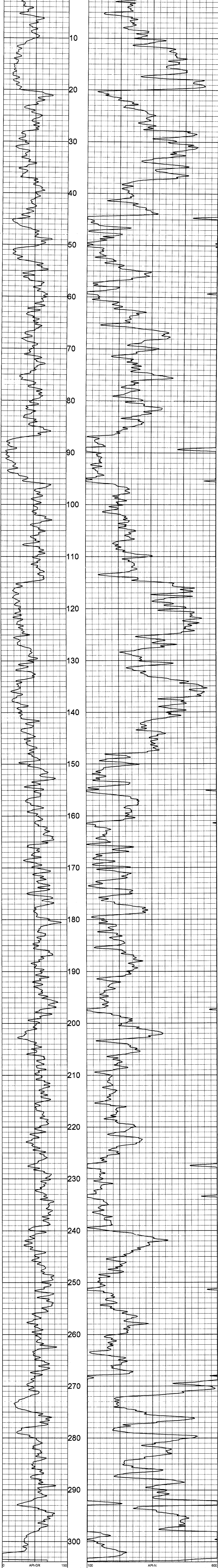
PERMANENT DATUM	SL	ELEVATION KB N/A
LOG MEASURED FROM GL		ELEVATION OF N/A
DATE	08/16/07	ELEVATION GL N/A
DEPTH DRILLER	308	
BIT SIZE	13	

LOG TOP	0.39
LOG BOTTOM	303.81
CASING LOGGER	N/A
CASING DRILLER	3
CASING TYPE	N/A
WATER	
BORING FLUID	N/A
WATER	
RM TEMPERATURE	N/A
RM TEMPERATURE	N/A
MWD WEIGHT	1.0
WITNESSED BY	B. BERINGER
RECORDED BY	
REMARKS 1	
REMARKS 2	

1:200 SLIM GAMMA NEUTRON 2992 08/16/07

LOG PARAMETERS

MATRIX DENSITY : 2.65	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL : 17	ELECT. CUTOFF : 99999	BIT SIZE : 13
PRESENTATION NAME/DATE = 9067A.0 08/14/2007		VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2992 08/16/07

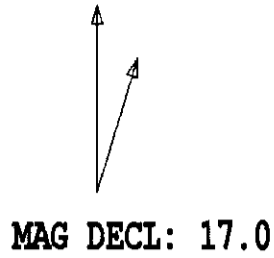
LOG PARAMETERS

MATRIX DENSITY : 2.65	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL : 17	ELECT. CUTOFF : 99999	BIT SIZE : 13
PRESENTATION NAME/DATE = 9067A.0 08/14/2007		VERSION = 3.64EK

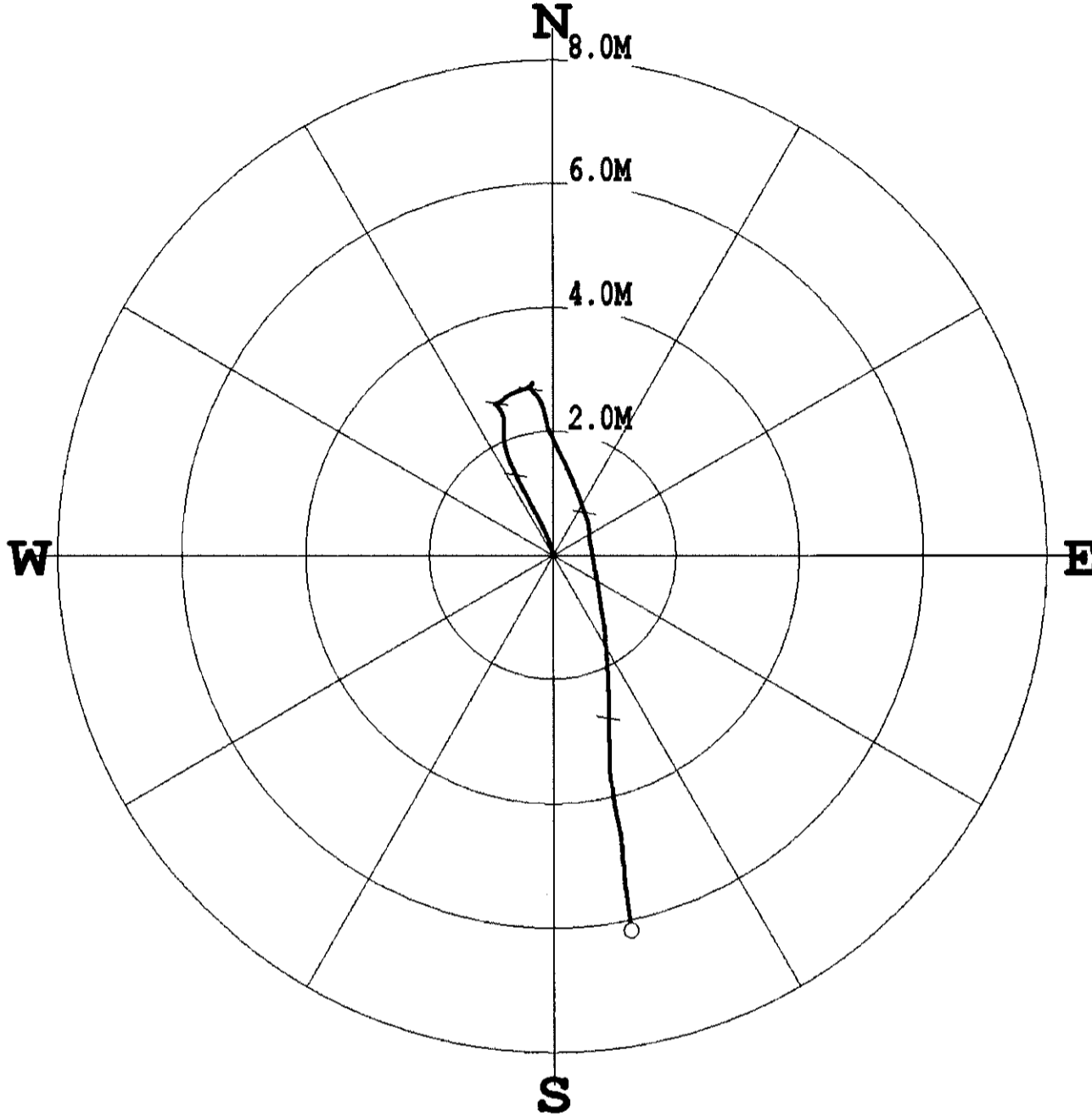
TOOL CALIBRATION 2992 08/16/07 22:16			
TOOL 9067A TM VERSION 1			
SERIAL NUMBER 529			
DATE	TIME	SENSOR	STANDARD
1	Sep03.06 10:46:48	GAMMA	1.000 [API-GR]
	Sep03.06 10:46:48	GAMMA	250.000 [API-GR]
2	Sep03.06 10:47:15	NEUTRON	1.000 [API-N]
	Sep03.06 10:47:15	NEUTRON	500.000 [API-N]
			RESPONSE
			1.00 [CPS]
			80.00 [CPS]
			1.00 [CPS]
			500.00 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2992
 DATE OF LOG: 08/17/07
 PROBE: 9057A 1067



SCALE: 1 M/CM
 TRUE DEPTH: 298.35 M
 AZIMUTH: 168.2
 DISTANCE: 6.2 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL HOLE ID. : 2992
 FIELD OFFICE : PENHOLD DATE OF LOG : 08/17/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2992_08-17-07_20-44_9057A_.02_25.00_298.90_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
25.02	25.02	0.00	-0.00	0.0	347.0	1.7	347.0
35.00	34.99	0.45	-0.16	0.5	340.5	3.8	337.4
45.00	44.97	1.02	-0.46	1.1	335.8	3.5	332.7
55.00	54.95	1.54	-0.71	1.7	335.4	2.8	334.0
65.00	64.94	1.95	-0.80	2.1	337.8	2.0	358.7
75.00	74.94	2.23	-0.80	2.4	340.2	1.3	346.5
85.00	84.94	2.39	-0.89	2.6	339.7	0.6	305.1
95.00	94.93	2.44	-0.94	2.6	338.9	0.2	155.5
105.00	104.93	2.49	-0.83	2.6	341.5	1.2	54.2
115.00	114.93	2.61	-0.66	2.7	345.8	1.2	66.0
125.00	124.93	2.68	-0.44	2.7	350.6	1.3	64.9
135.00	134.93	2.76	-0.33	2.8	353.2	0.3	335.3
145.00	144.93	2.74	-0.35	2.8	352.7	0.6	191.9
155.00	154.93	2.61	-0.30	2.6	353.5	1.0	131.0
165.00	164.92	2.42	-0.17	2.4	355.9	1.5	159.4
175.00	174.92	2.11	-0.09	2.1	357.6	2.2	160.8
185.00	184.90	1.58	0.15	1.6	5.3	3.6	155.2
195.00	194.88	0.99	0.40	1.1	22.1	3.6	157.4
205.00	204.86	0.46	0.58	0.7	51.5	2.6	182.0
215.00	214.85	-0.11	0.66	0.7	99.6	3.8	172.4
225.00	224.82	-0.77	0.77	1.1	135.3	4.1	168.7
235.00	234.80	-1.47	0.85	1.7	150.0	4.2	175.7
245.00	244.77	-2.22	0.89	2.4	158.1	4.2	182.1
255.00	254.74	-2.97	0.90	3.1	163.1	4.9	173.8
265.00	264.71	-3.74	0.95	3.9	165.7	4.6	176.6
275.00	274.68	-4.48	1.09	4.6	166.4	4.5	181.0
285.00	284.66	-5.11	1.14	5.2	167.5	3.9	171.5
295.00	294.64	-5.77	1.22	5.9	168.0	3.6	165.1
298.72	298.35	-6.03	1.26	6.2	168.2	4.6	166.8

COMPANY: ELK VALLEY COAL
WELL: 2993
FIELD: FORDING RIVER OPERATIONS
COUNTRY: CANADA
PROVINCE: ALBERTA

OTHER SERVICES:
8057
9097

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
LICENCE NO.: N/A
UNIQUE WELL ID.: N/A

PERMANENT DATUM: SL
LOG MEASURED FROM: SL
DRI. MEASURED FROM: SL

ELEVATION: N/A
ELEVATION OF: N/A
ELEVATION: N/A

DATE: 08/15/07
DEPTH: 282
BIT SIZE: 13.00
LOG TOP: 5.43
LOG BOTTOM: 291.84

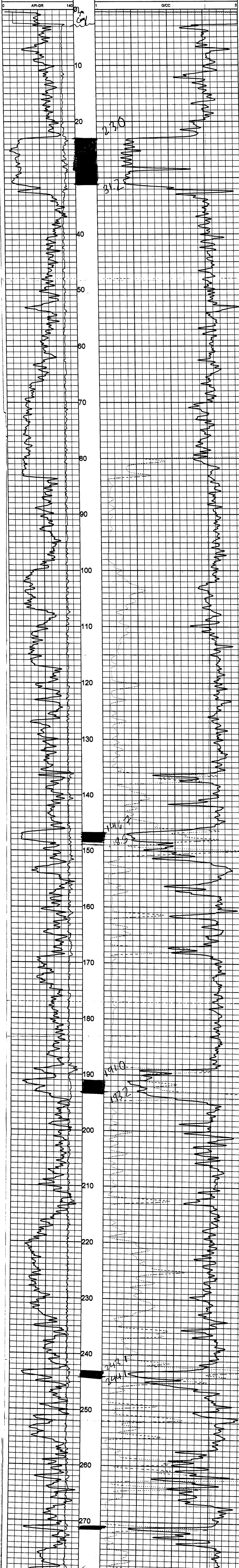
CASING DRILLER: N/A
CASING TYPE: N/A
BONDHOLE FLUID: WATER
FH TEMPERATURE: N/A
MUD RES: N/A
MUD WEIGHT: 1.10
WITNESSED BY: N/A
RECORDED BY: S. BERINGER
REMARKS 1:
REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS.

1:200 COMPENSATED DENSITY 2993 08/15/07

LOG PARAMETERS

MATRIX DENSITY : 2.85 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
PRESENTATION NAME/DATE = 8139-PRINT-RES.0 07/07/2007 VERSION = 3.64EK

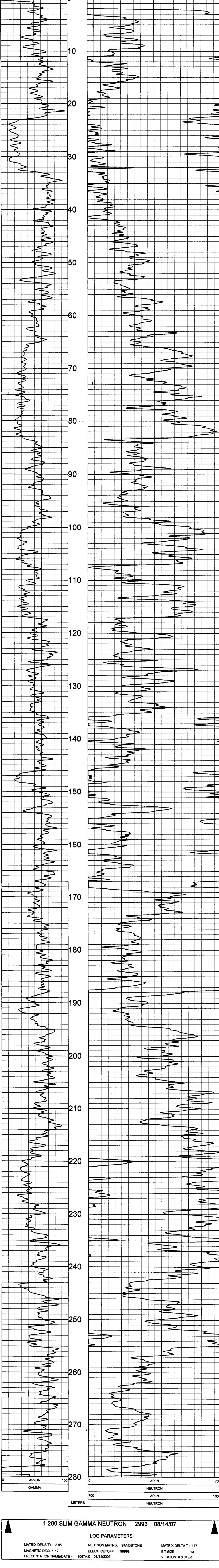


Century WIRELINE SERVICES		SLIM GAMMA-NEUTRON 2993	
COMPANY	ELK VALLEY COAL	OTHER SERVICES:	
WELL	2993	9239	9507
FIELD	FORDING RIVER OPERATIONS		
COUNTRY	CANADA		
PROVINCE	ALBERTA		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENSE NO.	N/A		
UNIQUE WELL ID.	N/A	ELEVATION RB	N/A
PERMANENT DATUM	GL	ELEVATION DF	N/A
LOG MEASURED FROM GL		ELEVATION GL	N/A
DATE	2007/08/14		
DEPTH DRILLER	282		
LOG TOP	13		
LOG BOTTOM	279.95		
CASING DRILLER	3		
CASING LOGGER	N/A		
CASING TYPE	N/A		
BORINGHOLE FLUID	WATER		
RM TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	1.0		
RECORDED BY	N/A		
REMARKS 1			
REMARKS 2			

1:200 SLIM GAMMA NEUTRON 2993 08/14/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13
PRESENTATION NAME/DATE = 9087A.0 08/14/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2993 08/14/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13
PRESENTATION NAME/DATE = 9087A.0 08/14/2007 VERSION = 3.64EK

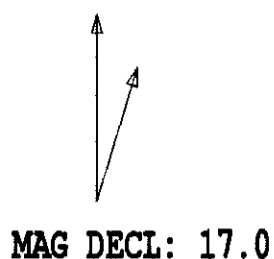
DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Sep03.06 10:48:48	GAMMA	1,000 [API-GR]	100 [CPS]
1	Sep03.06 10:48:48	GAMMA	250,000 [API-GR]	80.00 [CPS]
2	Sep03.06 10:47:15	NEUTRON	1,000 [API-N]	1.00 [CPS]
2	Sep03.06 10:47:15	NEUTRON	500,000 [API-N]	500.00 [CPS]

TOOL CALIBRATION 2993 08/14/07 08:52
TOOL 9087A TM VERSION 1
SERIAL NUMBER 529

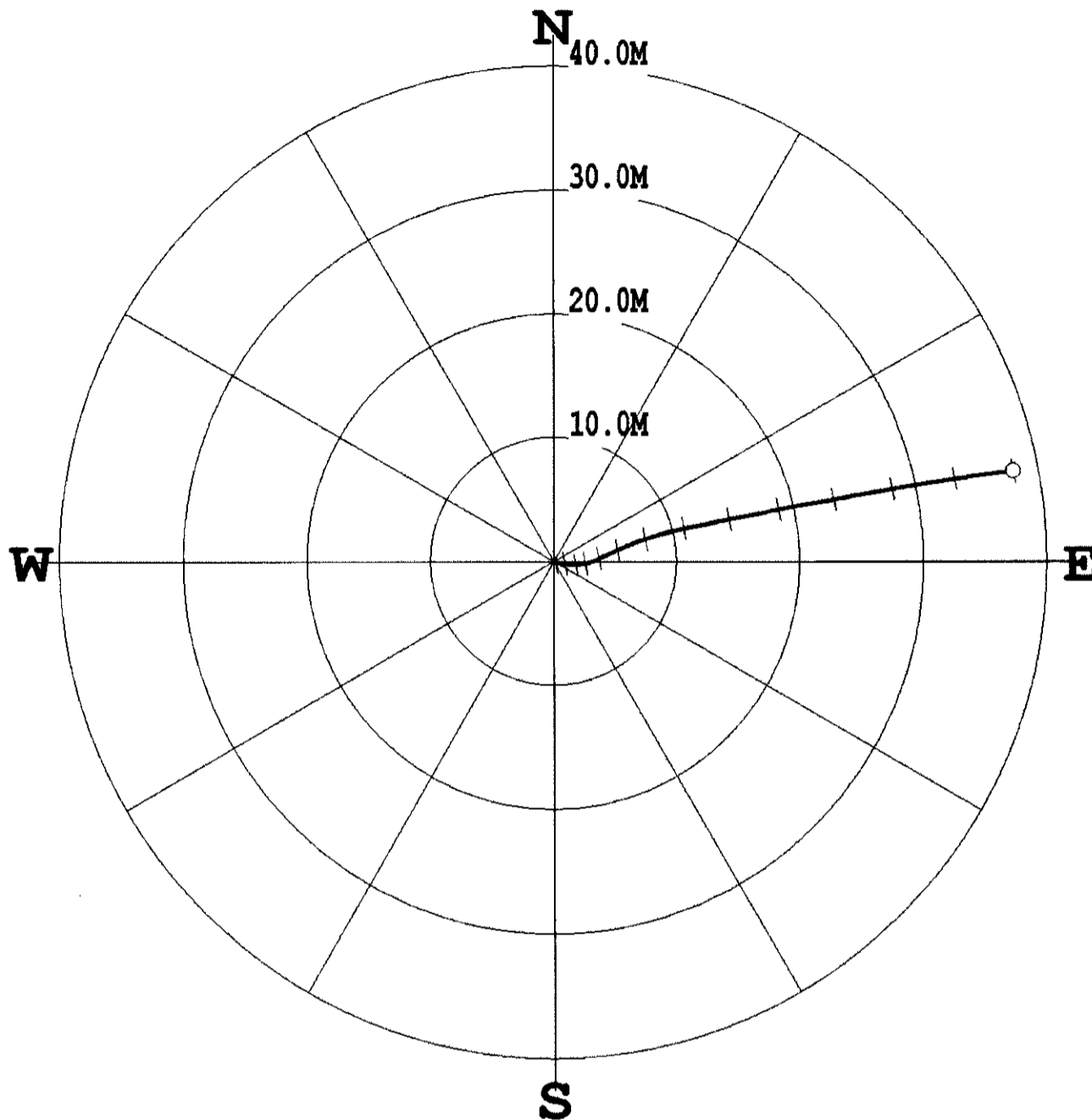
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2993
 DATE OF LOG: 08/15/07
 PROBE: 9057A 1067



SCALE: 5 M/CM
 TRUE DEPTH: 277.25 M
 AZIMUTH: 78.9
 DISTANCE: 37.9 M
 + = 20 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL HOLE ID. : 2993
 FIELD OFFICE : PENHOLD DATE OF LOG : 08/15/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2993_08-15-07_16-39_9057A_.02_10.00_281.13_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.02	10.02	-0.00	0.00	0.0	130.1	0.6	130.1
20.00	20.00	-0.07	0.15	0.2	115.3	1.8	112.4
30.00	29.99	-0.14	0.48	0.5	106.3	2.3	99.4
40.00	39.98	-0.21	0.91	0.9	103.2	2.9	98.3
50.00	49.97	-0.29	1.39	1.4	101.8	2.9	95.8
60.00	59.96	-0.29	1.78	1.8	99.2	2.1	75.9
70.00	69.96	-0.25	2.14	2.2	96.5	2.3	77.7
80.00	79.95	-0.18	2.55	2.6	94.0	2.9	83.2
90.00	89.93	-0.02	3.10	3.1	90.4	3.6	73.3
100.00	99.91	0.23	3.65	3.7	86.3	3.3	58.2
110.00	109.88	0.54	4.35	4.4	82.9	4.9	65.7
120.00	119.84	0.91	5.16	5.2	80.0	4.9	67.8
130.00	129.79	1.33	6.11	6.3	77.7	7.1	67.8
140.00	139.70	1.79	7.37	7.6	76.3	8.2	71.6
150.00	149.58	2.22	8.80	9.1	75.9	9.2	75.2
160.00	159.44	2.62	10.45	10.8	75.9	10.0	76.8
170.00	169.28	2.98	12.21	12.6	76.3	10.6	78.3
180.00	179.10	3.35	14.04	14.4	76.6	10.9	78.4
190.00	188.90	3.73	15.98	16.4	76.8	11.3	79.2
200.00	198.70	4.13	17.95	18.4	77.0	12.2	79.0
210.00	208.46	4.54	20.08	20.6	77.3	12.8	79.9
220.00	218.20	4.92	22.29	22.8	77.6	13.0	79.9
230.00	227.93	5.35	24.58	25.2	77.7	13.4	79.6
240.00	237.65	5.75	26.88	27.5	77.9	13.6	80.6
250.00	247.36	6.15	29.25	29.9	78.1	14.1	81.2
260.00	257.04	6.54	31.72	32.4	78.3	15.0	80.7
270.00	266.70	6.93	34.28	35.0	78.6	15.7	82.4
280.00	276.33	7.27	36.97	37.7	78.9	15.8	83.1
280.96	277.25	7.29	37.23	37.9	78.9	16.1	84.1

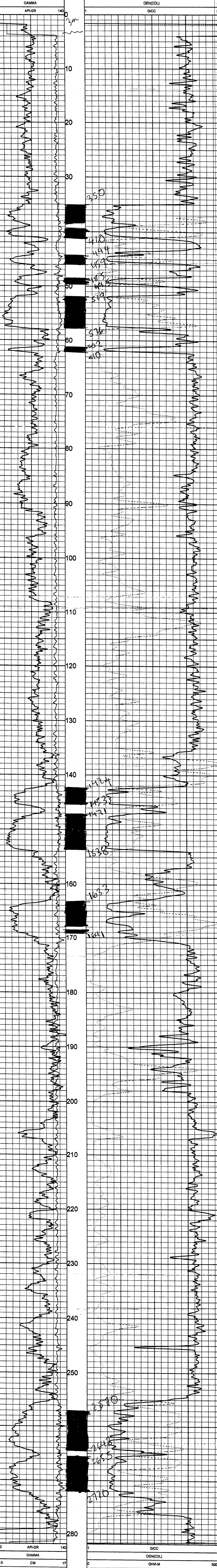
2994

COMPANY	EL VALLEY COAL CORPORATION	OTHER SERVICES
WELL	2994	9957
FIELD	FORDING RIVER OPERATIONS	9957
COUNTY	CANAWA	
STATE	NC	
LOCATION	NA	
SECTION	NA	
TOWNSHIP	NA	
RANGE	NA	
API NO.	NA	
UNIQUE WELL ID.	NA	
PERMANENT DATA	EL	ELEVATION IG NA
LOG MEASURED FROM	DL	ELEVATION OF NA
DATE	08/30/07	
DEPTH DRILLER	292	
BIT SIZE	13.00	
LOG TOP	1.89	
LOG BOTTOM	281.74	
CASING OD	NA	
CASING BOTTOM	3	
CASING TYPE	STEEL	
BOREHOLE FLUID	WATER	
RH TEMPERATURE	NA	
MUD RES	NA	
MUD WEIGHT	11.0	
WRITTEN BY	SOS DRILLING	
RECORDED BY	BLAYLOCK	
REMARKS 1	HOLE BRIDGED AT 111	
REMARKS 2		

1:200 COMPENSATED DENSITY 2994 08/30/07

LOG PARAMETERS

MATRIX DENSITY : 2.85 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007 VERSION = 3.64EK



1:200 COMPENSATED DENSITY 2994 08/30/07

LOG PARAMETERS

Century WIRELINE SERVICES		SLIM GAMMA-NEUTRON 2994	
COMPANY	ELK VALLEY COAL CORPORATION	OTHER SERVICES	
WELL	2994	9029	9130
FIELD	FORDING RIVER OPERATIONS		
COUNTY	CANADIA		
STATE	BC		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
API NO.	N/A		
UNIQUE WELL ID	N/A	ELEVATION KB N/A	
PERMANENT DATUM	SL	ELEVATION OF N/A	
LOG MEASURED FROM	SL	ELEVATION GL N/A	
DEPT. MEASURED FROM	GL		
DATE	10/29/07		
DEPTH DRILLER	282		
BIT SIZE	13		
LOG TOP	0.19		
LOG BOTTOM	279.83		
CASING O.D.	N/A		
CASING BOTTOM	3		
CASING TYPE	STEEL		
BOREHOLE FLUID	WATER		
RM TEMPERATURE	N/A		
MUD WGT	N/A		
MUD WEIGHT	1:0		
RECORDED BY	SDS DRILLING		
RECORDED BY	FLAYLOCK		
REMARKS 1	HOLE BRIDGED AT 111		
REMARKS 2			

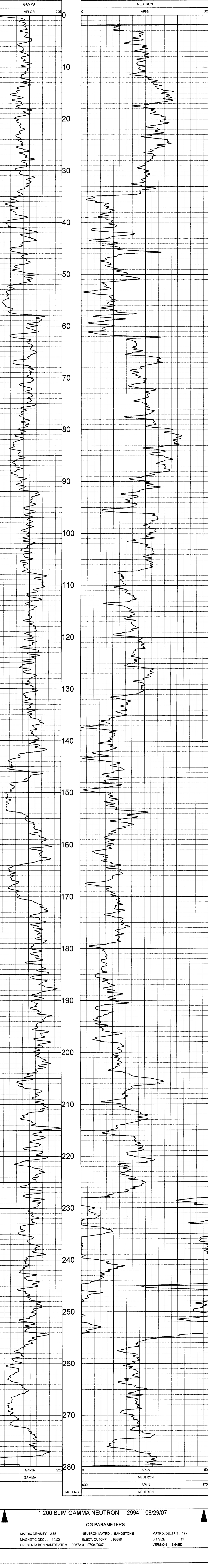
1:200 SLIM GAMMA NEUTRON 2994 08/29/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177

MAGNETIC DECL. : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13

PRESENTATION NAME/DATE = 9087A.0 07/04/2007 VERSION = 3.64ED



1:200 SLIM GAMMA NEUTRON 2994 08/29/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177

MAGNETIC DECL. : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13

PRESENTATION NAME/DATE = 9087A.0 07/04/2007 VERSION = 3.64ED

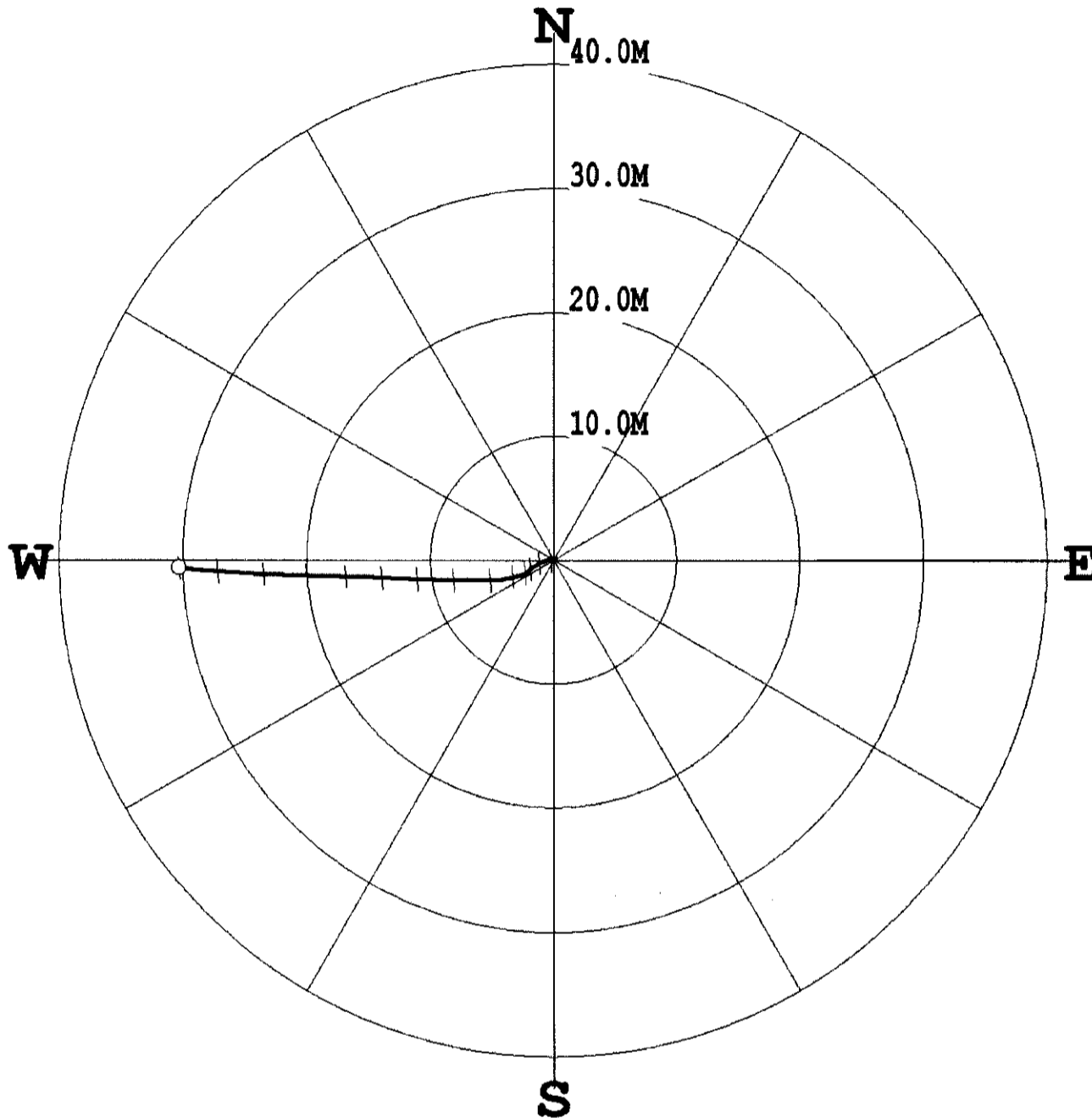
TOOL CALIBRATION 2994 08/29/07 12.49		TOOL 9087A TM VERSION 1		SERIAL NUMBER 530	
DATE	TIME	SENSOR	STANDARD	RESPONSE	
1	Jul20.07 01:44:30	GAMMA	1.000 [API-GR]	1.00	[CPS]
	Jul20.07 01:44:30	GAMMA	250.000 [API-GR]	52.00	[CPS]
2	Sep03.06 10:47:15	NEUTRON	1.000 [API-N]	1.00	[CPS]
	Sep03.06 10:47:15	NEUTRON	500.000 [API-N]	500.00	[CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2994
 DATE OF LOG: 08/30/07
 PROBE: 9057A 1067



SCALE: 5 M/CM
 TRUE DEPTH: 279.34 M
 AZIMUTH: 268.9
 DISTANCE: 30.3 M
 + = 20 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL COR HOLE ID. : 2994
 FIELD OFFICE : PENHOLD DATE OF LOG : 08/30/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2994_08-30-07_11-08_9057A_.02_1.68_281.70_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
5.00	5.00	0.00	-0.01	0.0	305.2	0.5	304.4
15.00	15.00	0.00	-0.15	0.2	270.2	0.9	262.3
25.00	24.99	-0.02	-0.43	0.4	267.5	2.4	263.9
35.00	34.98	-0.16	-0.96	1.0	260.7	3.2	253.5
45.00	44.97	-0.39	-1.34	1.4	253.8	2.3	234.5
55.00	54.96	-0.61	-1.75	1.9	250.8	2.2	230.1
65.00	64.95	-0.81	-1.96	2.1	247.6	1.0	203.1
75.00	74.95	-0.96	-2.16	2.4	246.0	2.0	233.3
85.00	84.94	-1.15	-2.50	2.7	245.3	2.7	247.8
95.00	94.93	-1.32	-3.00	3.3	246.3	3.4	258.6
105.00	104.90	-1.47	-3.68	4.0	248.2	4.7	265.7
115.00	114.87	-1.65	-4.50	4.8	249.9	5.9	265.5
125.00	124.78	-1.66	-5.81	6.0	254.1	8.0	269.7
135.00	134.67	-1.63	-7.28	7.5	257.4	8.7	267.8
145.00	144.55	-1.61	-8.82	9.0	259.7	8.5	271.4
155.00	154.45	-1.57	-10.26	10.4	261.3	9.1	270.5
165.00	164.34	-1.52	-11.69	11.8	262.6	7.7	272.5
175.00	174.25	-1.45	-13.08	13.2	263.7	8.2	273.9
185.00	184.14	-1.37	-14.54	14.6	264.6	8.7	277.5
195.00	194.03	-1.33	-16.01	16.1	265.3	8.3	273.0
205.00	203.92	-1.30	-17.44	17.5	265.7	8.8	273.4
215.00	213.80	-1.26	-18.99	19.0	266.2	9.2	271.3
225.00	223.67	-1.21	-20.62	20.7	266.7	9.6	275.3
235.00	233.52	-1.15	-22.31	22.3	267.0	9.8	271.5
245.00	243.36	-1.10	-24.10	24.1	267.4	10.4	273.8
255.00	253.19	-0.99	-25.94	26.0	267.8	10.8	272.9
265.00	263.03	-0.87	-27.71	27.7	268.2	9.8	273.3
275.00	272.90	-0.73	-29.31	29.3	268.6	8.8	282.5
281.52	279.34	-0.61	-30.30	30.3	268.8	9.1	277.3

COMPANY: ELK VALLEY COAL CORPORATION
 WELL: 2995
 FIELD: FORDING RIVER OPERATIONS
 COUNTY: CANADA
 STATE: BC
 OTHER SERVICES: 9097 9097

2995

LOCATION: N/A
 SECTION: N/A
 TOWNSHIP: N/A
 RANGE: N/A
 API NO.: N/A
 UNIQUE WELL ID.: N/A

PERMANENT DATUM: SE
 LOG MEASURED FROM: SL
 DRIL MEASURED FROM: SL
 DATE: 08/31/07
 DEPTH DRILLER: 170
 BIT SIZE: 13.00

ELEVATION TO N/A
 ELEVATION OF N/A
 ELEVATION OF N/A

CASING BOTTOM: 3
 CASING TYPE: STEEL
 BOREHOLE FLUID: WATER
 BOREHOLE TEMPERATURE: N/A
 MUD RES: N/A
 MUD WEIGHT: 1.0
 WITNESSED BY: SCS DRILLING
 RECORDED BY: SLAYLOCK
 REMARKS 1: HOLE BRIDGED AT 411
 REMARKS 2: ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

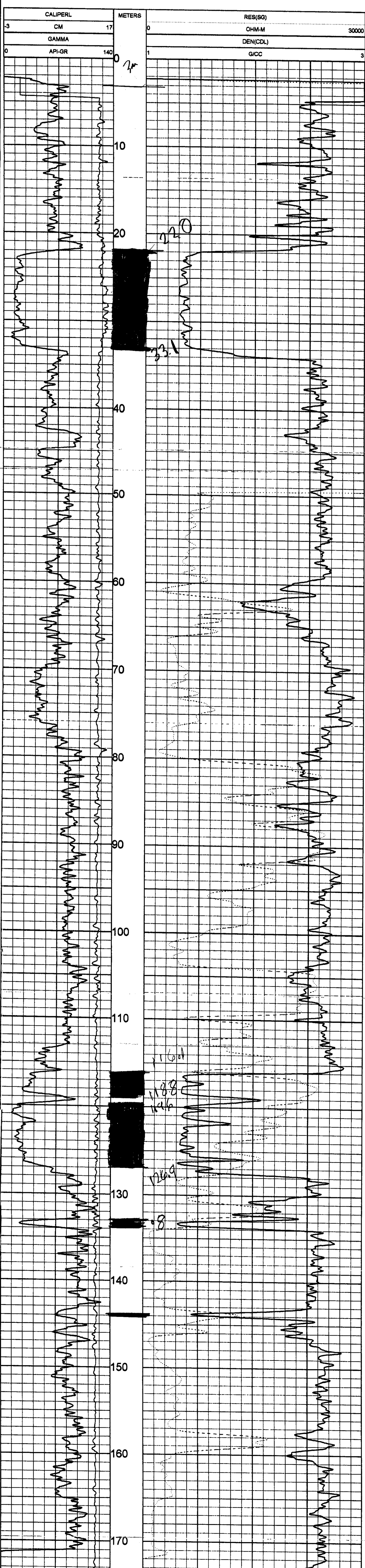
1:200 COMPENSATED DENSITY 2995 08/31/07

LOG PARAMETERS

MATRIX DENSITY: 2.65
 MAGNETIC DECL: 17.00
 PRESENTATION NAME/DATE: 9139-PRINT-RES.0 07/07/2007

NEUTRON MATRIX: SANDSTONE
 ELECT. CUTOFF: 99999

MATRIX DELTA T: 177
 BIT SIZE: 13.00
 VERSION: 3.64EK

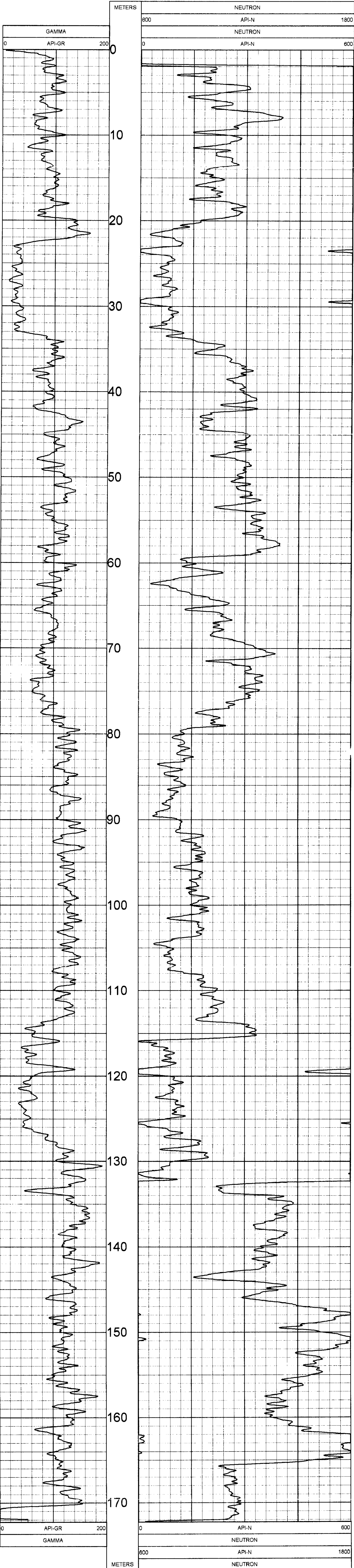


Century WIRELINE SERVICES		SLIM GAMMA-NEUTRON 2995	
COMPANY	ELK VALLEY COAL CORPORATION	OTHER SERVICES	
WELL	2995	9067	
FIELD	FORDING RIVER OPERATIONS	9139	
COUNTY	CANADA		
STATE	BC		
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
API NO	N/A		
UNIQUE WELL ID	N/A		
PERMANENT DATUM	GL	ELEVATION KB	N/A
LOG MEASURED FROM	GL	ELEVATION DF	N/A
DRL MEASURED FROM	GL	ELEVATION GL	N/A
DATE	08/30/07		
DEPTH DRILLER	170		
BIT SIZE	13		
LOG TOP	0.12		
LOG BOTTOM	172.19		
CASING OD	N/A		
CASING BOTTOM	3		
CASING TYPE	STEEL		
BORHOLE FLUID	WATER		
RM TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	1.0		
WITNESSED BY	SPS DRILLING		
RECORDED BY	BLAYLOCK		
REMARKS 1	SOLE BRIDGED AT 411		
REMARKS 2			

1:200 SLIM GAMMA NEUTRON 2995 08/30/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13
PRESENTATION NAME/DATE = 9067A_530.0 08/25/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2995 08/30/07

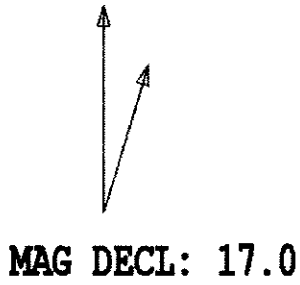
LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13
PRESENTATION NAME/DATE = 9067A_530.0 08/25/2007 VERSION = 3.64EK

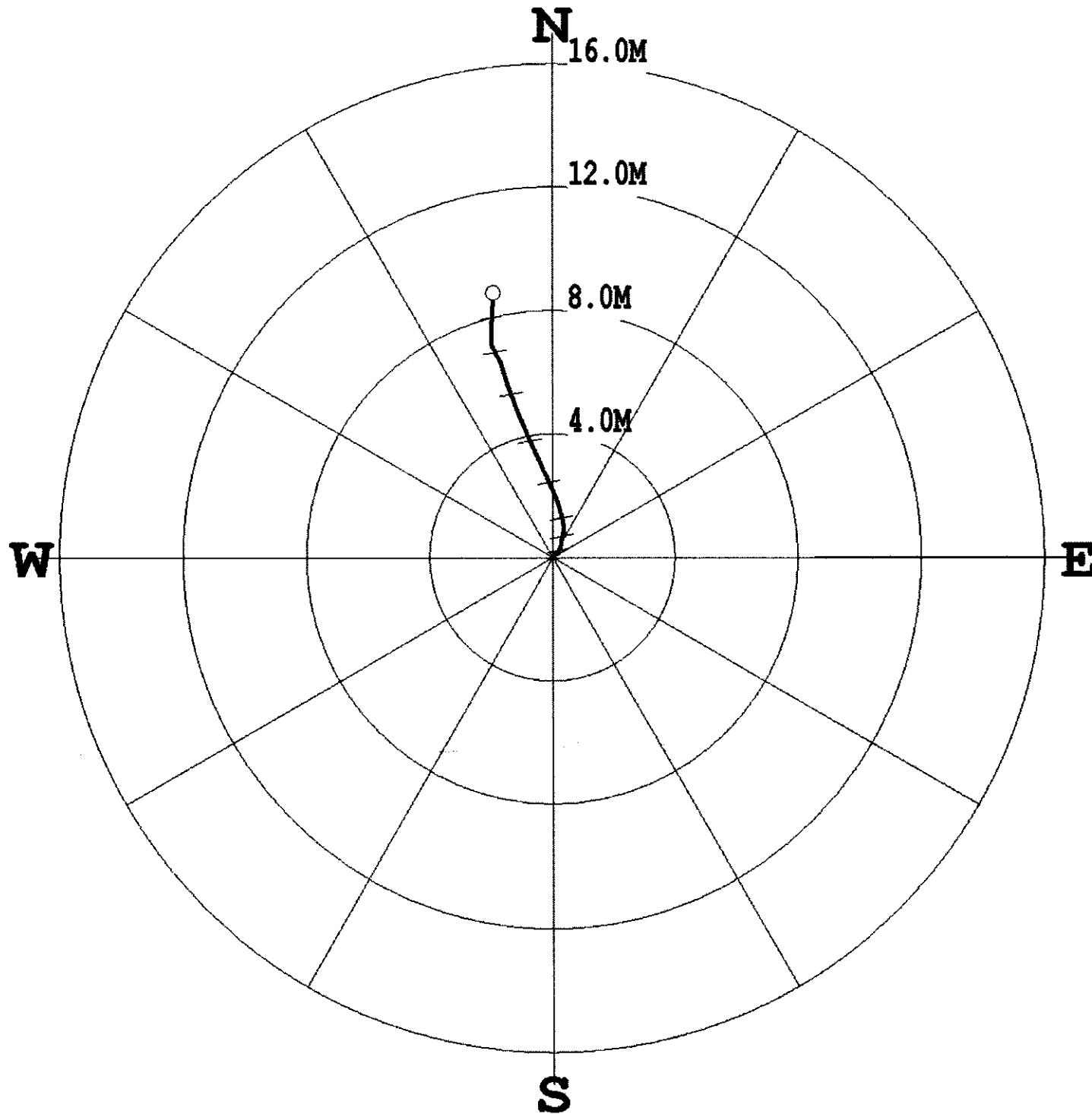
TOOL CALIBRATION 2995 08/30/07 10:23		SENSOR		STANDARD	RESPONSE
TOOL 9067A TM VERSION 1		GAMMA	1.000	[API-GR]	1.00 [CPS]
SERIAL NUMBER 530		GAMMA	250.000	[API-GR]	52.00 [CPS]
1	Jul20.07 01:44:30	NEUTRON	1.000	[API-N]	1.00 [CPS]
2	Sep03.06 10:47:15	NEUTRON	500.000	[API-N]	500.00 [CPS]
	Sep03.06 10:47:15				

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2995
 DATE OF LOG: 08/31/07
 PROBE: 9057A 1067



SCALE: 2 M/CM
 TRUE DEPTH: 173.16 M
 AZIMUTH: 347.3
 DISTANCE: 8.8 M
 + = 20 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL COR HOLE ID. : 2995
 FIELD OFFICE : PENHOLD DATE OF LOG : 08/31/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2995_08-31-07_09-58_9057A_.02_2.21_173.63_DEVI.log

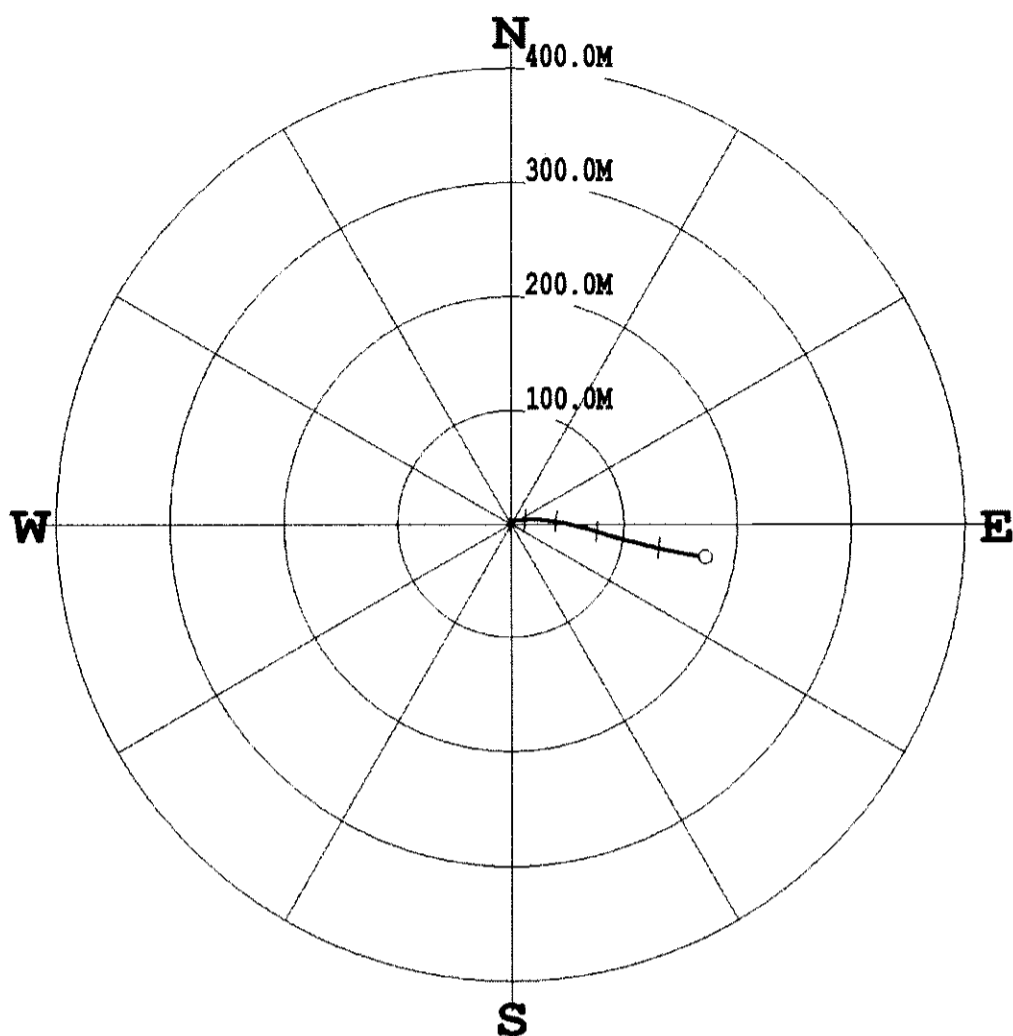
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
5.00	4.99	0.01	0.01	0.0	30.5	1.3	38.5
15.00	14.99	0.17	0.13	0.2	37.9	1.0	48.0
25.00	24.99	0.30	0.23	0.4	38.2	1.3	15.9
35.00	34.98	0.54	0.28	0.6	27.5	1.6	7.1
45.00	44.98	0.78	0.34	0.8	23.4	1.0	8.5
55.00	54.98	1.06	0.34	1.1	17.8	2.3	349.4
65.00	64.97	1.50	0.25	1.5	9.3	3.1	345.8
75.00	74.95	2.08	0.04	2.1	1.1	4.4	335.9
85.00	84.92	2.75	-0.27	2.8	354.5	3.9	338.2
95.00	94.89	3.41	-0.57	3.5	350.5	4.0	336.0
105.00	104.86	4.12	-0.88	4.2	347.9	4.4	335.6
115.00	114.83	4.89	-1.20	5.0	346.2	4.8	340.0
125.00	124.79	5.64	-1.47	5.8	345.4	4.4	340.6
135.00	134.77	6.37	-1.71	6.6	344.9	3.6	332.1
145.00	144.75	6.86	-1.97	7.1	344.0	2.6	349.4
155.00	154.73	7.44	-1.98	7.7	345.1	3.5	0.6
165.00	164.71	8.05	-1.95	8.3	346.4	3.7	2.2
173.46	173.16	8.55	-1.92	8.8	347.3	3.7	5.4

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2996
 DATE OF LOG: 09/04/07
 PROBE: 9057A 1067



SCALE: 50 M/CM
 TRUE DEPTH: 550.08 M
 AZIMUTH: 99.7
 DISTANCE: 173.8 M
 + = 100 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL COR HOLE ID. : 2996
 FIELD OFFICE : PENHOLD DATE OF LOG : 09/04/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2996_09-04-07_19-02_9057A_02_5.40_592.28_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.00	10.00	0.09	-0.04	0.1	334.0	2.5	327.9
20.00	19.99	0.43	-0.31	0.5	324.1	3.1	301.0
30.00	29.98	0.64	-0.67	0.9	313.8	2.6	302.8
40.00	39.97	1.06	-0.92	1.4	319.1	2.8	331.9
50.00	49.95	1.49	-1.14	1.9	322.6	2.6	333.9
60.00	59.95	1.75	-1.33	2.2	322.9	1.4	321.5
70.00	69.95	1.95	-1.42	2.4	324.0	1.5	7.0
80.00	79.94	2.20	-1.32	2.6	329.0	2.0	39.4
90.00	89.93	2.47	-1.06	2.7	336.8	2.4	47.2
100.00	99.92	2.72	-0.62	2.8	347.2	4.2	69.5
110.00	109.89	2.96	0.11	3.0	2.1	4.8	75.3
120.00	119.85	3.16	1.01	3.3	17.7	5.7	77.5
130.00	129.80	3.27	1.96	3.8	30.9	5.4	90.7
140.00	139.75	3.32	3.00	4.5	42.1	6.7	84.5
150.00	149.67	3.42	4.20	5.4	50.9	6.9	87.0
160.00	159.59	3.47	5.47	6.5	57.6	8.0	91.1
170.00	169.48	3.51	6.94	7.8	63.2	8.8	89.9
180.00	179.36	3.52	8.50	9.2	67.5	9.7	88.3
190.00	189.20	3.60	10.25	10.9	70.7	10.4	83.8
200.00	199.02	3.73	12.14	12.7	72.9	11.7	84.5
210.00	208.82	3.90	14.15	14.7	74.6	11.8	84.0
220.00	218.59	4.06	16.26	16.8	76.0	12.8	87.4
230.00	228.32	4.13	18.56	19.0	77.4	13.7	87.5
240.00	238.03	4.11	20.96	21.4	78.9	14.1	91.8
250.00	247.70	4.02	23.50	23.8	80.3	15.2	93.1
260.00	257.33	3.86	26.19	26.5	81.6	15.7	93.2
270.00	266.93	3.63	28.99	29.2	82.9	16.8	95.4
280.00	276.48	3.33	31.94	32.1	84.0	18.0	95.8
290.00	286.00	2.97	34.97	35.1	85.2	17.7	98.0
300.00	295.53	2.53	37.97	38.1	86.2	17.6	99.2
310.00	305.05	2.03	40.99	41.0	87.2	18.3	99.5
320.00	314.55	1.48	44.06	44.1	88.1	18.4	101.6
330.00	324.04	0.86	47.14	47.2	89.0	18.6	101.7
340.00	333.50	0.16	50.33	50.3	89.8	19.3	102.5
350.00	342.91	-0.64	53.59	53.6	90.7	20.1	103.9
360.00	352.32	-1.44	56.89	56.9	91.4	19.8	103.5
370.00	361.72	-2.24	60.22	60.3	92.1	20.5	104.7
380.00	371.05	-3.11	63.69	63.8	92.8	21.2	103.9
390.00	380.35	-4.02	67.25	67.4	93.4	22.1	105.6
400.00	389.60	-5.07	70.90	71.1	94.1	22.7	106.1
410.00	398.79	-6.29	74.65	74.9	94.8	23.9	108.6
420.00	407.90	-7.60	78.56	78.9	95.5	24.9	107.1
430.00	416.95	-8.86	82.62	83.1	96.1	25.4	106.2
440.00	425.94	-10.08	86.82	87.4	96.6	26.7	105.6
450.00	434.84	-11.32	91.22	91.9	97.1	27.3	104.6
460.00	443.72	-12.59	95.57	96.4	97.5	28.3	104.2
470.00	452.49	-13.77	100.23	101.2	97.8	29.1	103.4
480.00	461.17	-14.93	105.05	106.1	98.1	30.2	104.4
490.00	469.71	-16.23	110.09	111.3	98.4	32.3	106.0
500.00	478.13	-17.61	115.30	116.6	98.7	32.7	104.3
510.00	486.49	-18.98	120.61	122.1	98.9	34.0	106.5
520.00	494.72	-20.37	126.12	127.8	99.2	35.4	103.7
530.00	502.78	-21.73	131.88	133.7	99.4	37.2	102.7
540.00	510.65	-23.05	137.90	139.8	99.5	38.4	102.3
550.00	518.39	-24.32	144.11	146.1	99.6	39.3	102.0
560.00	526.09	-25.54	150.36	152.5	99.6	39.7	100.2
570.00	533.74	-26.67	156.70	158.9	99.7	41.5	96.5
580.00	541.24	-27.77	163.23	165.6	99.7	42.4	99.7
590.00	548.55	-28.93	169.94	172.4	99.7	43.9	99.7
592.10	550.08	-29.17	171.36	173.8	99.7	43.6	99.4

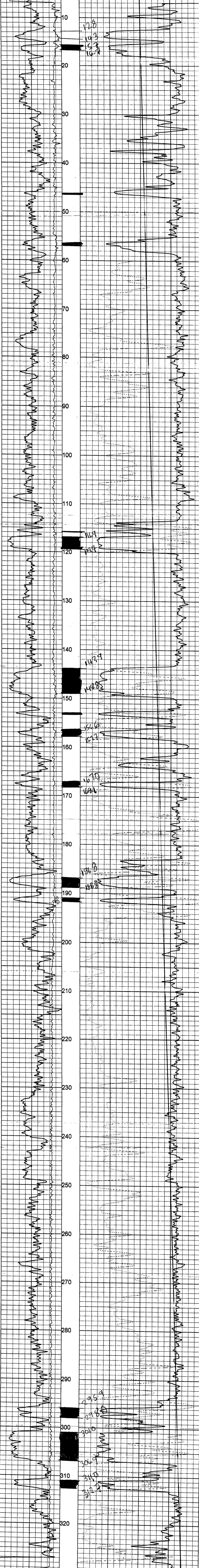
COMPANY: ELK VALLEY COAL CORPORATION
WELL: 2997
FIELD: FORDING INFER OPERATIONS
COUNTY: CANADA
STATE: SC
OTHER SERVICES: 9037 9037

2997

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
API NO.: N/A
UNIQUE WELL ID: N/A
PERMITS: N/A
ELEVATION DE N/A
ELEVATION OF N/A
ELEVATION TO N/A
DATE MEASURED FROM: N/A
DATE: 07/27/2007

DEPTH DRILLER: 330
BIT SIZE: 13.00
LOG TOP: 4.86
LOG BOTTOM: 328.86
CASING OD: N/A
CASING BOTTOM: 9
CASING TYPE: STEEL
BORING FLUID: WATER
MUD TEMPERATURE: N/A
MUD RES: N/A
MUD WEIGHT: 1.10
RECORDED BY: SJS DRILLING
WITNESSED BY: SLAYLOCK
HOLE BRIDGED AT: 411
REMARKS 1:
REMARKS 2:
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS.

1:200 COMPENSATED DENSITY 2997 08/28/07
LOG PARAMETERS
MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13.00
PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007 VERSION = 3.64EK



COMPANY: ELK VALLEY COAL CORPORATION
WELL: 2997
FIELD: FORTING RIVER OPERATIONS
COUNTY: CANADA
STATE: BC

OTHER SERVICES:
9057
8139

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
API NO: N/A
UNIQUE WELL ID: N/A
PERMANENT DATUM: GL
LOG MEASURED FROM: GL
ELEVATION OF N/A
ELEVATION OF: N/A

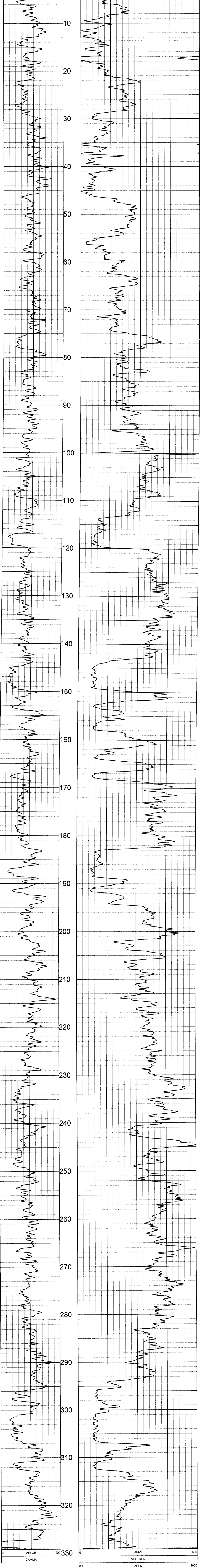
DATE: 08/27/07
DEPTH DRAFTER: 330
BIT SIZE: 13
LOG TOP: -0.03
LOG BOTTOM: 329.13
CASING OD: N/A
CASING BOTTOM: N/A
CASING TYPE: STEEL
BORING FLUID: WATER
RM TEMPERATURE: N/A
MUD RES: N/A
MUD WEIGHT: 1.0
RECORDED BY: SCS DRILLING
REMARKS 1: BAYLOCK
REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 SLIM GAMMA NEUTRON 2997 08/27/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE = 9067A_530_0 08/25/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2997 08/27/07

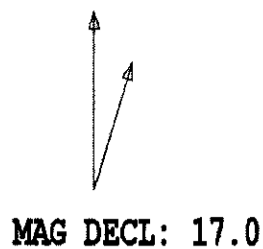
LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE = 9067A_530_0 08/25/2007 VERSION = 3.64EK

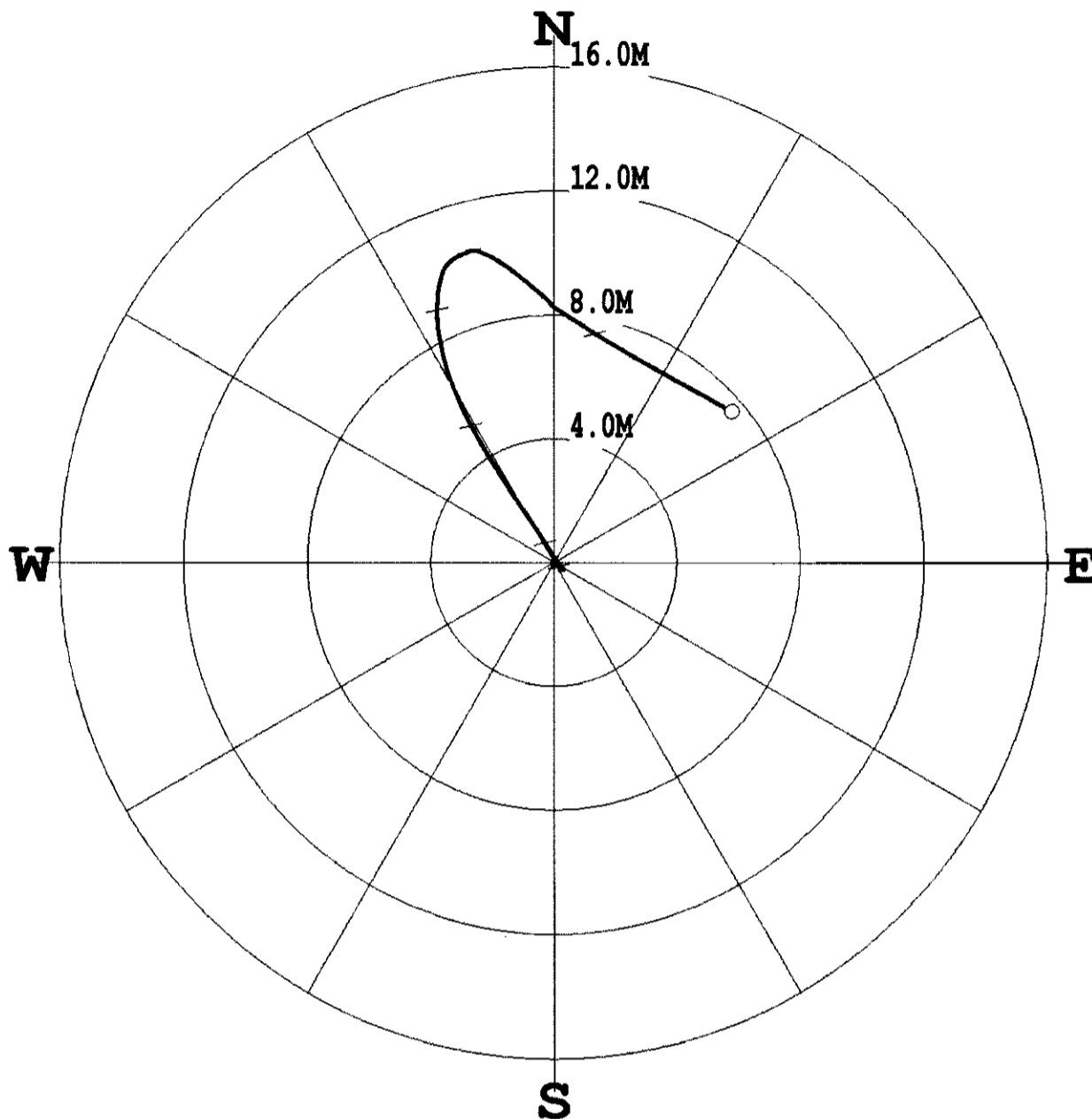
DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Jul20 07 01:44:30	GAMMA	1.000 [API-GR]	1.00 [CPS]
2	Jul20 07 01:44:30	GAMMA	250.000 [API-GR]	52.00 [CPS]
2	Sep03 06 10:47:15	NEUTRON	1.000 [API-N]	1.00 [CPS]
2	Sep03 06 10:47:15	NEUTRON	500.000 [API-N]	500.00 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2997
 DATE OF LOG: 08/28/07
 PROBE: 9057A 1067



SCALE: 2 M/CM
 TRUE DEPTH: 328.18 M
 AZIMUTH: 49.9
 DISTANCE: 7.5 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL COR HOLE ID. : 2997
 FIELD OFFICE : PENHOLD DATE OF LOG : 08/28/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2997_08-28-07_21-49_9057A_.02_2.75_329.60_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGE
5.00	4.99	0.00	0.00	0.0	68.7	0.4	65.8
15.00	14.99	0.00	0.07	0.1	87.7	0.4	85.0
25.00	24.99	-0.03	0.14	0.1	101.1	0.6	173.9
35.00	34.99	-0.10	0.16	0.2	122.4	0.3	185.7
45.00	44.99	-0.10	0.16	0.2	123.0	0.2	70.3
55.00	54.99	-0.17	0.21	0.3	128.8	1.1	130.3
65.00	64.99	-0.24	0.29	0.4	129.2	0.2	150.8
75.00	74.99	-0.20	0.30	0.4	124.1	0.4	308.0
85.00	84.99	-0.08	0.18	0.2	114.6	1.9	321.5
95.00	94.97	0.33	-0.10	0.3	343.1	3.6	327.8
105.00	104.94	0.97	-0.51	1.1	332.2	5.1	328.1
115.00	114.90	1.78	-1.06	2.1	329.3	5.6	325.5
125.00	124.85	2.54	-1.56	3.0	328.4	4.8	332.3
135.00	134.82	3.28	-2.02	3.8	328.4	5.2	327.7
145.00	144.78	4.03	-2.47	4.7	328.5	5.1	331.3
155.00	154.74	4.78	-2.88	5.6	329.0	4.7	334.1
165.00	164.71	5.52	-3.20	6.4	329.9	4.6	336.7
175.00	174.68	6.28	-3.48	7.2	331.0	4.5	342.9
185.00	184.65	7.00	-3.66	7.9	332.4	4.1	348.9
195.00	194.62	7.74	-3.77	8.6	334.0	4.6	356.0
205.00	204.59	8.53	-3.77	9.3	336.1	4.3	0.9
215.00	214.57	9.18	-3.66	9.9	338.2	3.1	13.1
225.00	224.55	9.60	-3.47	10.2	340.1	2.3	39.9
235.00	234.55	9.85	-3.17	10.3	342.2	2.3	56.3
245.00	244.54	9.99	-2.87	10.4	344.0	1.5	73.9
255.00	254.54	10.08	-2.67	10.4	345.2	1.6	79.6
265.00	264.53	9.99	-2.29	10.2	347.1	3.4	116.7
275.00	274.50	9.60	-1.59	9.7	350.6	5.8	122.7
285.00	284.43	8.88	-0.68	8.9	355.6	7.5	131.3
295.00	294.31	7.94	0.49	8.0	3.5	10.0	123.2
305.00	304.16	7.02	1.95	7.3	15.5	9.7	123.0
315.00	314.01	6.16	3.48	7.1	29.4	10.4	119.7
325.00	323.84	5.28	5.07	7.3	43.8	10.7	115.8
329.42	328.18	4.87	5.78	7.6	49.9	10.8	121.6

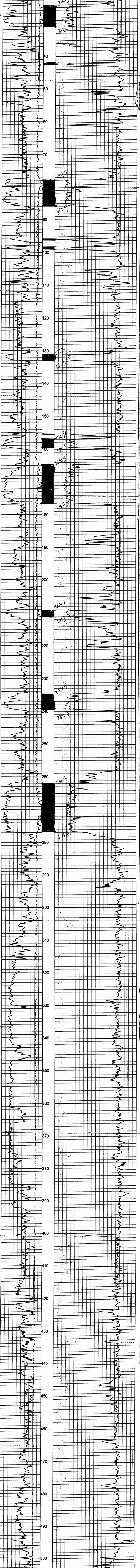
2998

COMPANY	EST. WALEY COAL	OTHER SERVICES
WELL	2998	DATE
FIELD	FOULDA BIRD OPERATOR	TIME
COUNTRY	CANADA	PROF
PROVINCE	ALBERTA	
LOCATION		
SECTION		
TOWNSHIP		
RANGE		
SECTION NO.		
LAND NO.		
PERMITS WELL ID.		
PERMANENT DUTY		
LOG MESSAGE FROM DL		
DATE	2007	ELEVATION TO SEA
DEPTH UNITS	FEET	ELEVATION OF SEA
BIT SIZE	1300	
LOG TOP	2100	
LOG BOTTOM	5100	
LOG LENGTH	3000	
LOGGING TYPE	3	
SPRINGING FLUID	WATER	
SPRINGING TEMPERATURE	NA	
API RES	1.0	
MAG WEIGHT	3.0	
RECORDED BY	3.0	
REMARKS 1		
REMARKS 2		
REMARKS 3		

1:200 COMPENSATED DENSITY 2998 09/16/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT CUTOFF : 66669 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 6230-PRINT-RES.0 09/12/2007 VERSION = 3.64E1



1:200 COMPENSATED DENSITY 2998 09/16/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT CUTOFF : 66669 BIT SIZE : 13.00

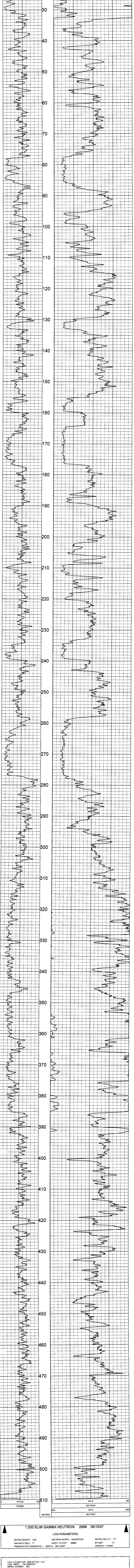
COMPANY	EXX WALKLEY COAL	OTHER SERVICES
WELL	2998	
COUNTRY	FERROVIA RIVER OPERATIONS	
PROVINCE	CANADA	
LOCATION	ALBERTA	
SECTION	N/A	
TOWNSHIP	N/A	
RANGE	N/A	
LICENCE NO.	N/A	
PERMANENT SURVEY	ELSTON 90 N/A	
LOG MASSELED FROM (M)	ELSTON 90 N/A	
LOG MASSELED TO (M)	ELSTON 90 N/A	
DATE	09/15/07	
LOG NUMBER	909	
DATE	09/11/2007	
LOG TOP	2.11	
LOG BOTTOM	507.9	
CASING DEPTH	3	
CASING TYPE	STEEL	
BORING FLUID	WATER	
RAM TEMPERATURE	N/A	
RAM RES	N/A	
WIND WEIGHT	1.0	
WIND SPEED	SSS SHIRLING	
RECORDED BY	B. BEHREMER	
REVISION 1		
REVISION 2		

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS.

1:200 SLIM GAMMA NEUTRON 2998 09/15/07

LOG PARAMETERS

MATRIX DENSITY : 2.85	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL. : 17	ELECT CUTOFF : 99999	BIT SIZE : 13
PRESENTATION NAME/DATE = 9087A 0 09/11/2007	VERSION = 3.64EK	



1:200 SLIM GAMMA NEUTRON 2998 09/15/07

LOG PARAMETERS

MATRIX DENSITY : 2.85	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL. : 17	ELECT CUTOFF : 99999	BIT SIZE : 13
PRESENTATION NAME/DATE = 9087A 0 09/11/2007	VERSION = 3.64EK	

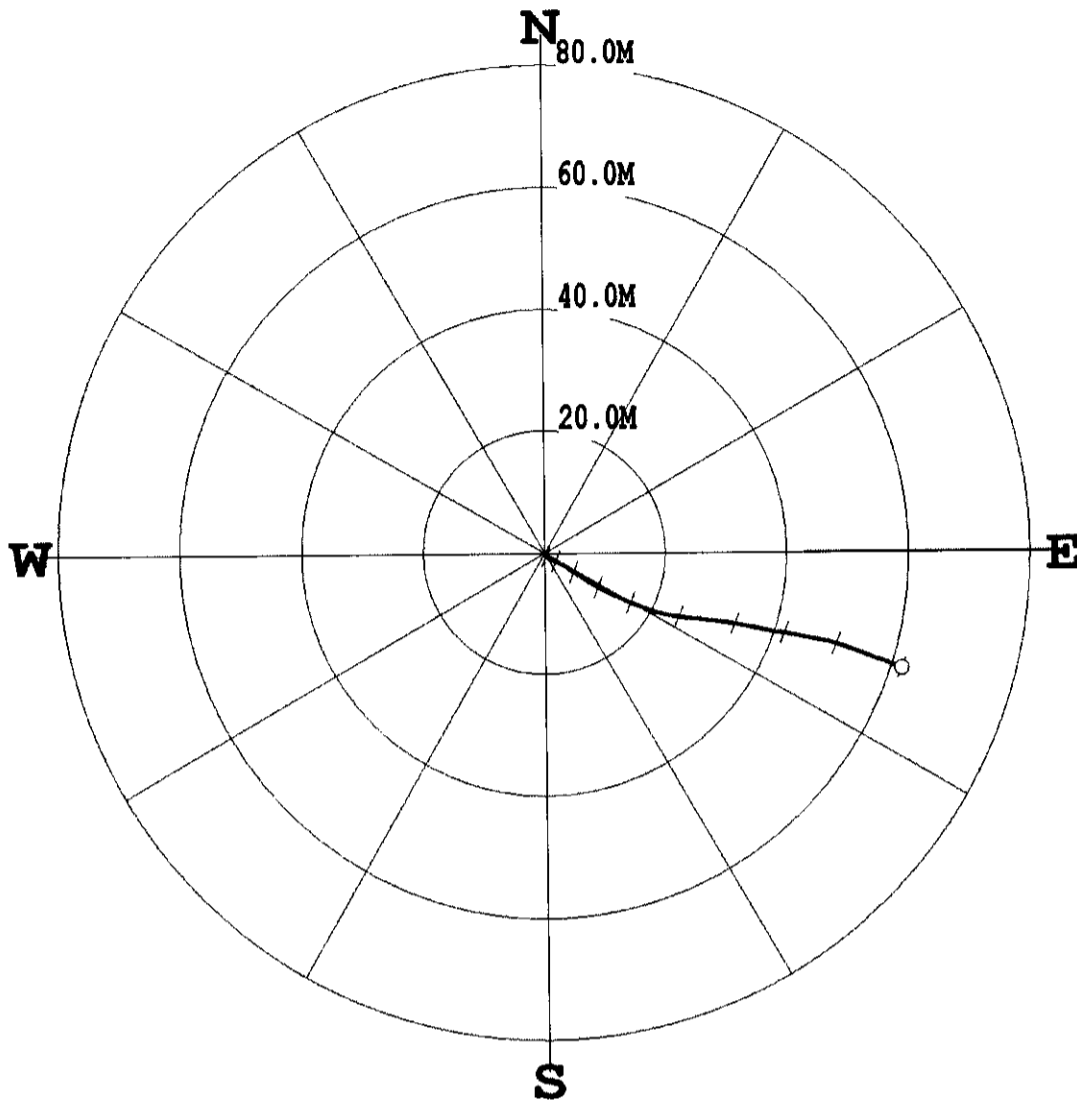
TOOL CALIBRATION 2998 09/15/07		TOOL 9087A		VERSION 1	
DATE	TIME	SENSOR	STANDARD	RESPONSE	
1	Jul20.07 01:44:30	GAMMA	1000 [API-GR]	1.00	[CPS]
2	Jul20.07 01:44:30	GAMMA	250000 [API-GR]	52.00	[CPS]
	09/03/06 10:47:15	NEUTRON	1000 [API-N]	1.00	[CPS]
	09/03/06 10:47:15	NEUTRON	500000 [API-N]	500.00	[CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2998
 DATE OF LOG: 09/16/07
 PROBE: 9057A 4430



SCALE: 10 M/CM
 TRUE DEPTH: 500.47 M
 AZIMUTH: 108.1
 DISTANCE: 61.7 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL HOLE ID. : 2998
 FIELD OFFICE : PENHOLD DATE OF LOG : 09/16/07
 DATA FROM : N/A PROBE : 9057A , 4430
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2998_09-16-07_12-39_9057A_.02_7.87_505.76_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.00	9.99	-0.01	0.00	0.0	159.7	1.0	154.1
20.00	19.99	-0.15	0.05	0.2	163.0	0.7	174.5
30.00	29.99	-0.28	0.06	0.3	167.9	0.7	173.4
40.00	39.99	-0.40	0.10	0.4	166.5	0.8	158.8
50.00	49.99	-0.53	0.18	0.6	161.3	1.0	136.0
60.00	59.98	-0.66	0.35	0.7	151.9	1.7	116.7
70.00	69.98	-0.78	0.59	1.0	143.0	1.7	117.9
80.00	79.97	-0.93	0.88	1.3	136.6	2.1	119.5
90.00	89.96	-1.15	1.28	1.7	131.8	2.9	123.3
100.00	99.95	-1.39	1.77	2.3	128.2	3.6	119.7
110.00	109.93	-1.66	2.36	2.9	125.1	4.0	113.1
120.00	119.90	-1.97	2.97	3.6	123.6	4.4	122.7
130.00	129.88	-2.30	3.56	4.2	122.9	3.7	126.3
140.00	139.86	-2.69	4.12	4.9	123.1	4.1	125.2
150.00	149.83	-3.11	4.74	5.7	123.3	3.9	125.3
160.00	159.80	-3.56	5.42	6.5	123.3	4.9	122.3
170.00	169.76	-4.05	6.18	7.4	123.3	5.3	123.2
180.00	179.71	-4.58	6.97	8.3	123.3	5.9	125.1
190.00	189.66	-5.12	7.82	9.3	123.2	5.8	117.7
200.00	199.61	-5.59	8.73	10.4	122.6	6.0	115.7
210.00	209.56	-6.06	9.62	11.4	122.2	5.7	119.9
220.00	219.50	-6.56	10.52	12.4	121.9	6.2	117.6
230.00	229.44	-7.08	11.52	13.5	121.6	6.8	116.8
240.00	239.35	-7.58	12.68	14.8	120.9	7.6	116.5
250.00	249.25	-8.14	13.96	16.2	120.3	8.4	113.0
260.00	259.15	-8.70	15.29	17.6	119.6	8.4	111.5
270.00	269.03	-9.24	16.71	19.1	118.9	9.0	111.8
280.00	278.89	-9.77	18.26	20.7	118.1	9.9	105.7
290.00	288.74	-10.18	19.96	22.4	117.0	10.0	101.8
300.00	298.58	-10.46	21.72	24.1	115.7	10.5	98.7
310.00	308.41	-10.71	23.52	25.8	114.5	10.6	97.6
320.00	318.24	-10.93	25.38	27.6	113.3	10.9	97.0
330.00	328.06	-11.14	27.24	29.4	112.2	10.8	96.5
340.00	337.89	-11.36	29.05	31.2	111.4	10.1	97.6
350.00	347.74	-11.62	30.78	32.9	110.7	10.2	98.5
360.00	357.56	-11.95	32.46	34.6	110.2	9.7	100.6
370.00	367.42	-12.28	34.06	36.2	109.8	9.5	103.9
380.00	377.30	-12.60	35.59	37.8	109.5	8.9	103.5
390.00	387.17	-12.94	37.13	39.3	109.2	9.6	102.8
400.00	397.03	-13.18	38.80	41.0	108.8	9.8	96.7
410.00	406.89	-13.48	40.44	42.6	108.4	9.7	101.9
420.00	416.75	-13.80	42.07	44.3	108.2	9.3	101.7
430.00	426.62	-14.10	43.66	45.9	107.9	9.6	101.0
440.00	436.46	-14.47	45.38	47.6	107.7	10.5	104.4
450.00	446.29	-14.88	47.18	49.5	107.5	10.6	105.8
460.00	456.11	-15.45	48.98	51.4	107.5	11.4	108.3
470.00	465.91	-16.11	50.84	53.3	107.6	11.7	110.8
480.00	475.68	-16.88	52.83	55.5	107.7	12.7	114.5
490.00	485.41	-17.69	55.00	57.8	107.8	13.8	111.4
500.00	495.09	-18.60	57.33	60.3	108.0	15.0	111.0
505.58	500.47	-19.15	58.67	61.7	108.1	15.3	111.6

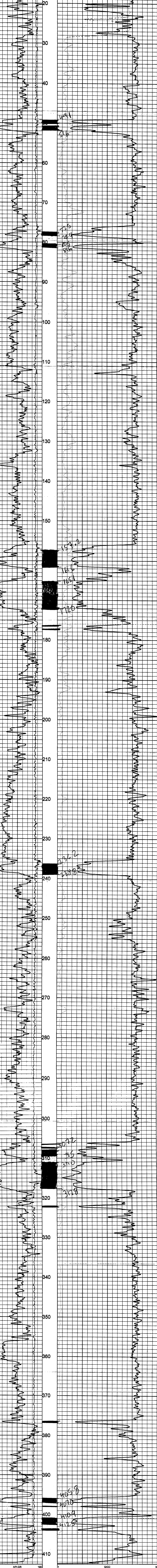
2999

COMPANY	ELF VALLEY COAL	OTHER SERVICES
WELL	2999	SPRINT
FIELD	FOREMAN RIVER OPERATIONS	RES
COUNTY	CANADA	
PROVINCE	ALBERTA	
LOCATION	N/A	
SECTION	N/A	
TOWNSHIP	N/A	
RANGE	N/A	
URGENCY NO.	N/A	
UNIQUE WELL ID.	N/A	
PERMANENT DATUM	ELMONTON 85 N/A	
LOG MEASURED FROM SL.	ELMONTON 01 N/A	
DRIL MEASURED FROM SL.	ELMONTON 01 N/A	
DEPTH ORILLER	413	
DATE	08/13/07	
LOG TOP	7.45	
LOG BOTTOM	413.47	
CASING LOGGER	N/A	
CASING ORILLER	8	
CASING TYPE	N/A	
SOFTENING FLUID	WATER	
MOI TEMPERATURE	N/A	
MOI RES	N/A	
MOI WASHBY	1:0	
WITNESSED BY	N/A	
RECORDED BY	R. BERNIER	
REMARKS 1	DRILLING CONTINUED AFTER LOGGING THROUGH HOOS	
REMARKS 2	SHOVED COAL SEAL, DEVIATION DOWN TO 314M	

1:200 COMPENSATED DENSITY 2999 09/13/07

LOG PARAMETERS

MATRIX DENSITY: 2.65	NEUTRON MATRIX: SANDSTONE	MATRIX DELTA T: 177
MAGNETIC DECL: 17	ELECT. CUTOFF: 90999	BIT SIZE: 13.00
PRESENTATION NAME/DATE: #239-PRINT-RES.0	09/12/2007	VERSION: 3.64EK



1:200 COMPENSATED DENSITY 2999 09/13/07

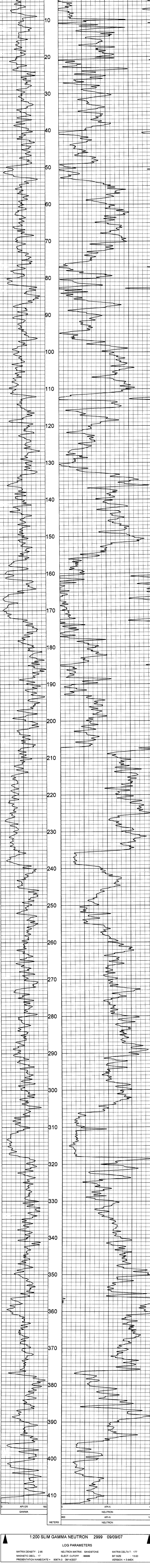
LOG PARAMETERS

Century WIRELINE SERVICES		SLIM GAMMA-NEUTRON	
COMPANY	ELK MOUNT COAL	WELL	2999
FIELD	FORBES WINTER OPERATIONS	OTHER SERVICES	9228 9257
COUNTRY	CANADA	PROVINCE	ALBERTA
LOCATION	N/A	SECTION	N/A
TOWNSHIP	N/A	RANGE	N/A
SECTION	N/A	NEUTRON	NEUTRON
PERMITS	N/A	NEUTRON	NEUTRON
LOG MEASUREMENT FROM TO	0.0	ELEVATION OF W.M.	
LOG MEASUREMENT FROM TO	0.0	ELEVATION OF W.M.	
DATE	09/09/07	DEPTH OR LTR	113
BIT SIZE	13.00	LOG TOP	-0.99
LOG BOTTOM	412.29	LOG TOP	-0.99
LOG BOTTOM	412.29	LOG TOP	-0.99
CASING OR LTR	N/A	LOG BOTTOM	412.29
CASING OR LTR	N/A	LOG BOTTOM	412.29
SPERMATIC FLUID	WATER	LOG BOTTOM	412.29
WELL TEMPERATURE	N/A	LOG BOTTOM	412.29
WELL PRESSURE	N/A	LOG BOTTOM	412.29
WELL WEIGHT	N/A	LOG BOTTOM	412.29
RECORDED BY	B. BERINGER	LOG BOTTOM	412.29
RECORDED BY	B. BERINGER	LOG BOTTOM	412.29
REMARKS 1	DRILLING CONTINUED AFTER LOGGING THROUGH ROSS	LOG BOTTOM	412.29
REMARKS 2		LOG BOTTOM	412.29

1:200 SLIM GAMMA NEUTRON 2999 09/09/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
PRESENTATION NAME/DATE = 9067A.0 08/14/2007 VERSION = 3.64EK



1:200 SLIM GAMMA NEUTRON 2999 09/09/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 17 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
PRESENTATION NAME/DATE = 9067A.0 08/14/2007 VERSION = 3.64EK

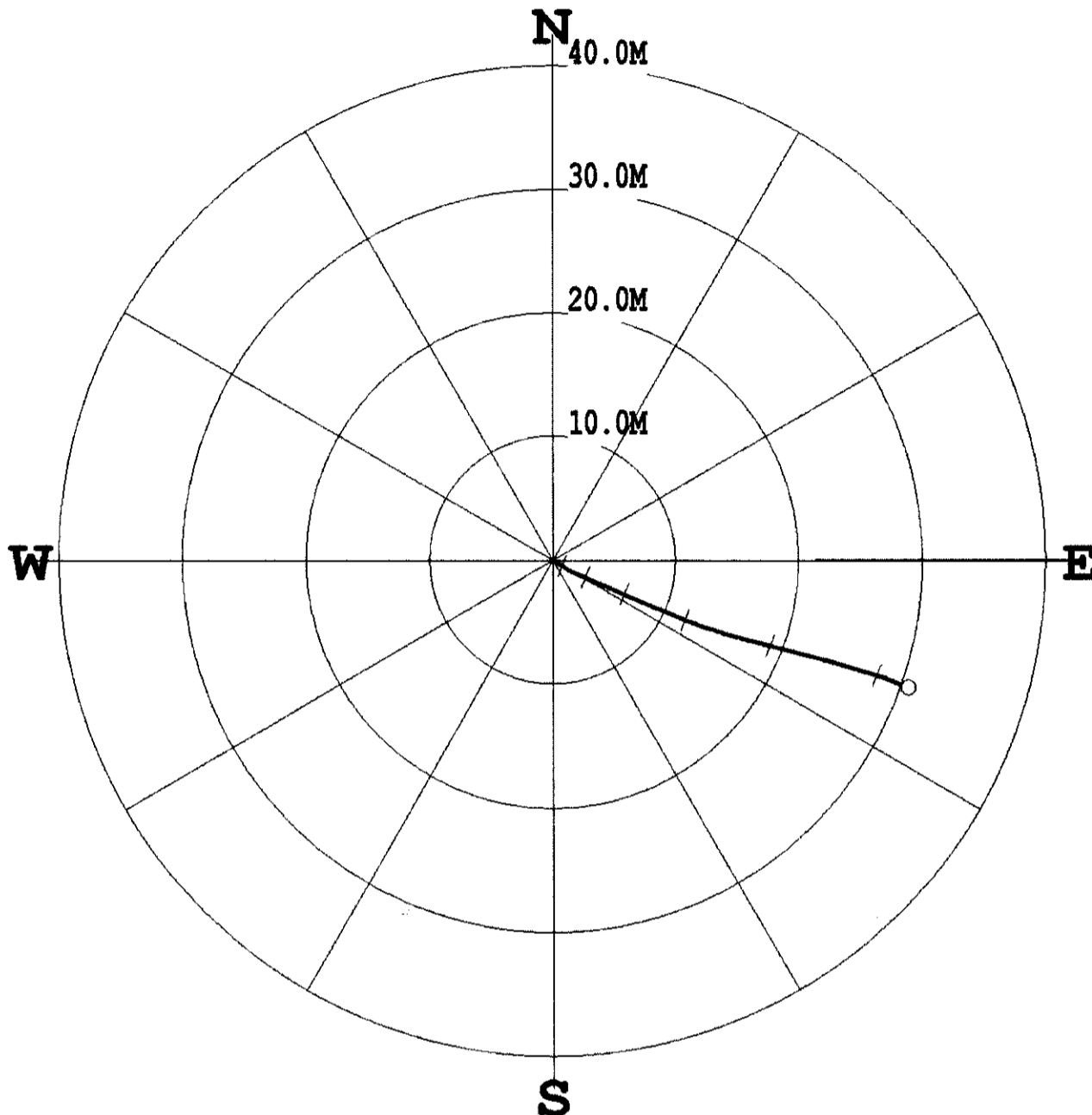
DATE	TIME	SENSOR	STANDARD	RESPONSE
1	JUL20.07 01:44:30	GAMMA	1000 [API-GR]	1.00 [CPS]
1	JUL20.07 01:44:30	GAMMA	250 000 [API-GR]	52.00 [CPS]
2	Sep03.06 10:47:15	NEUTRON	1000 [API-N]	1.00 [CPS]
2	Sep03.06 10:47:15	NEUTRON	500 000 [API-N]	500.00 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 2999
 DATE OF LOG: 09/13/07
 PROBE: 9055A 237



SCALE: 5 M/CM
 TRUE DEPTH: 312.81 M
 AZIMUTH: 109.6
 DISTANCE: 30.6 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL HOLE ID. : 2999
 FIELD OFFICE : PENHOLD DATE OF LOG : 09/13/07
 DATA FROM : N/A PROBE : 9055A , 237
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 2999_09-13-07_16-02_9055A_.02_13.39_314.92_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
15.00	14.99	-0.00	0.00	0.0	117.5	1.0	126.9
25.00	24.99	-0.12	0.18	0.2	123.7	1.3	120.5
35.00	34.98	-0.25	0.41	0.5	121.4	1.5	122.3
45.00	44.98	-0.37	0.64	0.7	120.1	1.7	121.5
55.00	54.98	-0.54	0.89	1.0	121.1	1.9	121.7
65.00	64.97	-0.71	1.14	1.3	122.0	1.8	125.4
75.00	74.96	-0.90	1.45	1.7	122.0	2.2	130.8
85.00	84.96	-1.09	1.83	2.1	120.7	2.9	114.7
95.00	94.94	-1.28	2.34	2.7	118.7	3.2	118.1
105.00	104.92	-1.52	2.88	3.3	117.7	3.4	112.0
115.00	114.91	-1.75	3.42	3.8	117.1	3.1	111.6
125.00	124.89	-1.98	3.97	4.4	116.5	3.6	111.5
135.00	134.86	-2.26	4.63	5.2	116.0	4.4	112.8
145.00	144.83	-2.58	5.36	5.9	115.7	4.8	115.7
155.00	154.79	-2.94	6.18	6.8	115.5	5.8	114.4
165.00	164.74	-3.33	7.07	7.8	115.2	5.6	117.4
175.00	174.69	-3.71	7.99	8.8	114.9	6.0	109.0
185.00	184.63	-4.10	8.98	9.9	114.5	7.1	110.0
195.00	194.56	-4.56	10.07	11.1	114.3	6.9	106.0
205.00	204.48	-5.01	11.25	12.3	114.0	7.5	112.7
215.00	214.39	-5.48	12.50	13.7	113.7	7.7	108.4
225.00	224.29	-5.87	13.83	15.0	113.0	8.4	95.2
235.00	234.19	-6.26	15.20	16.4	112.4	8.1	115.4
245.00	244.08	-6.64	16.63	17.9	111.8	9.4	106.9
255.00	253.94	-7.05	18.25	19.6	111.1	9.9	102.1
265.00	263.79	-7.48	19.88	21.2	110.6	9.7	103.7
275.00	273.65	-7.90	21.52	22.9	110.2	9.7	106.5
285.00	283.50	-8.36	23.19	24.6	109.8	10.1	97.6
295.00	293.32	-8.90	24.94	26.5	109.6	10.4	104.3
305.00	303.12	-9.46	26.84	28.5	109.4	11.5	95.4
314.92	312.77	-10.25	28.81	30.6	109.6	12.8	111.0

3000

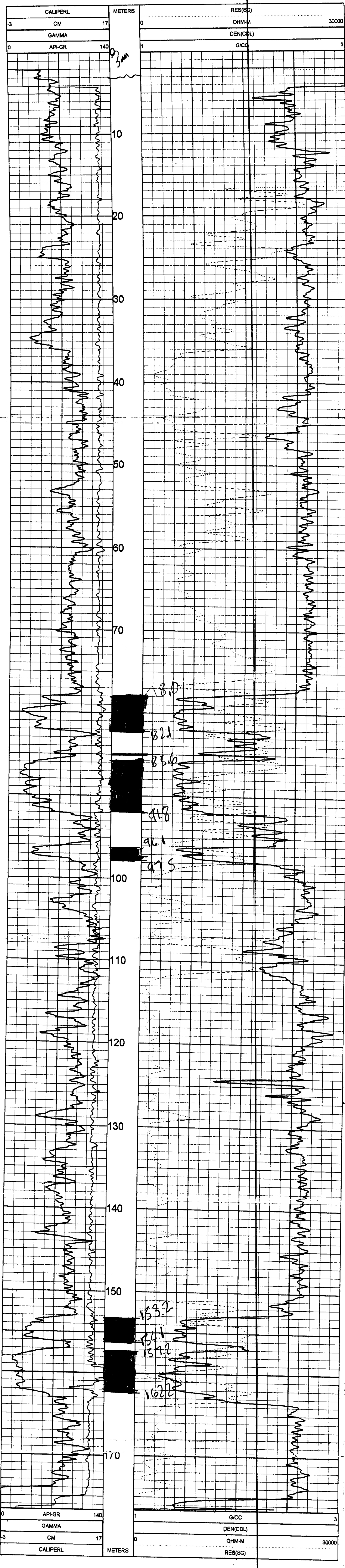
OTHER SERVICES:
9057
9087

COMPANY	ELK VALLEY COAL CORPORATION
WELL	3000
FIELD	FORDING RIVER OPERATOR
COUNTRY	CANADA
STATE	BC
LOCATION	N/A
SECTION	N/A
TOWNSHIP	N/A
RANGE	N/A
API NO.	N/A
UNIQUE WELL ID.	N/A
PERMANENT DATUM	GL
LOG MEASURED FROM GL	GL
DRL MEASURED FROM GL	ELEVATION IS N/A ELEVATION OF N/A ELEVATION GL N/A
DATE	09/01/07
DEPTH DRILLER	192
BIT SIZE	13.00
LOG TOP	1.92
LOG BOTTOM	178.57
LOG OD	N/A
LOG ID	N/A
LOGGING BOTTOM	3
LOGGING TYPE	STEEL
BOREHOLE FLUID	WATER
NM TEMPERATURE	N/A
MWD RES	N/A
MWD WEIGHT	1.0
WITNESSED BY	SOS BRILLING
RECORDED BY	BLAYLOCK
REMARKS 1	SOLE BRIDGED AT 411
REMARKS 2	
REMARKS 3	

1:200 COMPENSATED DENSITY 3000 09/01/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007 VERSION = 3.64ED



1:200 COMPENSATED DENSITY 3000 09/01/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13.00
 PRESENTATION NAME/DATE = 9139-PRINT-RES.0 07/07/2007 VERSION = 3.64ED

COMPANY: ELK VALLEY COAL CORPORATION
WELL: 3000
FIELD: FORDING RIVER OPERATIONS
COUNTRY: CANADA

OTHER SERVICES: 9057
9139

STATE: BC
LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
API NO: N/A
UNIQUE WELL ID: N/A

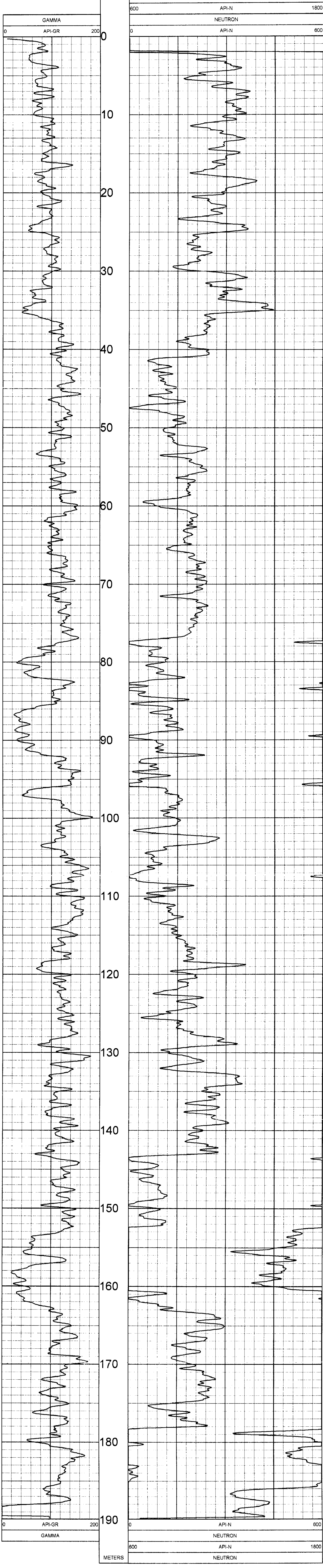
PERMANENT DATUM: GL
LOG MEASURED FROM: GL
DRL MEASURED FROM: GL
ELEVATION KB: N/A
ELEVATION DF: N/A
ELEVATION GL: N/A

DATE: 08/31/07
DEPTH DRILLER: 192
BIT SIZE: 13
LOG TOP: 0.28
LOG BOTTOM: -189.81
CASING OD: N/A
CASING BOTTOM: 3
CASING TYPE: STEEL
BOREHOLE FLUID: WATER
BM TEMPERATURE: N/A
MUD RES: N/A
MUD WEIGHT: 1.0
WMSSED BY: SDS DRILLING
RECORDED BY: BLAYLOCK
REMARKS 1: HOLE BRIDGED AT 411
REMARKS 2: ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 SLIM GAMMA NEUTRON 3000 08/31/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE: 9067A_530.0 08/25/2007 VERSION: 3.64ED



1:200 SLIM GAMMA NEUTRON 3000 08/31/07

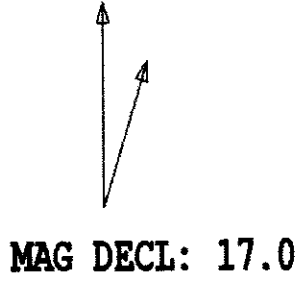
LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE: 9067A_530.0 08/25/2007 VERSION: 3.64ED

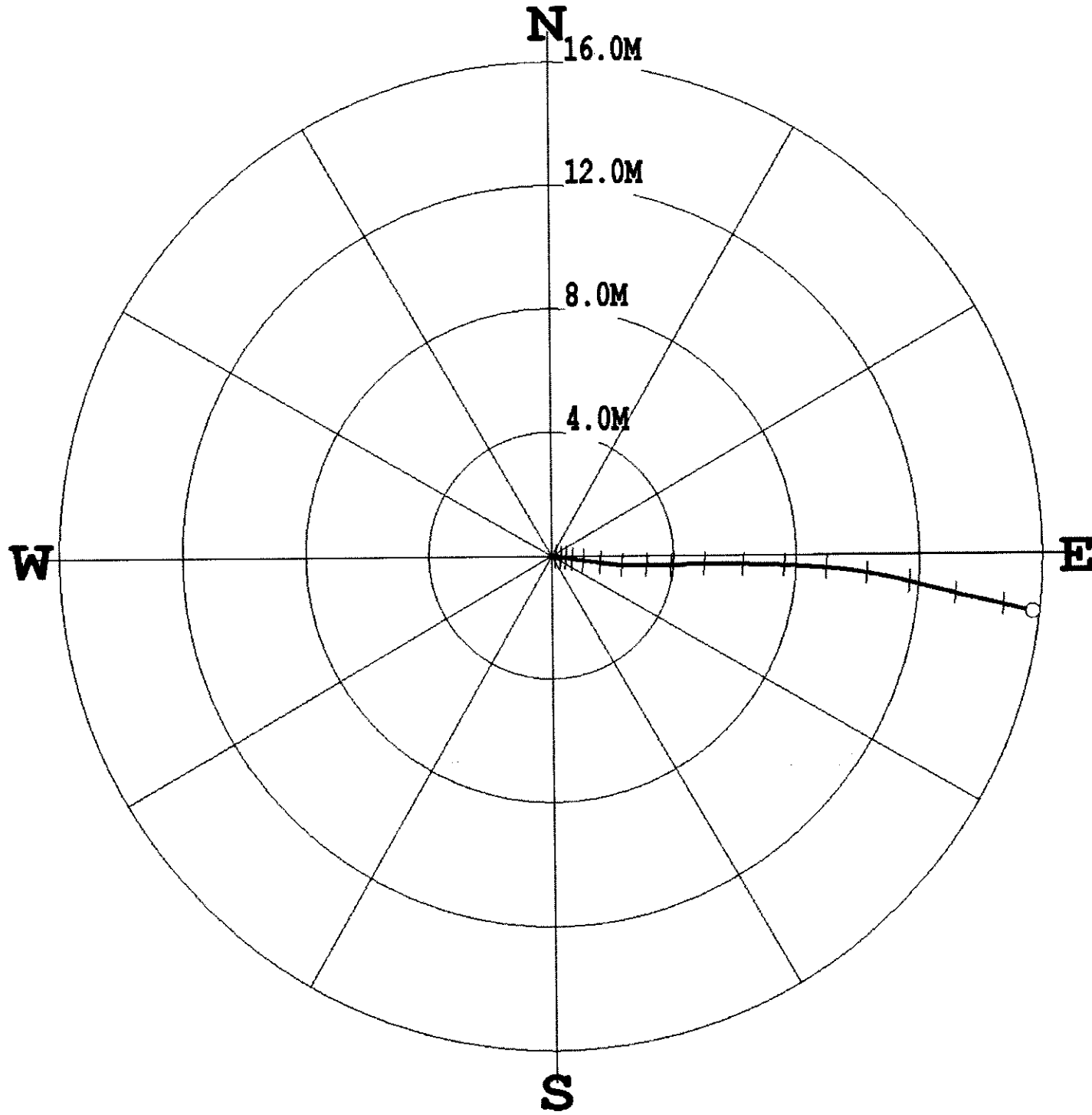
TOOL CALIBRATION 3000 08/31/07 08:50						
TOOL 9067A TM VERSION 1						
SERIAL NUMBER 530						
DATE	TIME	SENSOR	STANDARD	RESPONSE		
1	Jul20,07	01:44:30	GAMMA	1 000	[API-GR]	1.00 [CPS]
	Jul20,07	01:44:30	GAMMA	250 000	[API-GR]	52.00 [CPS]
2	Sep03,06	10:47:15	NEUTRON	1 000	[API-N]	1.00 [CPS]
	Sep03,06	10:47:15	NEUTRON	500 000	[API-N]	500.00 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 3000
 DATE OF LOG: 09/01/07
 PROBE: 9057A 1067



SCALE: 2 M/CM
 TRUE DEPTH: 176.02 M
 AZIMUTH: 96.9
 DISTANCE: 15.8 M
 + = 10 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL COR HOLE ID. : 3000
 FIELD OFFICE : PENHOLD DATE OF LOG : 09/01/07
 DATA FROM : N/A PROBE : 9057A , 1067
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 3000_09-01-07_20-20_9057A_.02_1.94_177.15_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
5.00	5.00	-0.01	0.03	0.0	101.8	1.3	92.4
15.00	15.00	-0.02	0.23	0.2	94.9	0.8	102.2
25.00	25.00	-0.05	0.37	0.4	97.0	0.7	83.0
35.00	34.99	-0.07	0.54	0.5	97.2	1.3	96.5
45.00	44.99	-0.13	0.83	0.8	99.0	1.8	107.8
55.00	54.98	-0.18	1.27	1.3	98.2	3.1	96.9
65.00	64.96	-0.27	1.92	1.9	98.1	4.2	96.3
75.00	74.93	-0.31	2.65	2.7	96.6	4.9	88.8
85.00	84.90	-0.30	3.47	3.5	95.0	4.8	91.2
95.00	94.85	-0.29	4.38	4.4	93.8	6.6	88.3
105.00	104.78	-0.28	5.56	5.6	92.9	7.4	89.7
115.00	114.70	-0.31	6.86	6.9	92.6	7.8	92.0
125.00	124.61	-0.37	8.21	8.2	92.6	7.8	92.5
135.00	134.52	-0.48	9.54	9.6	92.9	7.8	100.5
145.00	144.43	-0.71	10.86	10.9	93.7	8.0	102.6
155.00	154.32	-1.05	12.28	12.3	94.9	8.7	103.9
165.00	164.20	-1.42	13.77	13.8	95.9	9.2	105.3
175.00	174.07	-1.81	15.34	15.4	96.7	9.5	105.2
176.98	176.02	-1.89	15.65	15.8	96.9	9.5	104.1

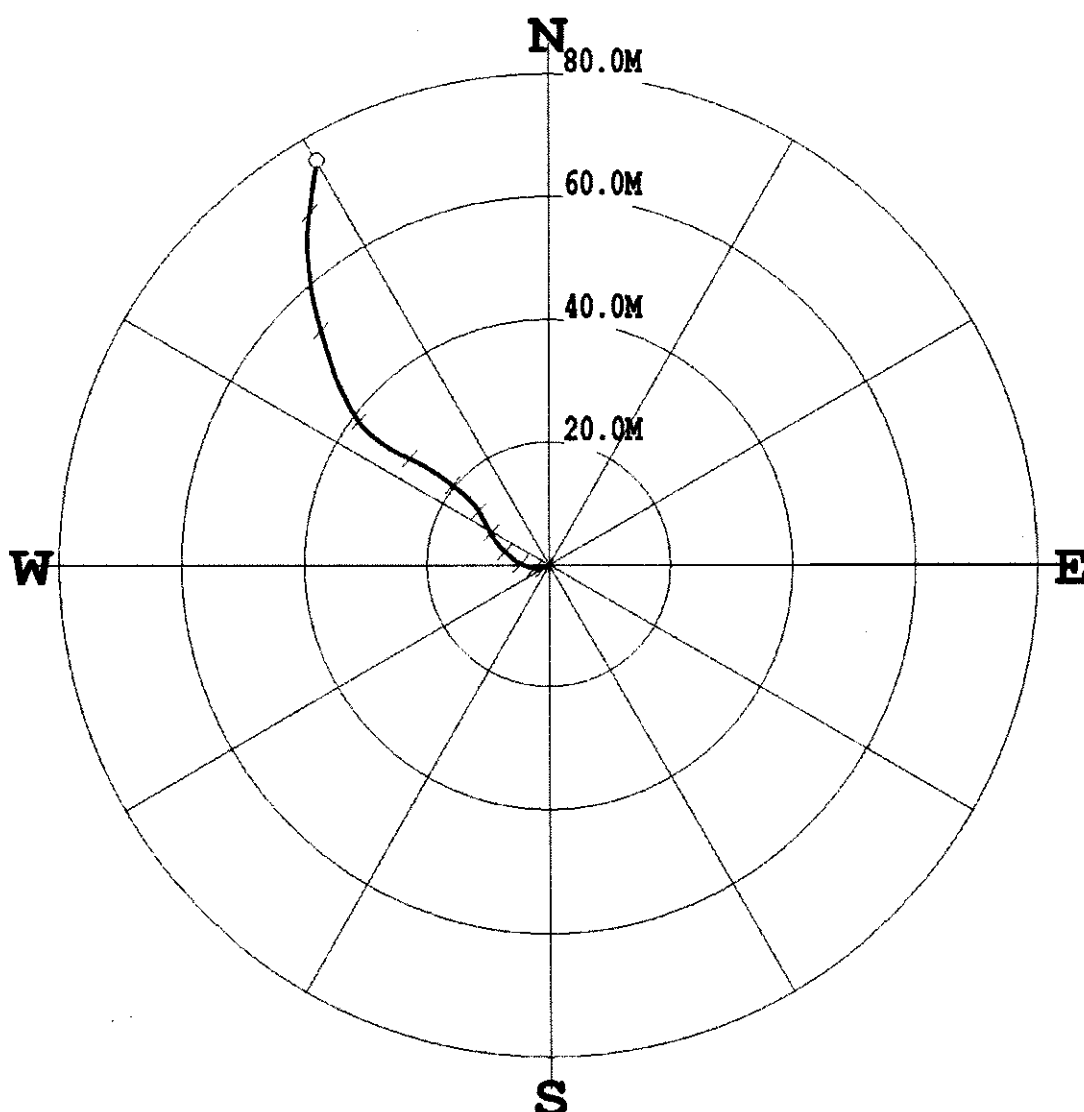


PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 3039
 DATE OF LOG: 09/12/07
 PROBE: 9057A 4430



SCALE: 10 M/CM
 TRUE DEPTH: 572.53 M
 AZIMUTH: 330.1
 DISTANCE: 75.9 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL HOLE ID. : 3039
 FIELD OFFICE : PENHOLD DATE OF LOG : 09/12/07
 DATA FROM : N/A PROBE : 9057A 4430
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 3039_09-12-07_12-55_9057A_02_6.80_583.15_DEVI.log

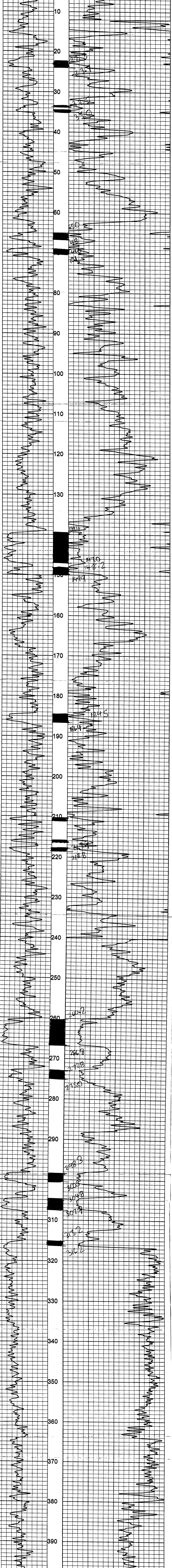
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.00	10.00	-0.02	-0.01	0.0	213.5	0.9	217.2
20.00	20.00	-0.16	-0.12	0.2	217.7	1.3	229.0
30.00	30.00	-0.28	-0.28	0.4	224.6	1.4	228.2
40.00	39.99	-0.39	-0.49	0.6	231.6	1.5	248.1
50.00	49.99	-0.46	-0.82	0.9	240.6	2.0	266.1
60.00	59.98	-0.50	-1.19	1.3	247.0	1.7	267.5
70.00	69.98	-0.52	-1.44	1.5	250.1	1.3	271.5
80.00	79.97	-0.52	-1.68	1.8	252.9	1.6	271.5
90.00	89.97	-0.52	-1.96	2.0	255.1	1.6	269.1
100.00	99.96	-0.51	-2.29	2.3	257.4	1.9	275.5
110.00	109.96	-0.47	-2.73	2.8	260.1	2.7	279.7
120.00	119.94	-0.37	-3.19	3.2	263.3	3.0	283.6
130.00	129.93	-0.23	-3.69	3.7	266.4	3.1	290.0
140.00	139.92	-0.04	-4.19	4.2	269.5	3.0	291.3
150.00	149.90	0.18	-4.65	4.7	272.2	3.0	299.7
160.00	159.89	0.47	-5.15	5.2	275.2	3.5	302.5
170.00	169.87	0.83	-5.67	5.7	278.3	3.8	306.4
180.00	179.84	1.23	-6.19	6.3	281.2	3.9	306.8
190.00	189.82	1.66	-6.70	6.9	283.9	4.0	312.4
200.00	199.80	2.14	-7.22	7.5	286.5	4.0	313.4
210.00	209.77	2.65	-7.71	8.2	289.0	4.3	316.3
220.00	219.74	3.21	-8.21	8.8	291.4	4.3	322.4
230.00	229.72	3.78	-8.67	9.5	293.5	4.2	324.6
240.00	239.68	4.45	-9.10	10.1	296.0	4.7	329.2
250.00	249.65	5.16	-9.50	10.8	298.5	4.7	333.8
260.00	259.62	5.89	-9.87	11.5	300.8	4.7	328.5
270.00	269.59	6.59	-10.26	12.2	302.7	4.4	330.7
280.00	279.56	7.26	-10.62	12.9	304.4	4.5	332.6
290.00	289.52	8.00	-11.03	13.6	306.0	5.1	330.1
300.00	299.48	8.78	-11.48	14.5	307.4	5.5	333.0
310.00	309.44	9.55	-12.00	15.3	308.5	5.6	322.0
320.00	319.38	10.37	-12.71	16.4	309.2	6.5	317.9
330.00	329.31	11.18	-13.54	17.6	309.5	7.1	311.9
340.00	339.22	12.00	-14.55	18.9	309.5	7.8	308.8
350.00	349.13	12.87	-15.64	20.3	309.4	8.2	308.1
360.00	359.02	13.74	-16.81	21.7	309.3	8.3	306.9
370.00	368.90	14.63	-18.08	23.3	309.0	9.3	306.7
380.00	378.76	15.56	-19.47	24.9	308.6	9.9	302.7
390.00	388.61	16.44	-20.95	26.6	308.1	10.1	297.4
400.00	398.46	17.21	-22.51	28.3	307.4	9.9	295.7
410.00	408.31	17.88	-24.05	30.0	306.6	9.5	295.9
420.00	418.16	18.69	-25.57	31.7	306.2	10.7	301.4
430.00	427.97	19.77	-27.21	33.6	306.0	12.3	307.1
440.00	437.72	21.13	-28.95	35.8	306.1	13.3	311.8
450.00	447.43	22.83	-30.65	38.2	306.7	14.3	321.8
460.00	457.08	24.99	-32.12	40.7	307.9	16.2	330.9
470.00	466.66	27.52	-33.46	43.3	309.4	17.2	334.4
480.00	476.19	30.28	-34.69	46.0	311.1	18.2	338.5
490.00	485.64	33.37	-35.73	48.9	313.0	19.3	343.0
500.00	495.09	36.52	-36.69	51.8	314.9	19.2	342.3
510.00	504.49	39.77	-37.63	54.8	316.6	19.8	344.5

COMPANY	EST VALLEY COAL	OTHER SERVICES
WELL	3040	WELL
FIELD	FORBING RIVER OPERA	ZONE
COUNTRY	CANADA	ZONE
PROVINCE	ALBERTA	
LOCATION	N/A	
SECTION	N/A	
TOWNSHIP	N/A	
RANGE	N/A	
LENDICE NO.	N/A	
LINKAGE NO.	N/A	
PERMANENT DATUM	SEA	ELEVATION IN M
LOG MEASURED FROM GL		ELEVATION OF M
DEPTH DIMENSION	DEPTH	ELEVATION OF M
LOG TOP	9.43	
LOG BOTTOM	42.63	
CASING COOPER	3	
CASING DIETER	3	
CASING TYPE	STEEL	
BOREHOLE FLUID	WATER	
NM TEMPERATURE	N/A	
AND WEIGHT	1.9	
ANTISERBY	SIS DRILLING	
RECORDED BY	S. BERNIER	
REMARKS 1		
REMARKS 2		

1:200 SLIM GAMMA NEUTRON 3040 09/15/07

LOG PARAMETERS

MATRIX DENSITY: 2.65 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
 MAGNETIC DECL: 17 ELECT. CUTOFF: 99999 BIT SIZE: 13
 PRESENTATION NAME/DATE: 9087A.D 09/11/2007 VERSION: 3.64EK

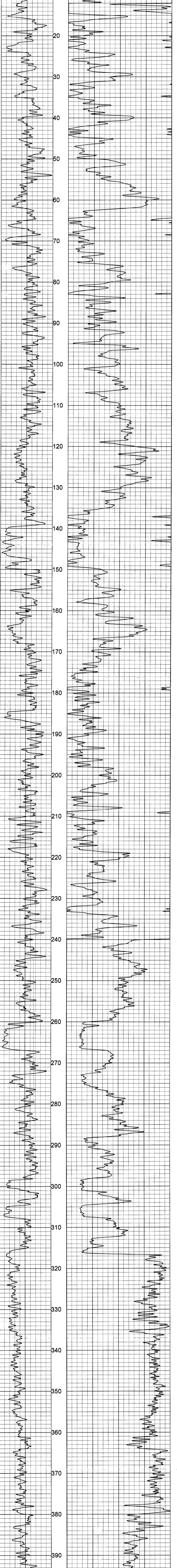


COMPANY	ELK VALLEY COAL	OTHER SERVICES	
WELL	3040		
FIELD	FORDING RIVER OPERATIONS		
COUNTRY	CANADA	9657	
PROVINCE	ALBERTA	9228	
LOCATION	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENCE NO.	N/A		
LAND WELL ID	N/A		
PERMANENT DATA	SL	ELEVATION BE N/A	
LOG MEASURED FROM SL		ELEVATION DE N/A	
DATE	09/15/07	LOG MEASURED FROM SL	ELEVATION OL N/A
DEPTH DRILLER			
BIT SIZE	13		
LOG TOP	51.43		
LOG BOTTOM	400.93		
CASING LOGGER	N/A		
CASING TYPE	3		
BORHOLE FLUID	STEEL		
BM TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	1.0		
WITNESSED BY	SOS DRILLING		
RECORDED BY	RE BRUNGER		
REMARKS 1			
REMARKS 2			

1:200 SLIM GAMMA NEUTRON 3040 09/15/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17 ELECT CUTOFF 96669 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9087A.0 09/11/2007 VERSION = 3.64EK

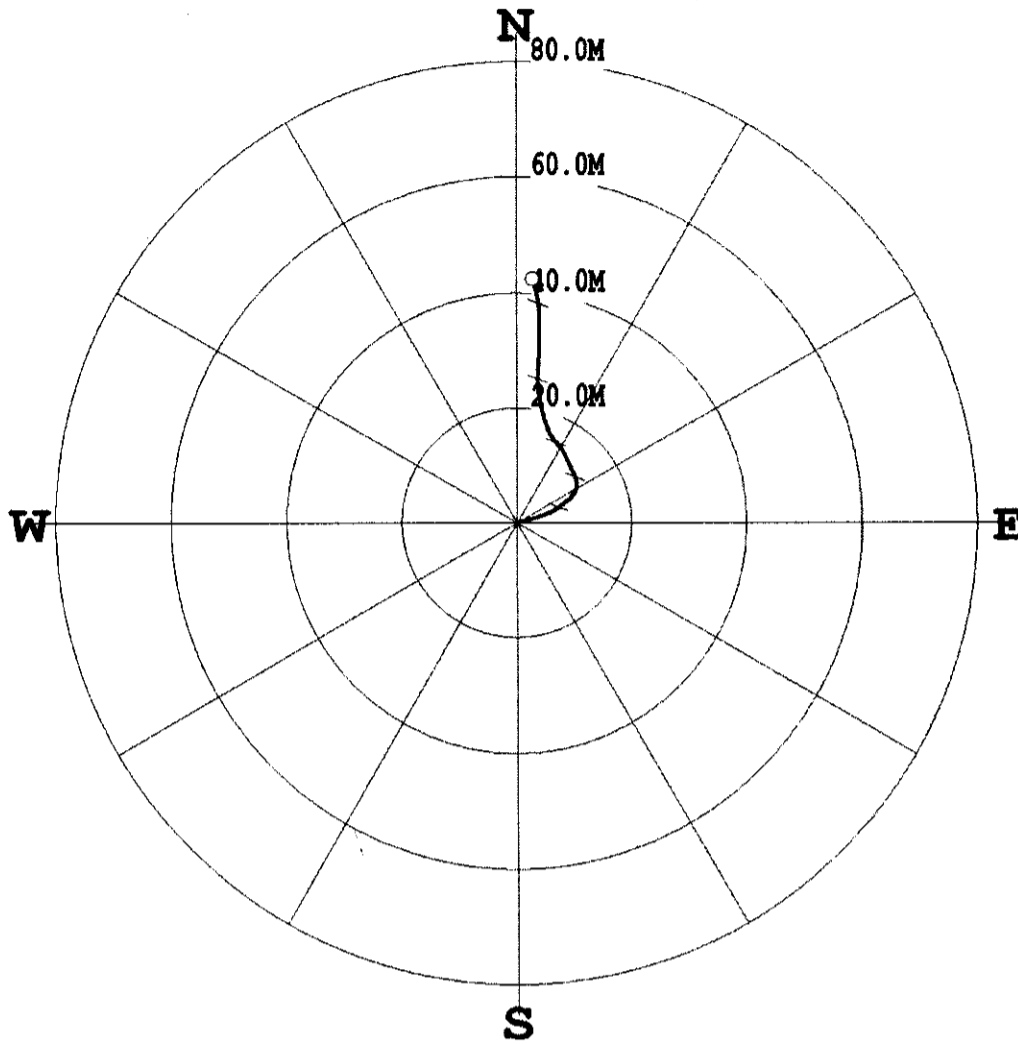


PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 3042
 DATE OF LOG: 09/27/07
 PROBE: 9057A 4430



SCALE: 10 M/CM
 TRUE DEPTH: 535.45 M
 AZIMUTH: 3.7
 DISTANCE: 42.4 M
 + = 100 M INCR
 ○ = BOTTOM OF HOLE



***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : ELK VALLEY COAL COR HOLE ID. : 3042
 FIELD OFFICE : PENHOLD DATE OF LOG : 09/27/07
 DATA FROM : N/A PROBE : 9057A 4430
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 3042_09-27-07_18-09_9057A_.02_-0.12_538.26_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
5.00	5.00	0.02	0.04	0.0	64.6	0.4	65.9
15.00	15.00	0.10	0.27	0.3	70.1	2.0	69.9
25.00	24.99	0.20	0.70	0.7	73.6	3.0	68.3
35.00	34.96	0.34	1.36	1.4	75.9	4.5	77.2
45.00	44.92	0.56	2.25	2.3	76.1	6.2	75.7
55.00	54.86	0.93	3.30	3.4	74.3	6.5	52.9
65.00	64.81	1.24	4.25	4.4	73.7	5.6	70.2
75.00	74.76	1.58	5.17	5.4	73.0	5.6	69.9
85.00	84.71	1.97	6.04	6.4	72.0	5.5	63.9
95.00	94.67	2.44	6.83	7.3	70.3	5.3	55.3
105.00	104.63	2.98	7.57	8.1	68.5	4.9	52.7
115.00	114.59	3.50	8.22	8.9	66.9	4.7	48.9
125.00	124.57	3.93	8.79	9.6	65.9	3.7	54.2
135.00	134.55	4.34	9.29	10.3	64.9	3.8	43.8
145.00	144.53	4.81	9.68	10.8	63.6	4.1	31.1
155.00	154.51	5.39	10.00	11.4	61.7	3.6	24.7
165.00	164.49	5.95	10.23	11.8	59.8	3.2	16.0
175.00	174.47	6.48	10.35	12.2	57.9	3.3	7.4
185.00	184.45	7.11	10.31	12.5	55.4	3.7	352.0
195.00	194.43	7.70	10.17	12.8	52.9	3.3	341.8
205.00	204.42	8.22	9.97	12.9	50.5	3.1	338.7
215.00	214.40	8.76	9.75	13.1	48.1	3.4	336.4
225.00	224.38	9.33	9.49	13.3	45.5	3.8	334.1
235.00	234.36	9.89	9.22	13.5	43.0	3.8	336.0
245.00	244.34	10.45	8.97	13.8	40.6	3.7	335.1
255.00	254.32	11.05	8.69	14.1	38.2	3.7	335.9
265.00	264.30	11.64	8.41	14.4	35.8	4.2	333.1
275.00	274.27	12.31	8.06	14.7	33.2	4.4	331.9
285.00	284.24	12.99	7.65	15.1	30.5	4.6	322.3
295.00	294.21	13.61	7.16	15.4	27.8	4.3	321.4
305.00	304.17	14.24	6.61	15.7	24.9	5.4	320.7
315.00	314.13	14.98	6.04	16.1	22.0	5.7	328.2
325.00	324.07	15.90	5.55	16.8	19.2	6.1	334.2
335.00	334.01	16.96	5.16	17.7	16.9	6.9	352.6
345.00	343.94	18.07	4.77	18.7	14.8	6.7	342.5
355.00	353.87	19.19	4.45	19.7	13.1	6.4	344.8
365.00	363.81	20.29	4.20	20.7	11.7	6.4	350.3
375.00	373.74	21.48	4.00	21.8	10.6	7.4	351.7
385.00	383.65	22.77	3.80	23.1	9.5	7.6	349.5
395.00	393.56	24.13	3.65	24.4	8.6	7.9	5.2
405.00	403.46	25.49	3.63	25.7	8.1	7.7	0.5
415.00	413.37	26.82	3.68	27.1	7.8	7.6	0.9
425.00	423.28	28.15	3.79	28.4	7.7	7.4	3.8
435.00	433.20	29.43	3.89	29.7	7.5	7.4	2.3
445.00	443.11	30.75	3.92	31.0	7.3	7.3	359.3
455.00	453.03	32.02	3.90	32.3	6.9	7.2	359.2
465.00	462.95	33.32	3.90	33.5	6.7	7.8	1.5
475.00	472.85	34.69	3.93	34.9	6.5	8.0	1.0
485.00	482.76	36.05	3.94	36.3	6.2	7.5	359.8
495.00	492.68	37.31	3.87	37.5	5.9	7.1	356.5
505.00	502.61	38.47	3.74	38.6	5.6	6.7	349.2

COMPANY: ELVAILEY COAL CORPORATION
WELL: 3043
FIELD: FORDS RIVER OPERATIONS
COUNTY: CANADA
STATE: SC

SECTION: 7N
RANGE: 7N
TOWNSHIP: 7N
SECTION: 7N
RANGE: 7N
TOWNSHIP: 7N

LOG MEASURED FROM TO: 0.0
LOG MEASURED FROM TO: 0.0
ELEVATION TO: 7N
ELEVATION TO: 7N

DATE: 09/21/07
DEPTH: 481
BIT SIZE: 13

LOG TOP: 0.45
LOG BOTTOM: 488.84
CHANGING BOTTOM: 9

CHANGING TYPE: STEEL
ROD/TEMPERATURE: 9
ROD/TEMPERATURE: 9

ROD/TEMPERATURE: 9
ROD/TEMPERATURE: 9
ROD/TEMPERATURE: 9

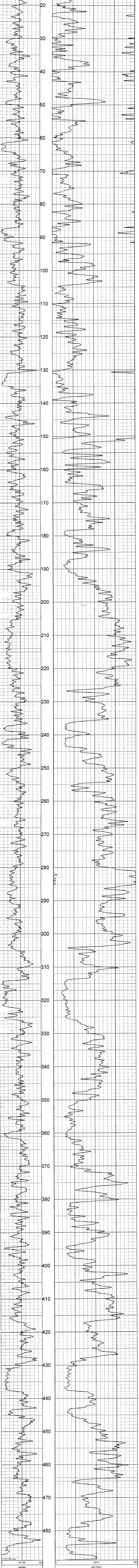
REMARKS 1:
REMARKS 2:
REMARKS 3:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

1:200 SLIM GAMMA NEUTRON 3043 09/21/07

LOG PARAMETERS

MATRIX DENSITY: 2.85 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE: 9087A_530.0_09/20/2007 VERSION: 3.64EK



1:200 SLIM GAMMA NEUTRON 3043 09/21/07

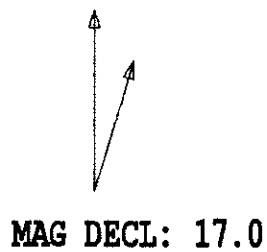
LOG PARAMETERS

MATRIX DENSITY: 2.85 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE: 9087A_530.0_09/20/2007 VERSION: 3.64EK

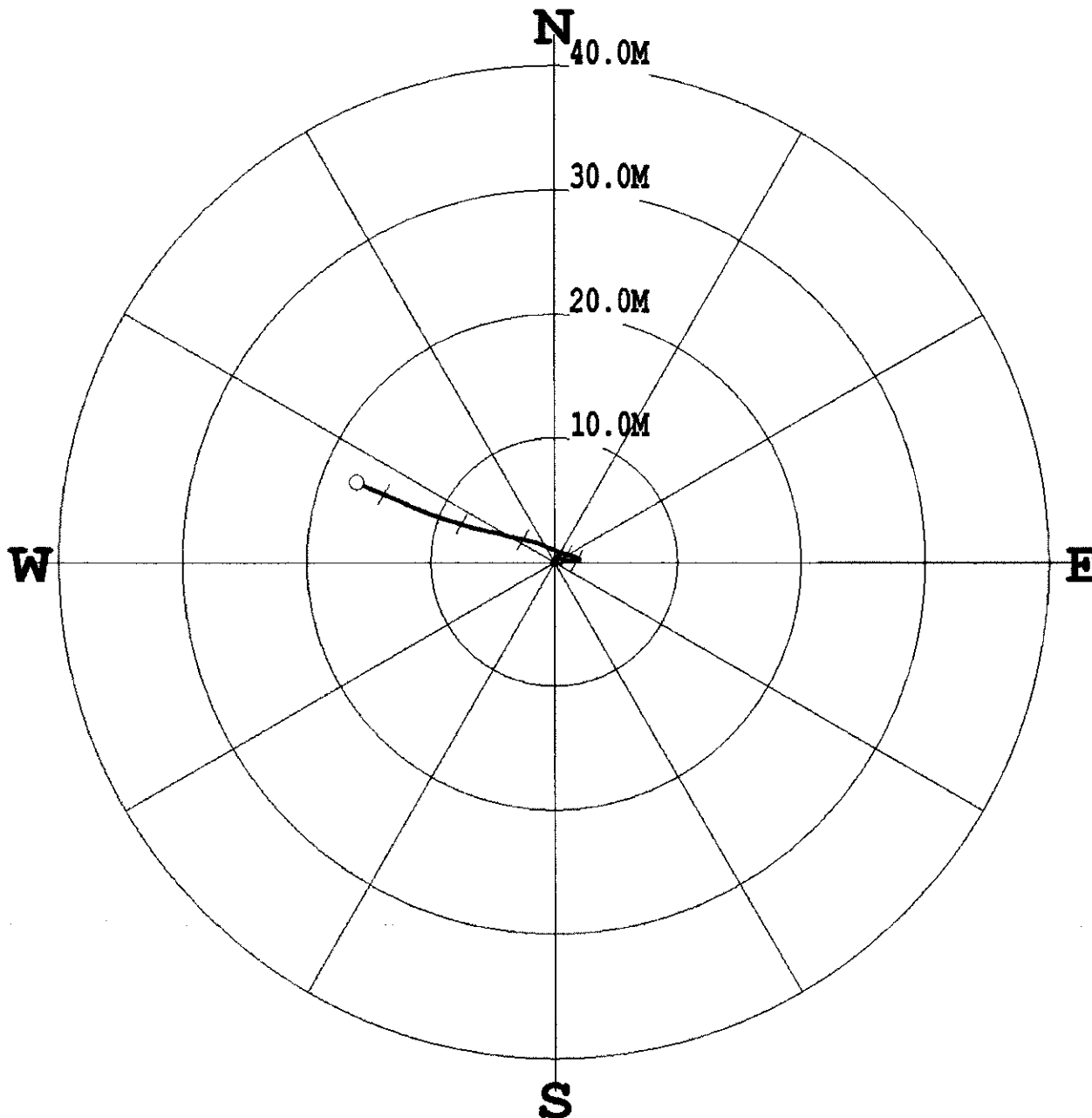
TOOL CALIBRATION 3043 09/21/07 20:46			
TOOL 9087A TM VERSION 1			
SERIAL NUMBER 530			
DATE	TIME	SENSOR	STANDARD
1	Jul20/07 01:44:30	GAMMA	1.000 [API-GR]
2	Jul20/07 01:44:30	GAMMA	250.000 [API-N]
3	Sep03/06 10:47:15	NEUTRON	1.000 [API-N]
4	Sep03/06 10:47:15	NEUTRON	500.000 [API-N]
			RESPONSE
			1.00 [CPS]
			52.00 [CPS]
			1.00 [CPS]
			500.00 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 3043
 DATE OF LOG: 09/22/07
 PROBE: 9057A 4430



SCALE: 5 M/CM
 TRUE DEPTH: 316.28 M
 AZIMUTH: 291.9
 DISTANCE: 17.2 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL COR HOLE ID. : 3043
 FIELD OFFICE : PENHOLD DATE OF LOG : 09/22/07
 DATA FROM : N/A PROBE : 9057A , 4430
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 3043_09-22-07_21-35_9057A_.02_8.84_317.64_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.56	10.56	0.00	0.00	0.0	2.7	1.4	2.7
20.00	20.00	0.20	0.00	0.2	1.3	1.3	348.5
30.00	30.00	0.37	0.02	0.4	3.3	0.8	22.4
40.00	40.00	0.48	0.13	0.5	15.3	0.9	69.3
50.00	49.99	0.46	0.34	0.6	36.0	1.7	103.1
60.00	59.90	0.26	0.60	0.7	67.0	1.6	105.6
70.00	69.89	0.18	0.87	0.9	78.5	1.5	104.6
80.00	79.89	0.14	1.19	1.2	83.5	2.0	85.0
90.00	89.88	0.14	1.52	1.5	84.6	1.7	89.5
100.00	99.88	0.17	1.81	1.8	84.7	1.4	83.6
110.00	109.87	0.20	1.96	2.0	84.3	0.2	61.3
120.00	119.87	0.22	1.99	2.0	83.8	0.3	66.5
130.00	129.87	0.33	1.92	1.9	80.2	1.9	299.6
140.00	139.86	0.50	1.52	1.6	71.8	2.9	292.1
150.00	149.85	0.63	1.01	1.2	58.0	3.2	283.1
160.00	159.82	0.85	0.37	0.9	23.8	4.2	291.6
170.00	169.80	1.11	-0.32	1.2	344.1	3.9	301.2
180.00	179.76	1.42	-1.04	1.8	323.7	4.6	292.1
190.00	189.73	1.66	-1.79	2.4	312.8	4.5	284.5
200.00	199.71	1.84	-2.53	3.1	306.1	4.3	281.7
210.00	209.67	2.00	-3.30	3.9	301.3	5.2	279.7
220.00	219.63	2.23	-4.19	4.7	298.0	5.8	287.5
230.00	229.58	2.47	-5.19	5.7	295.5	6.6	282.3
240.00	239.51	2.72	-6.29	6.9	293.4	6.7	283.4
250.00	249.44	3.03	-7.47	8.1	292.1	7.0	286.9
260.00	259.35	3.42	-8.70	9.3	291.5	7.3	287.2
270.00	269.27	3.84	-9.93	10.6	291.2	7.5	292.7
280.00	279.18	4.33	-11.13	11.9	291.3	7.7	293.6
290.00	289.09	4.88	-12.37	13.3	291.5	8.0	294.8
300.00	298.99	5.43	-13.65	14.7	291.7	8.2	293.0
310.00	308.89	5.98	-14.98	16.1	291.8	8.2	293.0
317.46	316.28	6.40	-15.95	17.2	291.9	8.1	291.2



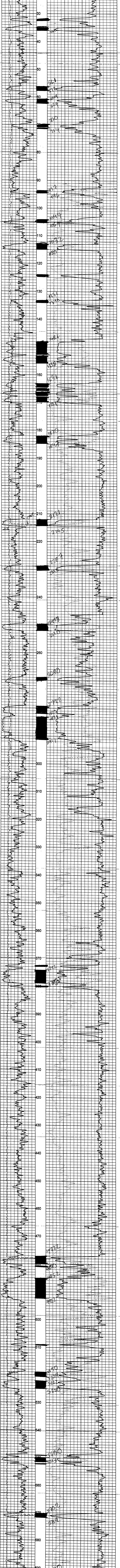
COMPENSATED DENSITY
GAMMA-CALIPER-RES
3044

3044

COMPANY	GENLINE	ESTIMATED OPERATIONS	3044
FIELD	3044	FORMATION OPERATIONS	3044
COUNTRY	CANADA	SECTION	N/A
LOCATION	SC	TOWNSHIP	N/A
PROVINCE	N/A	RANGE	N/A
SECTION	N/A	NEUTRON LOG	N/A
TOWNSHIP	N/A	LOG NUMBER	3044
RANGE	N/A	LOG DATE	10/21/07
NEUTRON LOG	N/A	LOG TIME	13:30
LOG NUMBER	3044	LOG BOTTOM	517
LOG DATE	10/21/07	LOG TOP	517
LOG TIME	13:30	LOG LENGTH	13.30
LOG BOTTOM	517	LOG TOP	517
LOG TOP	517	LOG LENGTH	13.30

DENSITY OPEN HOLE 1:200 3044 10/21/07

LOG PARAMETERS
 MATRIX DENSITY: 2.65
 NEUTRON MATRIX: SANDSTONE
 MAGNETIC DECL: 17.00
 ELECT. CUTOFF: 00000
 PRESENTATION NAME/DATE: #130-PRINT-RES_LC.O 07/16/2007
 MATRIX DELTA T: 177
 BIT SIZE: 13.00
 VERSION: 3.84EK



COMPANY	EL VALLEY COIL CONNECTION	OTHER SERVICES	
WELL	3044	LOG SIZE	3047
WELL TYPE	FORMATION OPERATIONS		
LOCATION			
SECTION			
TOWNSHIP			
RANGE			
SECTION			
PERMIT NO.			
PERMIT DATE			
LOG NUMBER			
LOG DATE			
LOG TIME			
LOG USER			
LOG UNIT			
LOG TYPE			
LOG STATUS			
LOG COMMENTS			

LOG NO.	959
LOG DATE	10/20/07
LOG TIME	11:00:19
LOG USER	9623
LOG UNIT	
LOG STATUS	
LOG COMMENTS	

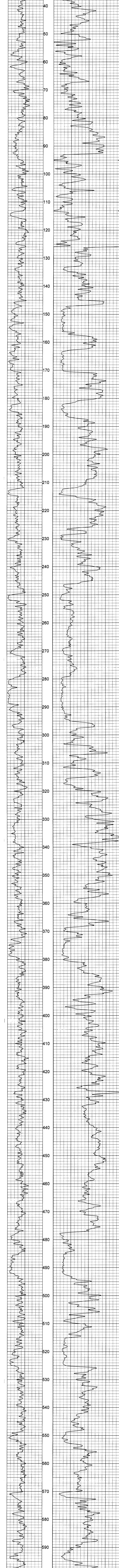
LOG NO.	959
LOG DATE	10/20/07
LOG TIME	11:00:19
LOG USER	9623
LOG UNIT	
LOG STATUS	
LOG COMMENTS	

LOG NO.	959
LOG DATE	10/20/07
LOG TIME	11:00:19
LOG USER	9623
LOG UNIT	
LOG STATUS	
LOG COMMENTS	

LOG NO.	959
LOG DATE	10/20/07
LOG TIME	11:00:19
LOG USER	9623
LOG UNIT	
LOG STATUS	
LOG COMMENTS	

NEUTRON THRU DRILL PIPE 1:200 3044 10/20/07

MATRIX DENSITY : 2.65	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL. : 17.00	ELECT CUTOFF : 96699	BIT SIZE : 13
PRESENTATION NAME/DATE : 9087A_530.0_10/04/2007		VERSION : 3.64EK



NEUTRON THRU DRILL PIPE 1:200 3044 10/20/07

MATRIX DENSITY : 2.65	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL. : 17.00	ELECT CUTOFF : 96699	BIT SIZE : 13
PRESENTATION NAME/DATE : 9087A_530.0_10/04/2007		VERSION : 3.64EK

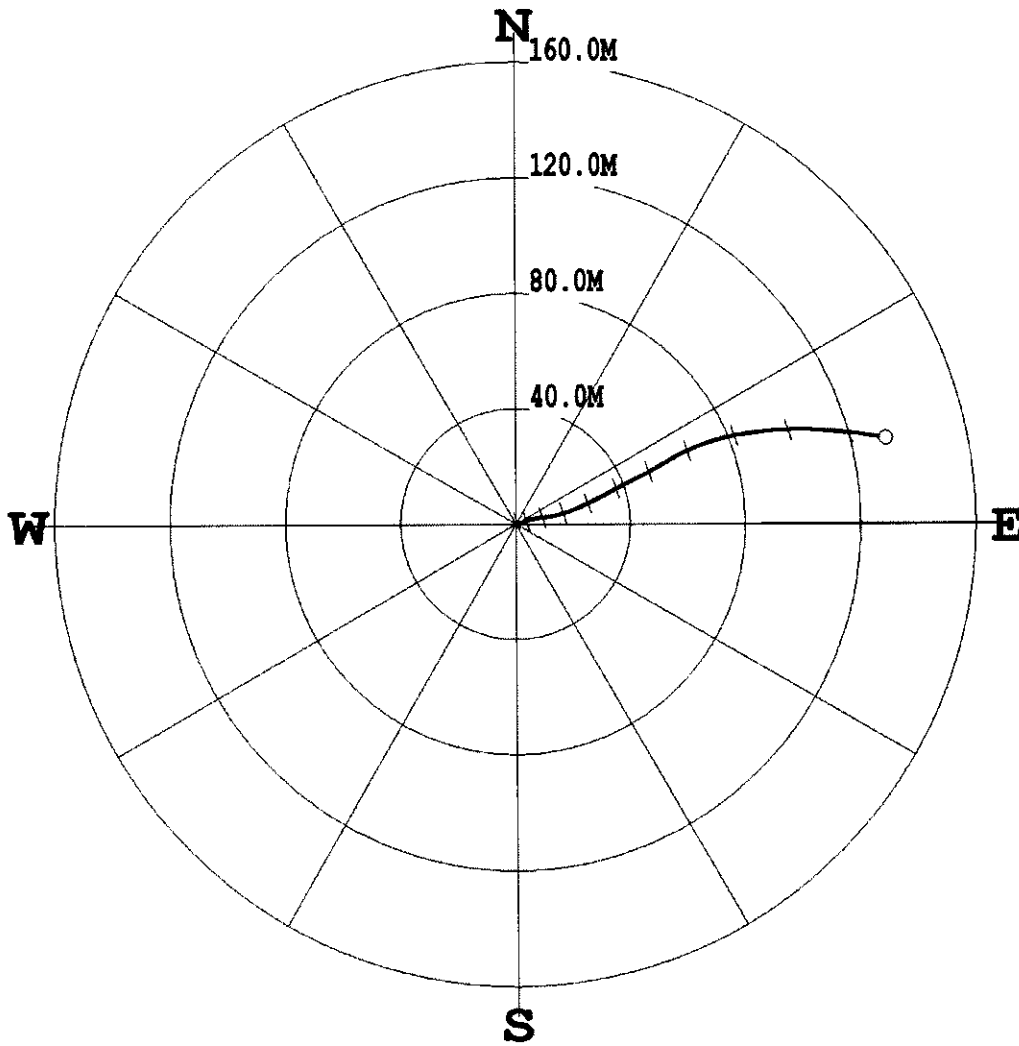
TOOL CALIBRATION 3044 10/20/07 01:01	SENSOR	STANDARD	RESPONSE
1 Jun28.06 11:00:19	GAMMA	Default [CPS]	Default [CPS]
2 Jun28.06 11:00:19	NEUTRON	Default [CPS]	Default [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 3044
 DATE OF LOG: 10/21/07
 PROBE: 9057A 4430



SCALE: 20 M/CM
 TRUE DEPTH: 578.40 M
 AZIMUTH: 77.0
 DISTANCE: 132.1 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL COR HOLE ID. : 3044
 FIELD OFFICE : PENHOLD DATE OF LOG : 10/21/07
 DATA FROM : N/A PROBE : 9057A , 4430
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 3044_10-21-07_15-46_9057A_02_30.00_598.99_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
30.02	30.02	-0.00	0.00	0.0	94.3	1.3	94.3
40.00	40.00	0.03	0.29	0.3	84.5	2.1	83.2
50.00	49.99	0.10	0.64	0.6	81.1	2.3	77.5
60.00	59.98	0.21	1.06	1.1	78.5	2.9	73.3
70.00	69.96	0.37	1.62	1.7	77.0	4.2	72.0
80.00	79.93	0.65	2.31	2.4	74.2	3.9	68.5
90.00	89.91	0.90	2.95	3.1	73.1	4.0	68.9
100.00	99.88	1.15	3.67	3.9	72.6	4.6	73.1
110.00	109.85	1.40	4.47	4.7	72.6	5.2	74.9
120.00	119.80	1.63	5.44	5.7	73.3	5.9	77.2
130.00	129.74	1.83	6.53	6.8	74.3	6.9	79.7
140.00	139.66	2.03	7.76	8.0	75.4	7.7	81.9
150.00	149.56	2.21	9.16	9.4	76.4	8.1	82.2
160.00	159.46	2.40	10.55	10.8	77.2	8.1	82.2
170.00	169.36	2.61	11.95	12.2	77.7	8.3	80.1
180.00	179.25	2.86	13.36	13.7	77.9	8.0	80.0
190.00	189.14	3.18	14.83	15.2	77.9	8.8	76.4
200.00	199.02	3.59	16.34	16.7	77.6	9.0	74.1
210.00	208.89	4.08	17.85	18.3	77.1	9.5	70.5
220.00	218.74	4.69	19.43	20.0	76.4	10.1	67.9
230.00	228.58	5.37	21.11	21.8	75.7	10.6	67.2
240.00	238.40	6.13	22.85	23.7	75.0	11.2	66.0
250.00	248.19	6.96	24.68	25.6	74.3	12.4	65.4
260.00	257.95	7.90	26.67	27.8	73.5	12.9	65.0
270.00	267.70	8.87	28.63	30.0	72.8	12.4	63.3
280.00	277.47	9.86	30.55	32.1	72.1	12.5	62.0
290.00	287.24	10.86	32.40	34.2	71.5	12.1	61.3
300.00	297.02	11.86	34.26	36.3	70.9	12.7	62.1
310.00	306.76	12.92	36.25	38.5	70.4	13.0	61.1
320.00	316.47	14.04	38.37	40.9	69.9	14.2	62.7
330.00	326.16	15.17	40.58	43.3	69.5	15.5	63.9
340.00	335.82	16.32	42.90	45.9	69.2	14.7	63.8
350.00	345.49	17.47	45.16	48.4	68.9	14.7	62.4
360.00	355.14	18.70	47.46	51.0	68.5	15.7	60.1
370.00	364.73	20.12	49.90	53.8	68.0	16.6	59.5
380.00	374.30	21.59	52.43	56.7	67.6	17.1	60.1
390.00	383.83	23.07	55.05	59.7	67.3	17.7	61.7
400.00	393.37	24.46	57.70	62.7	67.0	17.5	63.5
410.00	402.91	25.72	60.43	65.7	66.9	18.0	66.9
420.00	412.43	26.90	63.27	68.8	67.0	18.1	69.4
430.00	421.94	27.95	66.17	71.8	67.1	18.4	71.0
440.00	431.40	28.93	69.26	75.1	67.3	19.6	74.6
450.00	440.79	29.79	72.57	78.4	67.7	20.5	77.3
460.00	450.17	30.54	75.97	81.9	68.1	20.4	78.4
470.00	459.53	31.13	79.43	85.3	68.6	20.4	82.0
480.00	468.90	31.61	82.89	88.7	69.1	20.6	82.6
490.00	478.30	32.01	86.29	92.0	69.6	20.1	83.5
500.00	487.67	32.34	89.75	95.4	70.2	20.9	86.3
510.00	497.00	32.52	93.35	98.9	70.8	21.4	88.3
520.00	506.29	32.59	97.06	102.4	71.4	21.9	88.5
530.00	515.54	32.60	100.84	106.0	72.1	22.3	90.6
540.00	524.76	32.47	104.72	109.6	72.8	23.4	93.8
550.00	533.92	32.15	108.72	113.4	73.5	23.7	94.1
560.00	543.08	31.85	112.72	117.1	74.2	23.6	95.2
570.00	552.23	31.41	116.73	120.9	74.9	23.8	97.2
580.00	561.35	30.93	120.80	124.7	75.6	24.6	96.9
590.00	570.43	30.28	124.93	128.6	76.4	25.1	100.1
598.82	578.40	29.70	128.67	132.1	77.0	26.3	94.2



COMPENSATED DENSITY
GAMMA-CALIPER-RES
3045

COMPANY: ELK VALLEY COAL CORPORATION
WELL: 3045
FIELD: FORDING RIVER OPERATIONS
COUNTY: CAMMIA
STATE: WV
OTHER SERVICES: RES

LOCATION: N/A
SECTION: N/A
TOWNSHIP: N/A
RANGE: N/A
LICENSE NO.: N/A
LAND ACQUISITION DATE: N/A
ELEVATION OF SURFACE: N/A
ELEVATION OF WELL HEAD: N/A

LOG MEASURED FROM OIL SURFACE: 103527
DEPTH DRIFFER: 48.00
LOG TOP: 9.49
LOG BOTTOM: 48.98

LOGGING DILLER: N/A
LOGGING COMPANY: N/A
LOGGING TYPE: STEEL
LOGGING FLUID: WATER
LOGGING TEMPERATURE: N/A
LOGGING PRESSURE: N/A
LOGGING WEIGHT: 1.0
LOGGING SPEED: 355 DRILLING
LOGGING BY: A SEVANSKY
LOGGING DATE: N/A
LOGGING TIME: N/A
LOGGING LOCATION: N/A
LOGGING DEPTH: N/A
LOGGING OTHER: N/A
LOGGING REMARKS: N/A

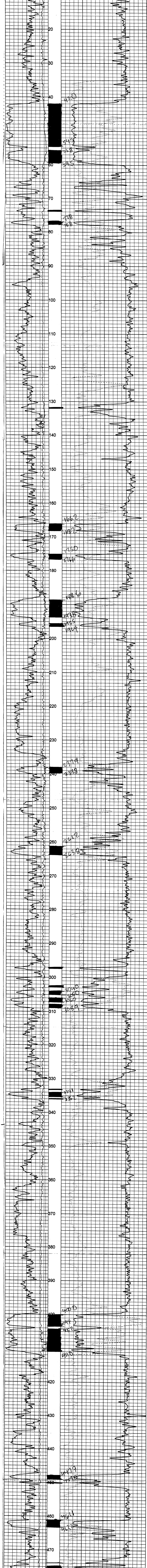
DENSITY OPEN HOLE 1:200 3045 10/13/07

LOG PARAMETERS

MATRIX DENSITY: 2.65
MAGNETIC DECL: 17.00
PRESENTATION NAME/DATE: 0239-PRINT-RES.0 10/13/2007

NEUTRON MATRIX: SANDSTONE
ELECT. CUTOFF: 00000
VERSION: 3.64EK

MATRIX DELTA T: 177
BIT SIZE: 13.00



COMPANY: **ESSEX OILFIELD CORPORATION**
WELL: **3045**
FIELD: **ESSEX**
CONTRACT: **ESSEX**
OPERATION: **ESSEX**

PROVINCE: **NC**
LOCATION: **CANAWA**
SECTION: **N/A**
TOWNSHIP: **N/A**
RANGE: **N/A**
UNCLASIFIED ID: **N/A**

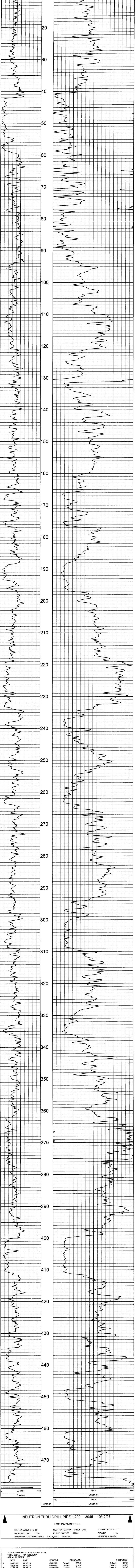
PERMITS: **ESSEX**
LOG MEASURED FROM: **ELMONTON**
DATE: **10/12/07**
DIPHTH OMEGA: **480.00**
BIT SIZE: **13**

LOG TOP: **0.31**
LOG BOTTOM: **478.7**
Casing Depth: **N/A**
Casing ID: **375**
Casing Weight: **27**
Casing Type: **STEEL**
Casing Material: **API**
Casing Grade: **N/A**
Casing Thickness: **N/A**
Casing ID: **110**
Casing Weight: **110**
Casing Type: **API**
Casing Material: **STEEL**
Casing Grade: **N/A**
Casing Thickness: **N/A**
Casing ID: **110**
Casing Weight: **110**
Casing Type: **API**
Casing Material: **STEEL**
Casing Grade: **N/A**
Casing Thickness: **N/A**

NEUTRON THRU DRILL PIPE 1:200 3045 10/12/07

LOG PARAMETERS

MATRIX DENSITY: 2.85 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE = 9067A_530_0 10/04/2007 VERSION = 3.64EK



NEUTRON THRU DRILL PIPE 1:200 3045 10/12/07

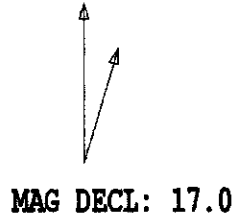
LOG PARAMETERS

MATRIX DENSITY: 2.85 NEUTRON MATRIX: SANDSTONE MATRIX DELTA T: 177
MAGNETIC DECL: 17.00 ELECT. CUTOFF: 99999 BIT SIZE: 13
PRESENTATION NAME/DATE = 9067A_530_0 10/04/2007 VERSION = 3.64EK

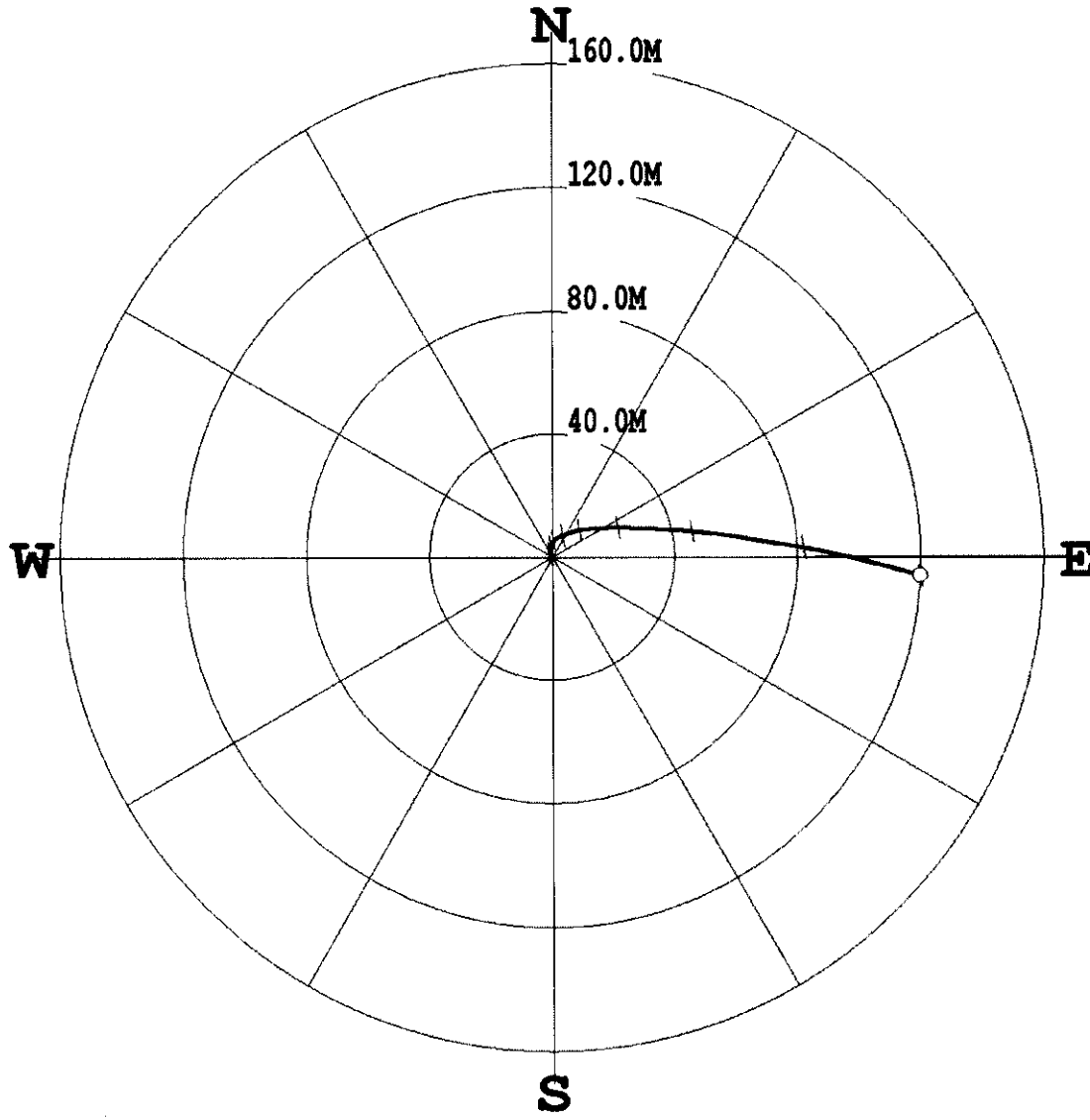
DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Jun28.06 11:00:19	GAMMA	Default [CPS]	Default [CPS]
2	Jun28.06 11:00:19	NEUTRON	Default [CPS]	Default [CPS]
2	Jun28.06 11:00:19	NEUTRON	Default [CPS]	Default [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 3045
 DATE OF LOG: 10/13/07
 PROBE: 9057A 4430



SCALE: 20 M/CM
 TRUE DEPTH: 445.43 M
 AZIMUTH: 92.8
 DISTANCE: 119.8 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL COR HOLE ID. : 3045
 FIELD OFFICE : PENHOLD DATE OF LOG : 10/13/07
 DATA FROM : N/A PROBE : 9057A , 4430
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 3045_10-13-07_12-37_9057A_.02_10.00_479.99_DEVI.log

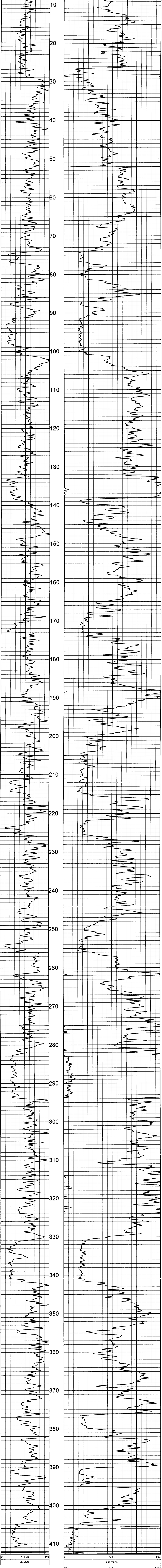
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.02	10.02	0.00	-0.00	0.0	303.1	0.5	303.1
20.00	20.00	0.12	-0.14	0.2	308.8	1.9	313.3
30.00	29.99	0.46	-0.45	0.6	315.3	2.6	320.3
40.00	39.97	0.88	-0.73	1.1	320.1	2.4	328.1
50.00	49.97	1.25	-0.91	1.5	324.0	2.1	341.5
60.00	59.96	1.62	-0.96	1.9	329.3	2.3	1.9
70.00	69.95	2.04	-0.94	2.2	335.2	2.4	10.1
80.00	79.94	2.43	-0.82	2.6	341.3	2.4	23.9
90.00	89.93	2.83	-0.65	2.9	347.0	2.5	22.1
100.00	99.92	3.22	-0.50	3.3	351.1	2.4	21.2
110.00	109.91	3.61	-0.35	3.6	354.4	2.1	18.4
120.00	119.91	3.99	-0.22	4.0	356.8	2.2	16.8
130.00	129.90	4.35	-0.07	4.4	359.1	2.4	24.6
140.00	139.89	4.70	0.09	4.7	1.1	2.3	26.2
150.00	149.88	5.10	0.29	5.1	3.3	3.1	23.2
160.00	159.87	5.54	0.59	5.6	6.1	3.6	50.5
170.00	169.84	5.98	1.12	6.1	10.7	4.2	55.5
180.00	179.82	6.32	1.73	6.6	15.3	4.4	60.6
190.00	189.79	6.68	2.44	7.1	20.1	4.8	65.1
200.00	199.75	7.03	3.24	7.7	24.8	5.2	69.0
210.00	209.70	7.36	4.12	8.4	29.3	5.6	71.7
220.00	219.65	7.68	5.10	9.2	33.6	6.1	70.8
230.00	229.59	8.05	6.15	10.1	37.4	6.6	70.3
240.00	239.52	8.44	7.27	11.1	40.7	7.6	74.5
250.00	249.42	8.75	8.66	12.3	44.7	8.8	79.8
260.00	259.27	8.99	10.36	13.7	49.0	10.8	82.8
270.00	269.06	9.17	12.36	15.4	53.4	12.5	86.6
280.00	278.78	9.30	14.72	17.4	57.7	14.7	87.0
290.00	288.40	9.43	17.43	19.8	61.6	17.0	86.5
300.00	297.90	9.50	20.57	22.7	65.2	19.2	91.1
310.00	307.28	9.49	24.03	25.8	68.4	21.5	91.4
320.00	316.52	9.38	27.84	29.4	71.4	23.4	92.2
330.00	325.61	9.24	32.02	33.3	73.9	26.1	93.2
340.00	334.51	8.99	36.55	37.6	76.2	27.9	93.4
350.00	343.25	8.66	41.40	42.3	78.2	30.1	94.2
360.00	351.82	8.25	46.53	47.3	79.9	32.5	95.1
370.00	360.20	7.69	51.96	52.5	81.6	33.6	96.8
380.00	368.52	6.97	57.46	57.9	83.1	34.3	97.6
390.00	376.63	6.04	63.24	63.5	84.5	37.3	100.2
400.00	384.50	5.04	69.32	69.5	85.8	38.6	98.9
410.00	392.29	4.10	75.52	75.6	86.9	39.8	96.1
420.00	400.05	3.07	81.74	81.8	87.8	39.0	100.2
430.00	407.76	1.90	88.01	88.0	88.8	40.4	101.8
440.00	415.34	0.54	94.38	94.4	89.7	40.6	102.7
450.00	422.90	-0.97	100.75	100.8	90.6	41.0	103.6
460.00	430.47	-2.56	107.09	107.1	91.4	40.9	105.5
470.00	438.03	-4.25	113.41	113.5	92.1	41.0	104.7
479.82	445.43	-5.90	119.65	119.8	92.8	41.3	103.9

COMPANY	ELK VALLEY COAL CORPORATION	OTHER SERVICES:	
WELL	3046	9239	9239
FIELD	FORMING RIVER OPERATIONS	9239	9239
COUNTRY	CANADA		
LOCATION	SEC		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENCE NO.	N/A		
LOGS ACQUIRED FROM OIL			
LOGS ACQUIRED FROM GAS			
DATE	10/15/07		
DEPTH DRIILLER	413.00		
BIT SIZE	13		
LOG TOP	0.47		
LOG BOTTOM	412.87		
CASINO LOGGER	N/A		
CASINO DRILLER	17		
ROBHOOLE FLUID	STEEL		
ROBHOOLE TEMPERATURE	N/A		
WIND RES.	1.0		
WIND HEIGHT	SOS DRILLING		
RECORDED BY	A. SPRINRY		
REMARKS 1			
REMARKS 2			

NEUTRON THRU DRILL PIPE 1:200 3046 10/15/07

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9067A.O 07/12/2007 VERSION = 3.64EK



NEUTRON THRU DRILL PIPE 1:200 3046 10/15/07

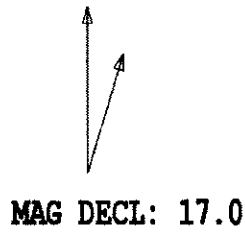
LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
 MAGNETIC DECL : 17.00 ELECT. CUTOFF : 99999 BIT SIZE : 13
 PRESENTATION NAME/DATE = 9067A.O 07/12/2007 VERSION = 3.64EK

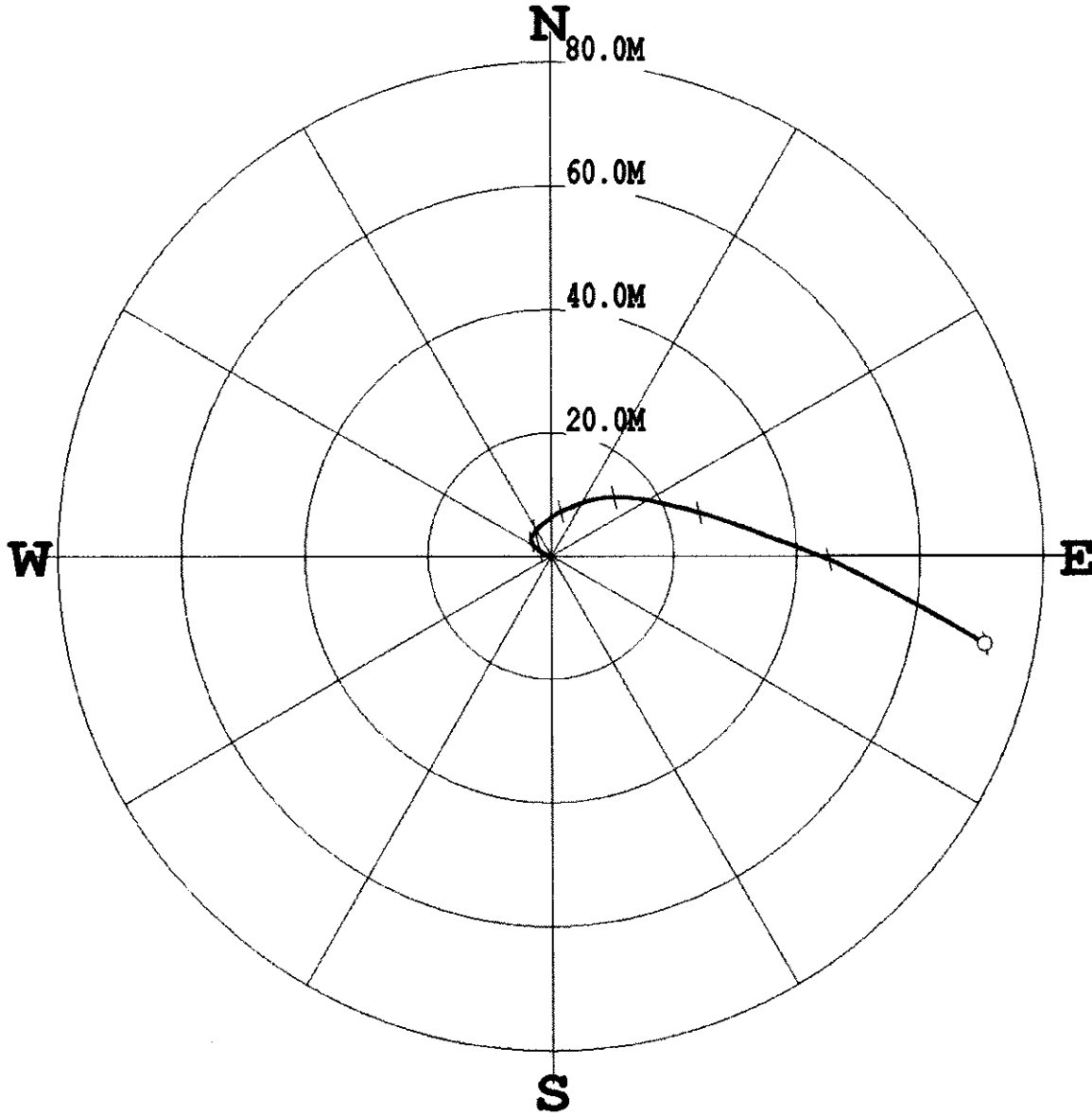
TOOL CALIBRATION 3046 10/15/07 21:59			
TOOL 9067A	TM VERSION 1		
SERIAL NUMBER 550			
DATE	TIME	SENSOR	STANDARD
Jun28,06	11:00:19	GAMMA	Default
Jun28,06	11:00:19	GAMMA	Default
			[CPS]
			[CPS]
			RESPONSE
			Default
			[CPS]
			[CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 3046
 DATE OF LOG: 10/16/07
 PROBE: 9057A 4430



SCALE: 10 M/CM
 TRUE DEPTH: 396.51 M
 AZIMUTH: 101.4
 DISTANCE: 71.8 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL COR HOLE ID. : 3046
 FIELD OFFICE : PENHOLD DATE OF LOG : 10/16/07
 DATA FROM : N/A PROBE : 9057A , 4430
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 3046_10-16-07_16-33_9057A_.02_5.00_412.96_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
5.00	5.00	0.00	-0.00	0.0	274.9	1.5	274.9
15.00	14.99	0.07	-0.35	0.4	281.4	2.6	282.7
25.00	24.98	0.21	-0.80	0.8	284.6	2.8	293.5
35.00	34.97	0.37	-1.22	1.3	287.0	2.6	296.3
45.00	44.96	0.63	-1.63	1.7	291.2	3.2	304.4
55.00	54.95	0.94	-2.05	2.3	294.6	2.5	308.2
65.00	64.93	1.28	-2.43	2.7	297.8	2.6	313.1
75.00	74.93	1.56	-2.71	3.1	299.9	2.1	314.1
85.00	84.92	1.81	-2.95	3.5	301.5	2.0	320.1
95.00	94.91	2.06	-3.12	3.7	303.5	1.5	331.6
105.00	104.91	2.33	-3.20	4.0	306.1	2.0	350.3
115.00	114.91	2.65	-3.27	4.2	309.1	1.6	347.1
125.00	124.90	2.95	-3.26	4.4	312.1	1.9	10.5
135.00	134.89	3.35	-3.04	4.5	317.7	3.0	35.1
145.00	144.88	3.79	-2.73	4.7	324.2	3.1	36.4
155.00	154.85	4.31	-2.33	4.9	331.5	4.4	35.5
165.00	164.82	4.86	-1.79	5.2	339.8	5.1	48.5
175.00	174.78	5.45	-1.06	5.6	348.9	5.6	51.1
185.00	184.72	6.11	-0.17	6.1	358.4	7.2	55.0
195.00	194.63	6.86	0.91	6.9	7.5	7.7	59.7
205.00	204.53	7.46	2.19	7.8	16.4	8.7	68.6
215.00	214.40	8.06	3.67	8.9	24.5	9.7	68.0
225.00	224.25	8.68	5.29	10.2	31.4	10.3	71.3
235.00	234.09	9.16	7.02	11.5	37.5	10.6	79.1
245.00	243.90	9.42	8.92	13.0	43.4	12.1	84.9
255.00	253.66	9.47	11.08	14.6	49.5	13.2	90.0
265.00	263.37	9.34	13.47	16.4	55.3	14.4	96.1
275.00	273.02	8.95	16.05	18.4	60.9	15.7	101.3
285.00	282.63	8.35	18.78	20.6	66.0	16.5	103.2
295.00	292.21	7.69	21.56	22.9	70.4	17.0	103.4
305.00	301.71	6.88	24.57	25.5	74.3	19.0	104.9
315.00	311.09	5.84	27.86	28.5	78.2	21.4	107.9
325.00	320.33	4.59	31.48	31.8	81.7	23.9	109.2
335.00	329.43	3.09	35.35	35.5	85.0	25.0	110.7
345.00	338.43	1.61	39.45	39.5	87.7	26.5	111.0
355.00	347.31	-0.05	43.73	43.7	90.1	27.9	112.0
365.00	356.11	-1.99	48.07	48.1	92.4	29.4	115.4
375.00	364.75	-4.28	52.55	52.7	94.7	31.3	117.4
385.00	373.30	-6.69	57.14	57.5	96.7	31.3	117.1
395.00	381.76	-9.26	61.82	62.5	98.5	32.7	118.7
405.00	390.08	-12.00	66.63	67.7	100.2	34.3	119.5
412.78	396.51	-14.23	70.40	71.8	101.4	34.3	120.4

COMPANY: EAST WILLEY COAL CORPORATION
WELL: 3047
FIELD: FORDING RIVER OPERATIONS
COUNTY: CANNON
STATE: MS
LOCATION: N/A
TOWNSHIP: N/A
RANGE: N/A
SECTION: N/A
WARRANTY: N/A
APPROVED BY: N/A
LOG PREPARED BY: N/A
DATE: 10/05/07
ELEVATION OF WELLS HEAD: N/A
ELEVATION OF WELLS MOUTH: N/A

LOG TOP: 507.24
LOG BOTTOM: 507.24
CANNON OOI: 20
CANNON BOTTM: 20
CANNON TYPE: STEEL
BORING FLUID: WATER
TEMPERATURE: N/A
MUD RES: N/A
MUD WEIGHT: 11.0
WIRELINE BY: ESS DRILLING
RECORDED BY: BLAYLOCK
REMARKS 1:
REMARKS 2:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

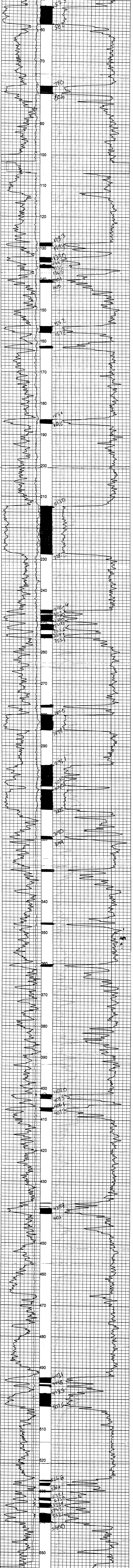
1:200 COMPENSATED DENSITY 3047 10/05/07

LOG PARAMETERS

MATRIX DENSITY : 2.65
MAGNETIC DECL. : 17.00
PRESENTATION NAME/DATE : 9239-PRINT-RES 0 09/23/2007

NEUTRON MATRIX : SANDSTONE
ELECT. CUTOFF : 99999
BIT SIZE :

MATRIX DELTA : 177
VERSION : 13.00
BIT SIZE : 3.64EX



1:200 COMPENSATED DENSITY 3047 10/05/07

LOG PARAMETERS

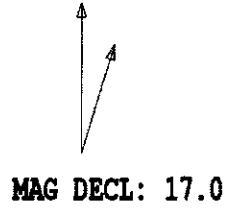
MATRIX DENSITY : 2.65
MAGNETIC DECL. : 17.00
PRESENTATION NAME/DATE : 9239-PRINT-RES 0 09/23/2007

NEUTRON MATRIX : SANDSTONE
ELECT. CUTOFF : 99999
BIT SIZE :

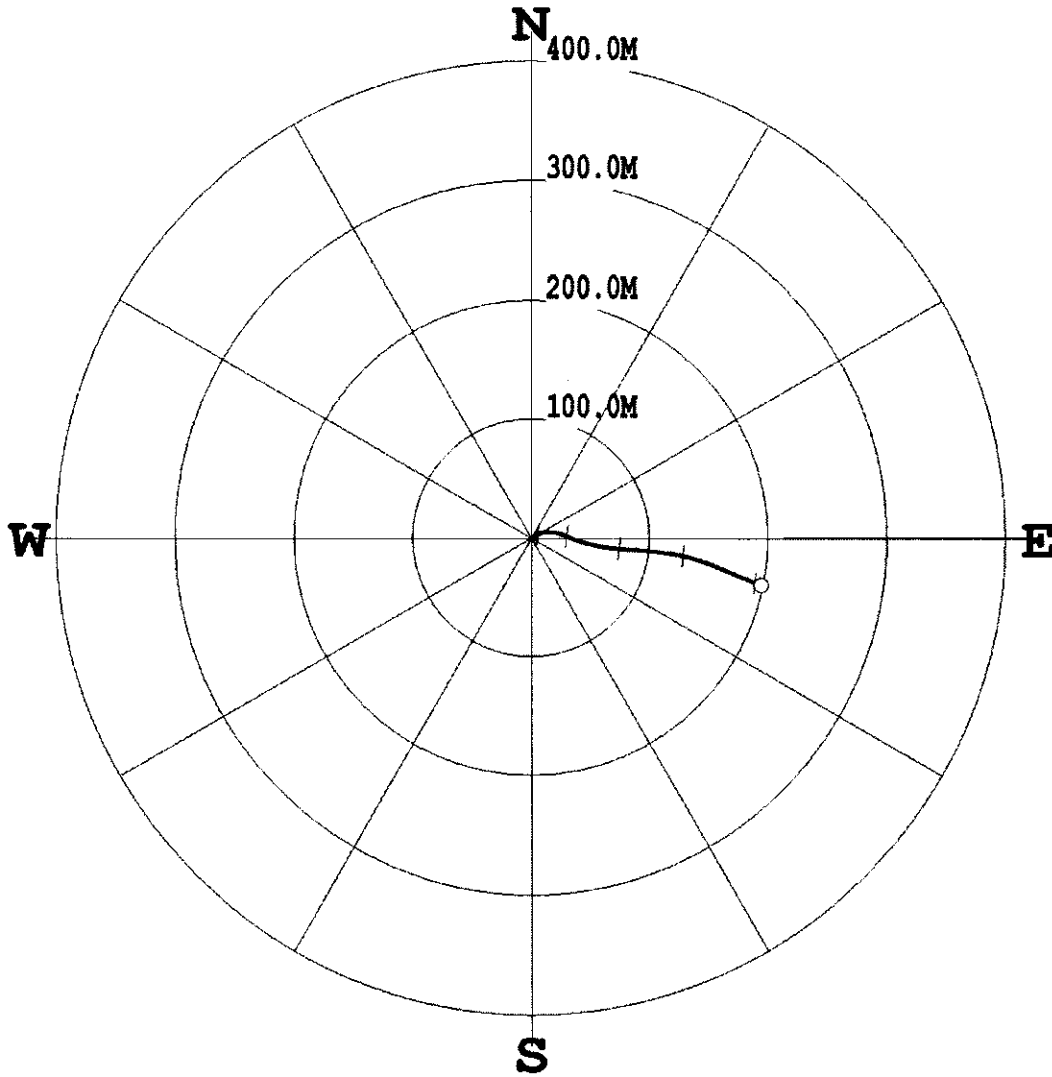
MATRIX DELTA : 177
VERSION : 13.00
BIT SIZE : 3.64EX

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: ELK VALLEY COAL CORPORATION
 LOCATION: FORDING RIVER OPERATIONS
 HOLE ID: 3047
 DATE OF LOG: 10/05/07
 PROBE: 9057A 4430



SCALE: 50 M/CM
 TRUE DEPTH: 508.51 M
 AZIMUTH: 101.6
 DISTANCE: 198.0 M
 + = 100 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : ELK VALLEY COAL COR HOLE ID. : 3047
 FIELD OFFICE : PENHOLD DATE OF LOG : 10/05/07
 DATA FROM : N/A PROBE : 9057A , 4430
 MAG. DECL. : 17.000 DEPTH UNITS : METERS
 LOG: 3047_10-05-07_21-19_9057A_.02_24.49_557.30_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
30.00	29.99	-0.03	-0.04	0.1	237.5	1.8	323.7
40.00	39.98	0.19	0.23	0.3	51.2	2.8	52.2
50.00	49.97	0.52	0.68	0.9	52.7	4.2	52.9
60.00	59.93	0.98	1.33	1.6	53.6	5.4	55.8
70.00	69.89	1.55	2.08	2.6	53.2	5.7	51.3
80.00	79.83	2.15	2.95	3.6	53.9	6.6	61.9
90.00	89.75	2.74	4.05	4.9	55.9	7.8	65.1
100.00	99.66	3.32	5.32	6.3	58.0	8.3	66.4
110.00	109.54	3.90	6.74	7.8	59.9	9.0	68.0
120.00	119.40	4.42	8.29	9.4	61.9	9.8	73.2
130.00	129.23	4.87	10.07	11.2	64.2	11.3	78.3
140.00	139.01	5.17	12.16	13.2	67.0	12.7	84.3
150.00	148.75	5.18	14.41	15.3	70.2	13.4	92.0
160.00	158.45	5.03	16.84	17.6	73.4	15.1	94.9
170.00	168.07	4.79	19.55	20.1	76.2	16.6	97.9
180.00	177.62	4.26	22.45	22.9	79.2	17.5	104.6
190.00	187.14	3.33	25.34	25.6	82.5	14.9	116.1
200.00	196.57	2.07	28.44	28.5	85.8	20.7	113.0
210.00	205.87	0.61	31.81	31.8	88.9	22.5	114.1
220.00	215.14	-0.81	35.27	35.3	91.3	21.4	110.0
230.00	224.40	-1.95	38.85	38.9	92.9	22.7	106.1
240.00	233.55	-3.18	42.70	42.8	94.3	24.6	108.0
250.00	242.63	-4.43	46.70	46.9	95.4	24.6	105.5
260.00	251.70	-5.44	50.78	51.1	96.1	25.0	103.1
270.00	260.74	-6.37	54.96	55.3	96.6	25.5	102.8
280.00	269.72	-7.23	59.26	59.7	97.0	26.3	101.9
290.00	278.72	-7.94	63.55	64.0	97.1	26.1	97.8
300.00	287.68	-8.56	67.96	68.5	97.2	26.4	96.2
310.00	296.66	-9.00	72.32	72.9	97.1	25.7	95.0
320.00	305.68	-9.35	76.63	77.2	97.0	25.2	95.0
330.00	314.69	-9.65	80.97	81.5	96.8	26.0	94.1
340.00	323.63	-9.88	85.42	86.0	96.6	26.9	94.5
350.00	332.52	-10.23	90.00	90.6	96.5	27.9	93.9
360.00	341.34	-10.63	94.69	95.3	96.4	28.4	94.4
370.00	350.12	-11.05	99.45	100.1	96.3	28.8	95.5
380.00	358.86	-11.53	104.30	104.9	96.3	29.0	96.0
390.00	367.56	-12.05	109.20	109.9	96.3	29.5	96.8
400.00	376.24	-12.66	114.13	114.8	96.3	30.3	98.1
410.00	384.92	-13.37	119.04	119.8	96.4	29.6	98.6
420.00	393.59	-14.19	123.96	124.8	96.5	30.6	100.1
430.00	402.18	-15.33	128.95	129.9	96.8	31.6	105.4
440.00	410.72	-16.67	133.97	135.0	97.1	30.6	105.2
450.00	419.30	-18.06	138.92	140.1	97.4	30.8	108.1
460.00	427.84	-19.71	143.85	145.2	97.8	31.6	108.8
470.00	436.35	-21.43	148.81	150.3	98.2	32.0	109.9
480.00	444.77	-23.37	153.84	155.6	98.6	33.4	111.9
490.00	453.11	-25.45	158.94	161.0	99.1	33.6	113.4
500.00	461.48	-27.56	163.99	166.3	99.5	32.8	113.0
510.00	469.88	-29.68	168.99	171.6	100.0	33.3	112.7
520.00	478.15	-31.89	174.15	177.0	100.4	35.0	113.3
530.00	486.31	-34.04	179.50	182.7	100.7	35.4	109.3
540.00	494.53	-36.18	184.77	188.3	101.1	34.6	112.6
550.00	502.72	-38.37	190.08	193.9	101.4	35.5	112.5
557.12	508.51	-39.88	193.93	198.0	101.6	36.0	111.0