

Company : Santos Ltd.
Well : West Mereenie 20
Field : Mereenie

Date : 01-Feb-2014
Time : 07:31



A Schlumberger Company

GAMMA-RAY
1 : 500

METERS MD

COMPANY : Santos Ltd.
WELL : West Mereenie 20
FIELD : Mereenie
COUNTY :
STATE : NT
COUNTRY : AUSTRALIA
API No. :

COMPANY : Santos Ltd.
WELL : West Mereenie 20
FIELD : Mereenie
COUNTY :
STATE : NT
COUNTRY : AUSTRALIA
API WELL No.:

WELL LOCATION

LAT:23°57'50"S LON:131°28'15"E
X: 751425.60m Y: 7347553.50m

SEC: TWP: RANGE:

OTHER SERVICES

DIRECTIONAL
ROP

DEPTH REF. : ROTARY TABLE

ELEVATION : 5.15 m (ROTARY TABLE - GROUND LEVEL)

ALTITUDE : 786.80 m (GROUND LEVEL - MEAN SEA LEVEL)

BOREHOLE RECORD

DEVIATION RECORD

HOLE SIZE in	FROM m	TO m	INCLINATION deg	FROM m	TO m
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12 1/4	0	562	00-02	0	1527
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8 3/4	562	1396			
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8 1/2	1396	1527			
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CASING SIZE in	FROM m	TO m			
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9 5/8	0	547			
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DRILLING Co.: ENSIGN
RIG : ENSIGN 918

LWD UNIT No.: 001 DISTRICT : MEREEINIE

SPUD DATE : 18-JAN-14

LWD START DATE : 22-JAN-14 DEPTH : 562 m

LWD END DATE : 01-FEB-14 DEPTH : 1527 m

TOTAL DEPTH : 1527 m

RUN DATA

RUN NUMBER

START DATE

START TIME

END DATE

END TIME

DEPTH IN m

DEPTH OUT m

LOG TOP m

LOG BOTTOM m

HOLE SIZE in

MUD DATA @ m

MUD TYPE

DENSITY lb/gal

VISCOSITY s/qt

pH

FLUID LOSS cm3/30

SALINITY ppm

Rm ohmm @ deg C

Rmf ohmm @ deg C

2

25-JAN-14

23:45

28-JAN-14

07:30

1422

1482

1195

1467

8 1/2

1465

WATER BASED

8.80

32

10.0

14.6

@

@

3

29-JAN-14

23:45

01-FEB-14

07:00

1464

1527

1449

1513

8 1/2

1500

WATER BASED

8.80

32

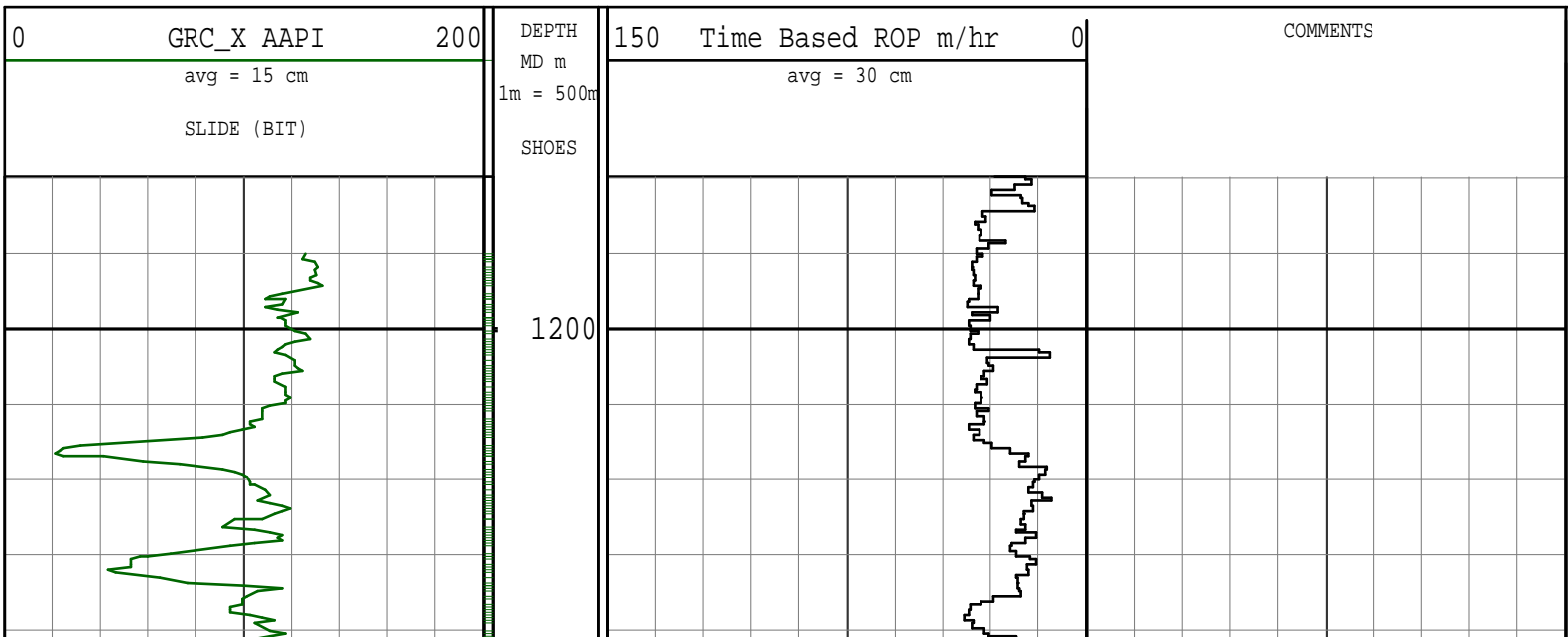
9.5

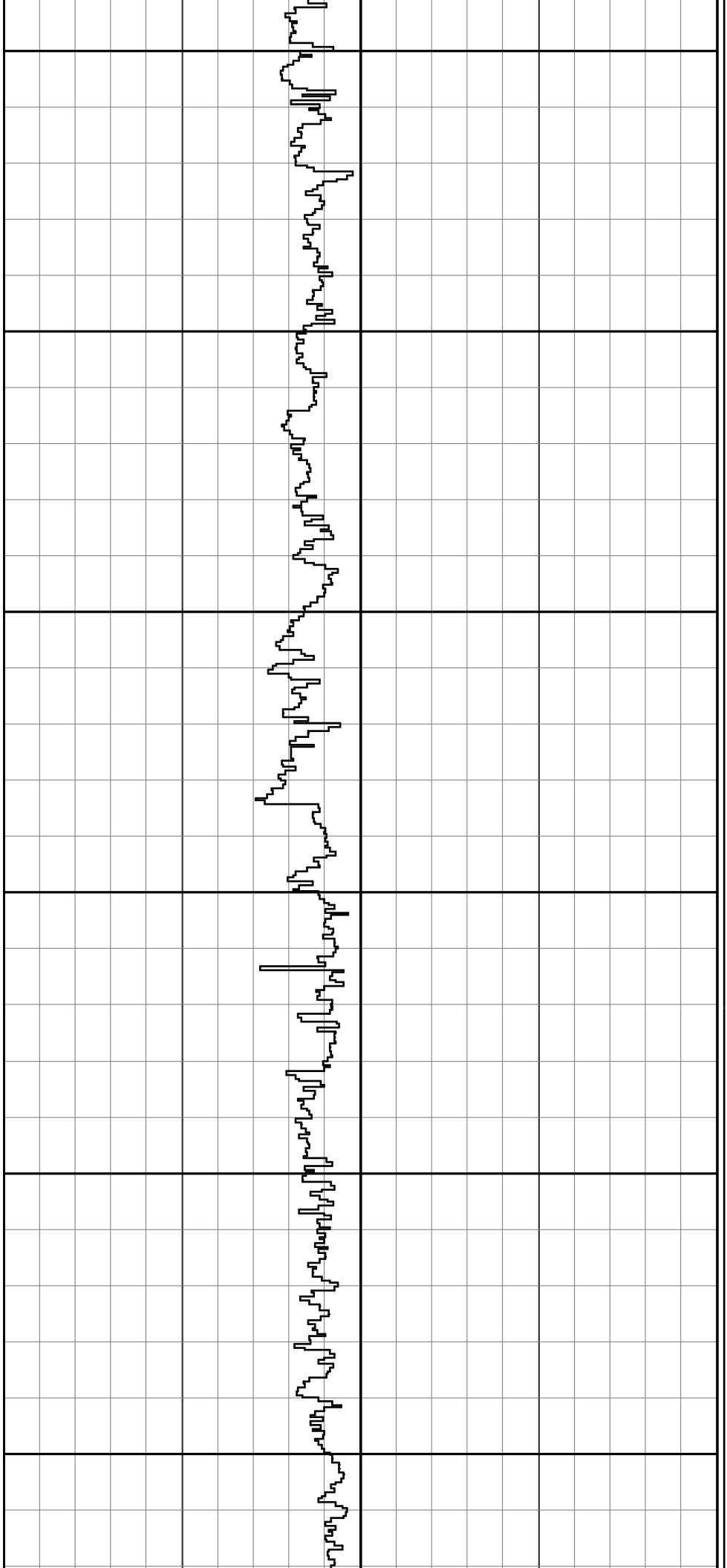
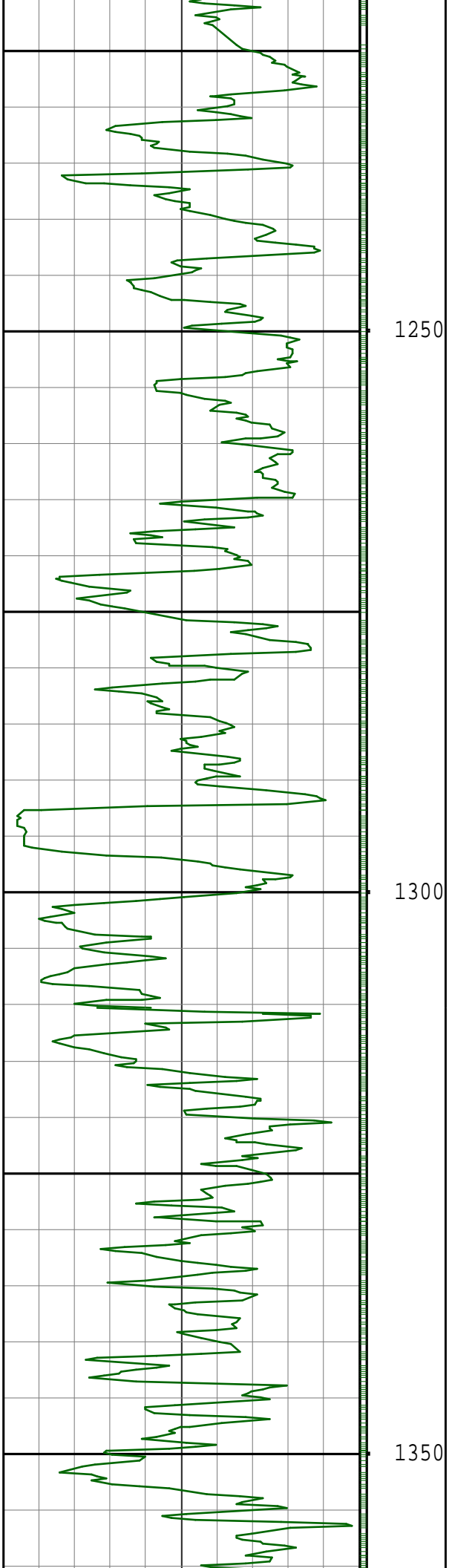
10.6

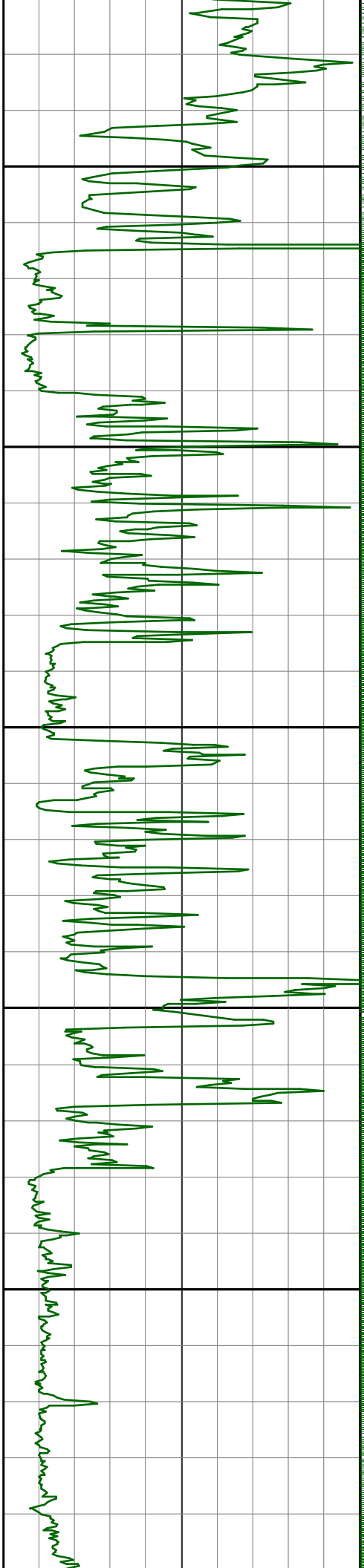
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REMARKS
*** FIELD PRINT ONLY ***
SANTOS LTD.
PATHFINDER - A SCHLUMBERGER COMPANY: JOB NO. 13AUS0138
ALL DATA IS REALTIME UNLESS STATED OTHERWISE.
ALL REFERENCES TO LOG TOP, LOG BOTTOM OR LOGGING TOOL DEPTH REFER TO GAMMA-RAY SENSOR UNLESS STATED OTHERWISE. SENSOR OFFSETS FOR THE LOGGING TOOLS ARE SHOWN IN THE BHA REPORT ON THE LOG TRAILER.
ALL ANNOTATIONS IN THE DEPTH TRACK ARE REFERENCED TO BIT DEPTH.
RUN #2: 6 3/4" XEM / GAMMA-RAY LOGGING RUN.
RUN #3: 6 3/4" XEM / GAMMA-RAY LOGGING RUN.
REMARK #1: GAMMA-RAY HAS NOT BEEN ENVIRONMENTALLY CORRECTED FOR BOREHOLE.
REMARK #2: GAMMA-RAY LOGGED WHILE REAMING FROM 1195m-1380m MD (1195m-1380m TVD).
REMARK #3: GAMMA-RAY LOGGED WHILE REAMING FROM 1486m-1495m MD (1486m-1495m TVD).
NOTICE - All interpretations are opinions based on inferences from electrical or other measurements and we do not guarantee the accuracy or correctness of any interpretations. We shall not, except in the case of gross or willful negligence on our part, be liable or responsible for loss, costs, damages or expenses incurred or sustained by anyone as a result of any interpretations made by one of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.
PATHFINDER - A Schlumberger Company
Version No : RX5 V6.05 Release 20Sep2013
Plot Time : 01-Feb-2014 07:30



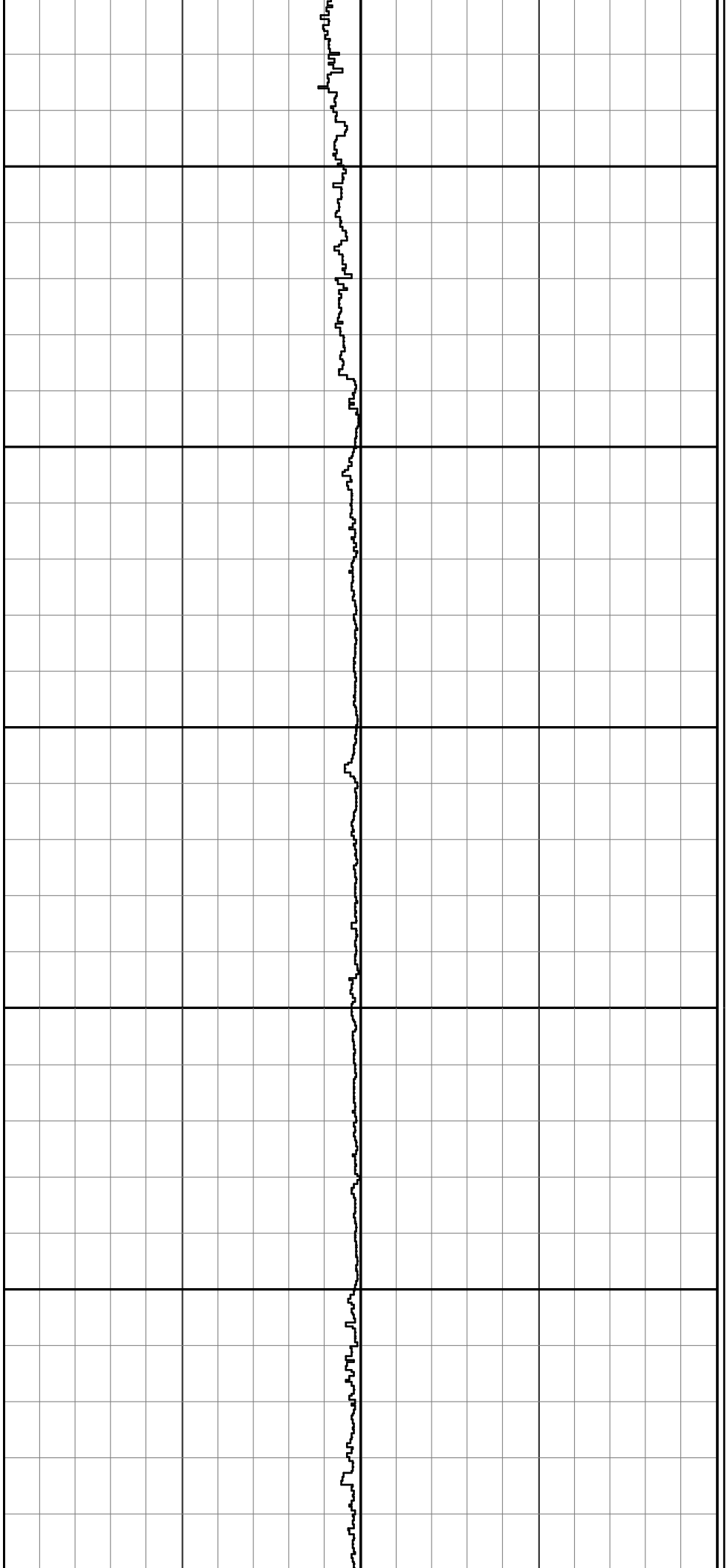




1400

1450

1500



6 3/4" FLOAT SUB	0.90	6 3/4" FLOAT SUB	0.90				
8 3/8" HI TOOL	1.20	8 3/8" HI TOOL	1.20				
6 3/4" PONY NMDC	3.48	6 3/4" PONY NMDC	3.48				
6 3/4" XEM NMDC	9.23	6 3/4" XEM NMDC	9.23				
6 1/2" GAP SUB	1.13	6 1/2" GAP SUB	1.13				
8 3/8" STAB	1.46	8 3/8" STAB	1.46				
6 1/2" NMDC	9.11	6 1/2" NMDC	9.11				
6 1/2" FILTER SB	1.02	6 1/2" FILTER SB	1.02				
6 3/8" X/O	0.85	6 3/8" X/O	0.85				
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TOTAL BHA LENGTH	36.62	TOTAL BHA LENGTH	36.62				
SENSOR OFFSETS:		SENSOR OFFSETS:					
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DIRECTIONAL	15.98	DIRECTIONAL	15.98				
GAMMA-RAY	14.59	GAMMA-RAY	14.59				

PATHFINDER
A Schlumberger Company

GAMMA-RAY
1 : 500

METERS MD