



Company : Apache

Well : Coelacanth-1

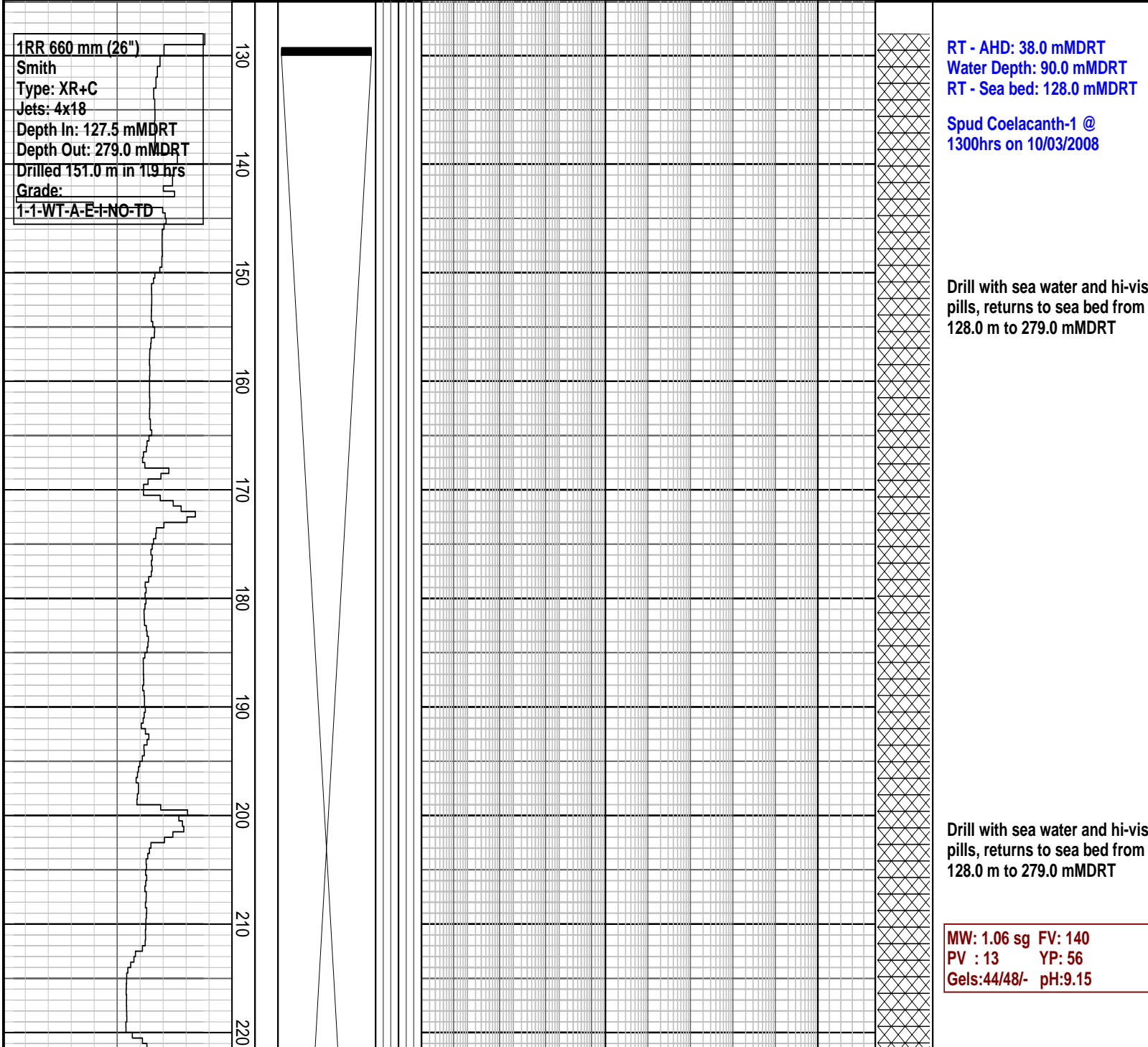
Interval : 125.00 - 911.63 meters

Created : 13/Mar/2008 9:29:25 PM

INTEQ

### FORMATION EVALUATION LOG

Drilling Rate ROP (m/hr)		TVDRT meters MD meters 1:500	Cuttings Lithology	Oil Show P F G	Visual Inferred Porosity P F G	Gas Data	Chromatograph Data	Calcmetry CaCO3 % MgCO3 %	Interpreted Lithology	Lithology Description
ROP (m/hr)						Gas Hydrocarbon Avg %	Methane ppm			
200	20	220				0.01 0.1 1 10	100000			
180	40	240					1 Ethane ppm	100000		
160	60	260					1 Propane ppm	100000		
140	80	280					1 iso-Butane ppm	100000		
120	100	300					1 n-Butane ppm	100000		
100	120	320					1 iso-Pentane ppm	100000		
80	140	340					1 n-Pentane ppm	100000		
60	160	360								
40	180	380								
20	200	400								

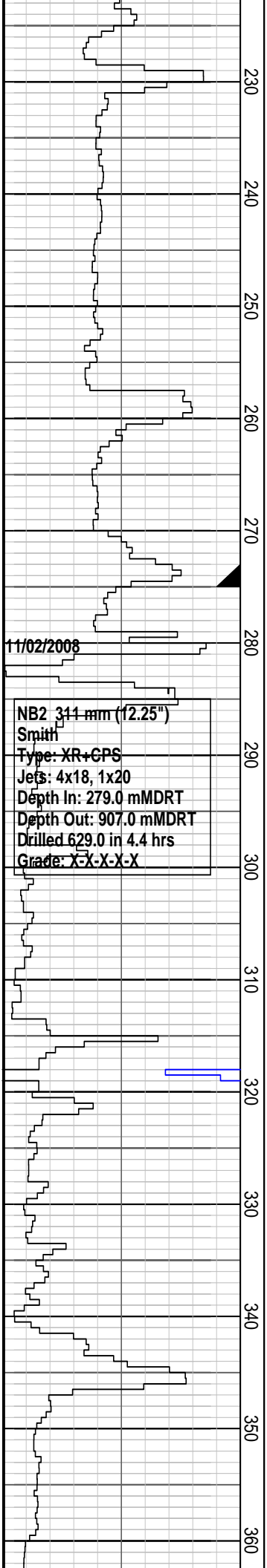


RT - AHD: 38.0 mMDRT  
 Water Depth: 90.0 mMDRT  
 RT - Sea bed: 128.0 mMDRT  
 Spud Coelacanth-1 @  
 1300hrs on 10/03/2008

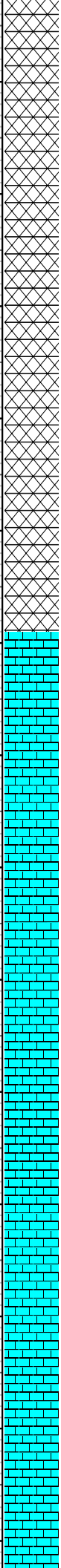
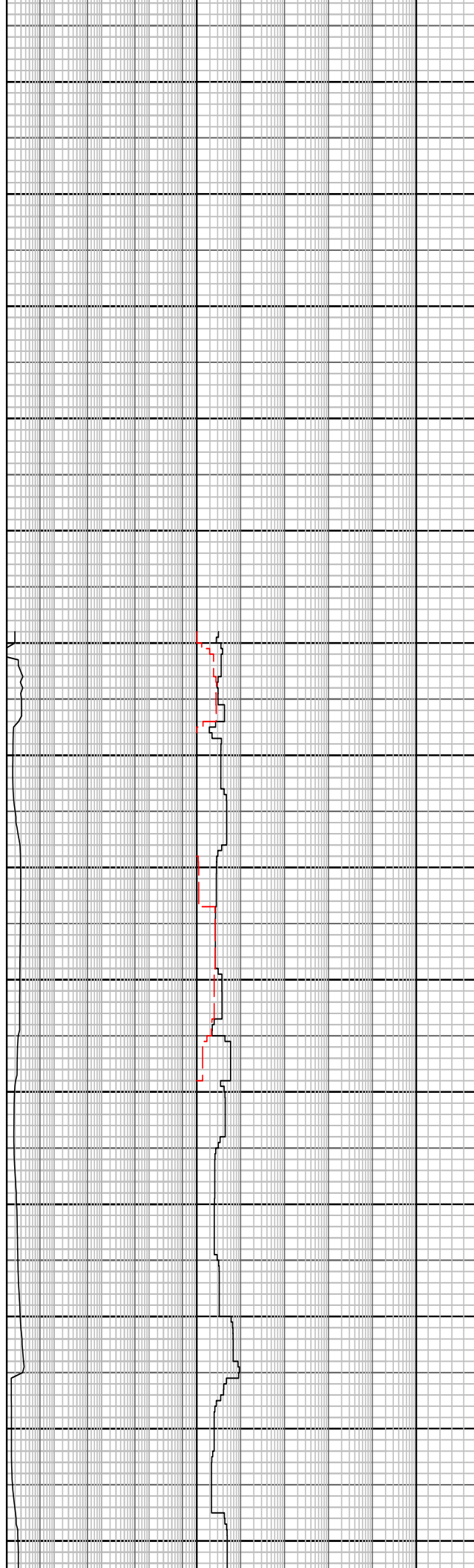
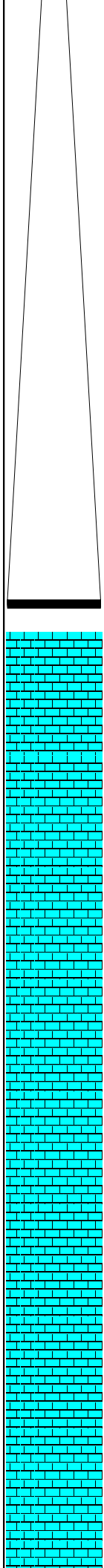
Drill with sea water and hi-vis pills, returns to sea bed from 128.0 m to 279.0 mMDRT

Drill with sea water and hi-vis pills, returns to sea bed from 128.0 m to 279.0 mMDRT

MW: 1.06 sg FV: 140  
 PV : 13 YP: 56  
 Gels:44/48/- pH:9.15



NB2 311 mm (12.25")  
 Smith  
 Type: XR+GPS  
 Jets: 4x18, 1x20  
 Depth In: 279.0 mMDRT  
 Depth Out: 907.0 mMDRT  
 Drilled 629.0 in 4.4 hrs  
 Grade: X-X-X-X-X

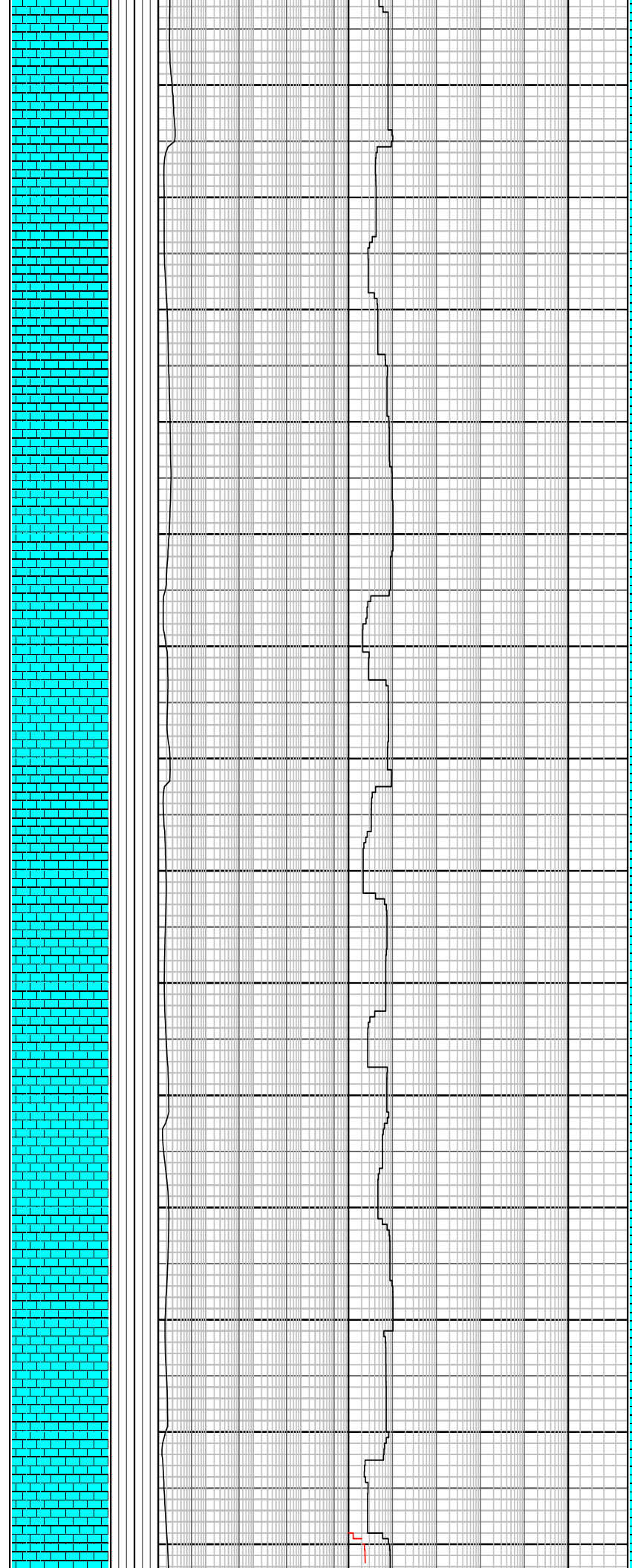
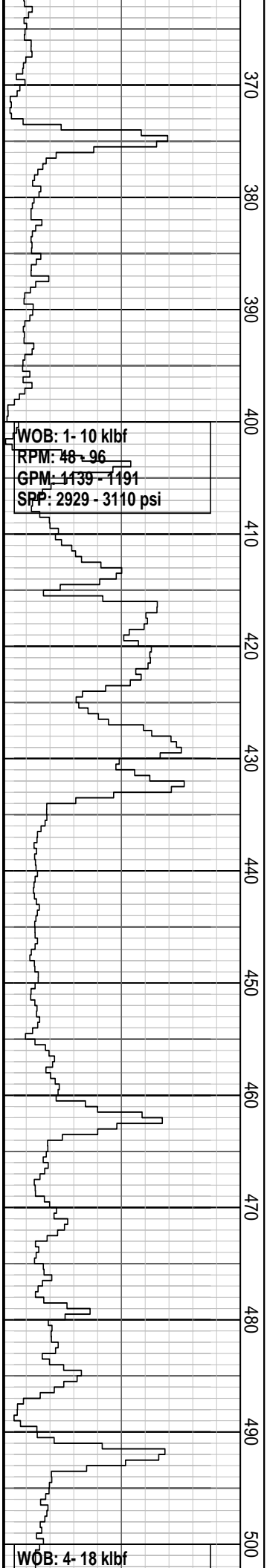


660 mm (26") Section TD @ 279.0 mMDRT on 10/03/2008

**CALCARENITE:** lt-m gry, lt-m bl gry, lt olv gy, tr carb spks, com foss frag, tr v f qtz grs, mod hd- hd, sbbiky-blky

**CALCISILITE:** wh- lt gry, com lt- m gry, com foss, mod hd- hd, sbbiky- blky

**CALCILUTITE:** v lt gry- lt gy, lt bl gry, off wh, mnr lt- m gy, lt brn gy, com foss, tr- rr f qtz grs, frm- mod hd, sbbiky-blky



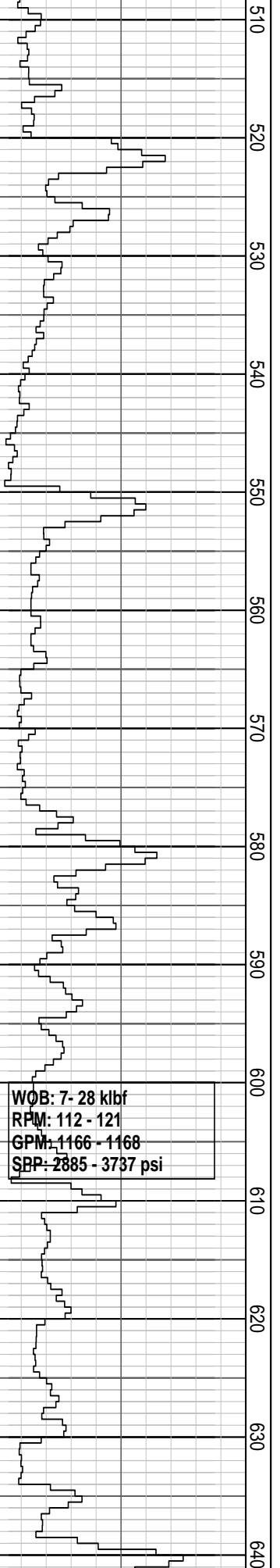
**CALCARENITE:** lt- m gry, lt olv gry, mnr m gry, com foss frags, mod hd-hd, sbbiky-blky.

**CALCILUTITE:** v lt gy- lt gy, lt bl gy, off wh, mnr lt- m gy, lt brn gy, com foss, tr- rr f qtz grs, frm- mod hd, sbbiky-blky.

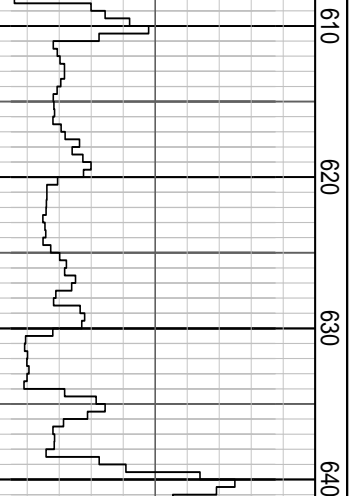
**CALCARENITE:** lt- m gry, lt olv gry, mnr m gry, com foss frags, mod hd-hd, sbbiky-blky.

**CALCARENITE:** lt- m gry, lt

RPM: 96 - 120  
GPM: 1163 - 1191  
SPP: 3041 - 3599 psi



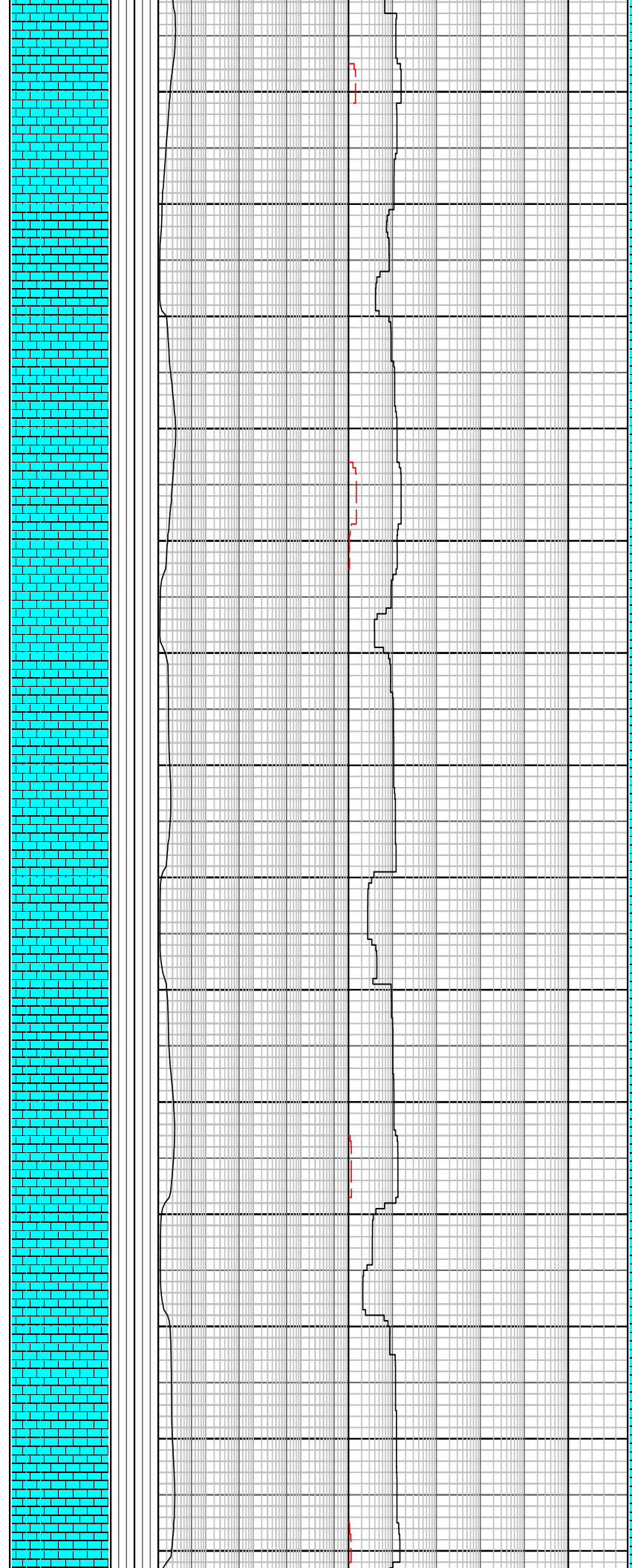
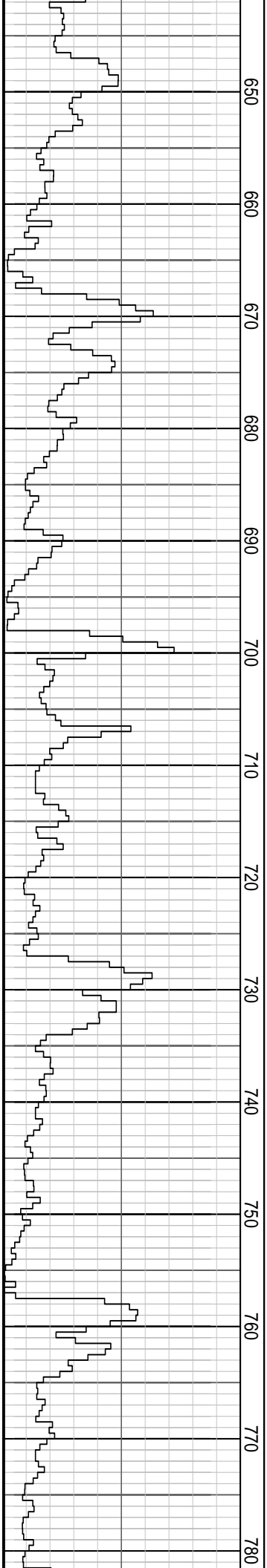
WOB: 7- 28 klf  
RPM: 112 - 121  
GPM: 1166 - 1168  
SPP: 2885 - 3737 psi



olv gry, mnr m gry, com foss frags, mod hd-hd, sbblky-blky.

CALCARENITE: lt- m gry, lt olv gry, mnr m gry, com foss frags, mod hd-hd, sbblky-blky.

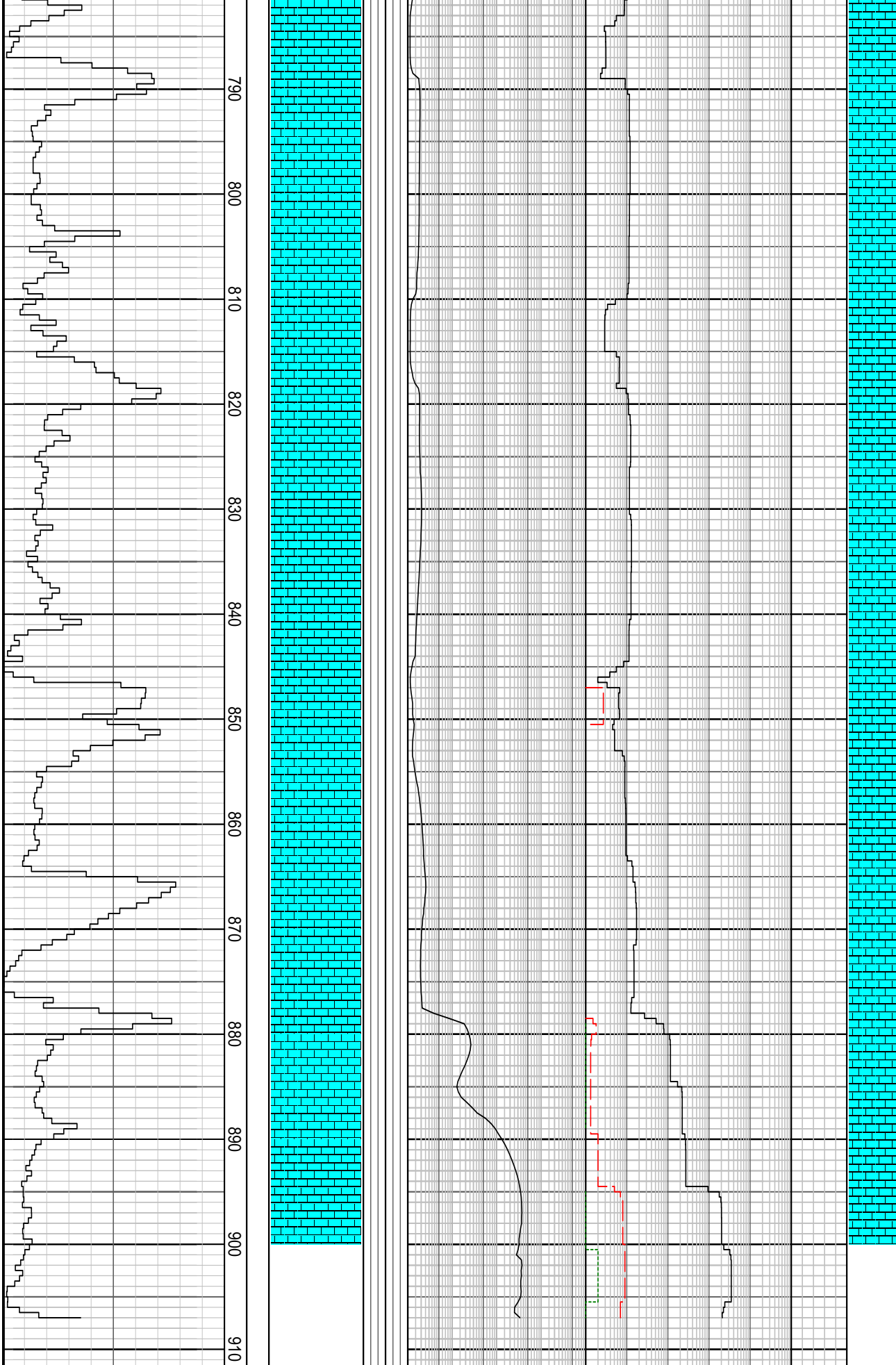
CALCARENITE: lt-m gy, lt-m olv, lt brn gy, tr com foss frags, com fn-m qtz grs, mod hd, sbblky-blky.



**CALCARENITE:** lt-m gy, lt-m olv, lt brn gy, tr com foss frags, com fn-m qtz grs, mod hd, sbblky-blky.

**CALCARENITE :** lt-m gy, lt bl gy , mnr m dk gy, com v fn-fn qtz grs, com foss frags, mod hd-hd, sbblky-blky.

**CALCARENITE :** lt-m gy, pred m gy, lt bl gy , mnr m dk gy, com v fn-fn qtz grs, com foss frags, mod hd-hd, sbblky-blky.



CALCARENITE : lt-m gy, pred m gy, lt bl gy , mnr m dk gy, com v fn-fn qtz grs, com foss frags, mod hd-hd, sbbiky-blky.

CALCARENITE : lt-m gy, pred m gy, lt bl gy , mnr m dk gy, com v fn-fn qtz grs, com foss frags, mod hd-hd, sbbiky-blky.

CALCARENITE : lt-m gy, pred m gy, lt bl gy , mnr m dk gy, com v fn-fn qtz grs, com foss frags, mod hd-hd, sbbiky-blky.

### FORMATION EVALUATION LOG

Drilling Rate ROP (m/hr)	MD/m	TVDR	Cutthin	Visu	Oil She	Gas Data Gas Hydrocarbon Avg %	Chromatograph Data Methane ppm	1	100000	Calcime	Interp	Lithology Description
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ated Lithology

dry  
CaCO3 %  
MgCO3 %

1	Ethane ppm	100000
1	Propane ppm	100000
1	iso-Butane ppm	100000
1	n-Butane ppm	100000
1	iso-Pentane ppm	100000
1	n-Pentane ppm	100000

al Inferred Porosity  
P F G

gs Lithology

T meters

aters 1:500

20	220
40	240
60	260
80	280
100	300
120	320
140	340
160	360
180	380
200	400

ROP (m/hr)