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RATE OF PENETRATION										LITHOLOGY INTERPRETED LITHOLOGY	MD meters 1:500	LITHOLOGY	CORE	OIL SHOWS	TOTAL GAS	CHROMATOGRAPH	REMARKS					
ROP (0-100m/hr)															1	Methane ppm	10000					
100	90	80	70	60	50	40	30	20	10						1	Ethane ppm	10000					
Backup ROP (100-200m/hr)																1	Propane ppm	10000				
200	190	180	170	160	150	140	130	120	110	1	iso-Butane ppm	10000										
WOB (klb)																1	n-Butane ppm	10000				
5	10	15	20	25	30	35	40	45	50	1	iso-Pentane ppm	10000										
TORQUE AVG																1	n-Pentane ppm	10000				
5	10	15	20	25	30	35	40	45	50	10	100	1000	10000									
<div>28/02/2007</div> <div>WOB: 5-10klbs RPM: 87-120 Flow: 260-307gpm SPP: 964-1435psi</div>																						MWIN:8.90ppg Mud temp:44.7deg PV/YP:13/20FV:54Gels:4/4 Solids:3.1% pH:10.8
																						Claystone: med brn gy-lt-dk gy, oft v slty, tr disprsd vf qtz & altrd felds grn, com blk coal det & carb flks, tr med brn crypxtn dol, tr py, tr micmic, fm s subfiss.
																						Claystone: dk gy-med brn gy, occ v slty, mod carb i/p, tr blk carb flks, tr med brn crypxtn dol, tr py, tr micmic, fm sl subfiss.
																						Claystone: dk gy, sl slty, mod carb , tr blk carb flks, tr med brn crypxtn dol, tr Inoceramus, com micmic, mod hd, sl subfiss.
																						Claystone: dk gy-rr med brn gy, rr v slty, mod carb i/p, tr blk carb flks, tr med brn crypxtn dol,tr Inoceramus, tr py, tr micmic, mod hd, sl subfiss.
																						Claystone: dk gy, sl slty, mod carb, tr blk carb flks, tr dk gn glau, tr med brn crypxtn dol, tr Inoceramus, rr diss py com micmic, mod hd, sl subfiss.
																						MWIN:9.00ppg Mud temp:45.9deg PV/YP:13/22FV:53Gels:4/4 Solids:4.1% pH:10.2
<div>WOB: 8-11klbs RPM: 89-120 Flow: 248-308gpm</div>																						Claystone: dk gy, sl slty, mod carb, tr blk carb flks, tr dk gn glau, tr med brn crypxtn dol, tr Inoceramus, rr diss py

SPP: 959-1605psi

WOB: 6-11klbs
RPM: 80-120
Flow: 300-315gpm
SPP: 1210-1690psi

01/03/2007
WOB: 3-8klbs
RPM: 89-121
Flow: 292-308gpm
SPP: 1226-1713psi

02/03/2007
03/03/2007
04/03/2007
Bit#3RR3: MCP662 6.75" Core
PDC
TFA 0.8
Depth in 1900m, out: 1904m
4m/8.4hrs
Grading: 1-1-IN-A-X-I-NO-PR
Bit#4: 6-3/4" DSX173DGJWPDC
Jets: 4 x 12, In: 1904m, Out:
2033m
Drilled: 129m in 6.9hrs
Bit Grade: 1-1-NO-A-X-I-NO-CP

1810
1820
1830
1840
1850
1860
1870
1880
1890
1900
1910
1920
1930
1940

0.1380% @ 1904m

0.1426% @ 1916m

com micmic, mod hd, sl subfiss.

Survey @ 1808m = 2.00 deg incl

Claystone: dk gy, sl slty, mod carb, tr
blk carb flks, tr dk gn glau, rr med brn
crypxtn dol, tr rr Inoceramus, rr diss
py, com micmic, mod hd, sl subfiss.

Claystone: dk gy, sl slty, mod carb, tr
blk carb flks, tr dk grn glau, rr med
brn crypxtn dol, tr Inoceramus, rr
diss py, com micmic, mod hd, sl
subfiss.

Claystone: dk gy, sl slty, mod carb, tr
blk carb flks, com-abnt dk grn glau, rr
med brn crypxtn dol, com micmic,
mod hd, sl subfiss.

Claystone: dk gy, sl slty, mod carb, tr
blk carb flks, tr dk grn glau, rr med
brn crypxtn dol, com micmic, mod
hd, sl subfiss.

MWIN: 9.15ppg Mud temp: 47.1deg
PV/YP: 15/26FV: 55Gels: 5/5
Solids: 5.1% pH: 10.0

Survey @ 1896m = 2.00 deg incl

Claystone: dk gy, sl slty, mod carb, tr
blk carb flks, tr dk grn glau, rr med
brn crypxtn dol, tr Inoceramus, com
micmic, mod hd, sl subfiss.

Core#4 Cut 1900m-1904.2m
Recovery 2.65m=63%

MWIN: 9.25ppg Mud temp: 40.6deg
PV/YP: 13/12FV: 46Gels: 1/3
Solids: 5.1% pH: 9.5

Claystone: dk gy-occ gy, sl slty, carb
i/p, tr blk carb flks, tr dk grn glau, rr
med brn crypxtn dol, com micmic,
mod hd, sl subfiss.

Claystone: dk gy-occ gy, slty i/p, mod
carb, sl calc i/p, tr blk carb flks, tr dk
grn glau, rr py, com micmic, tr
slickensides, mod hd-occ fm, sl
subfiss.

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