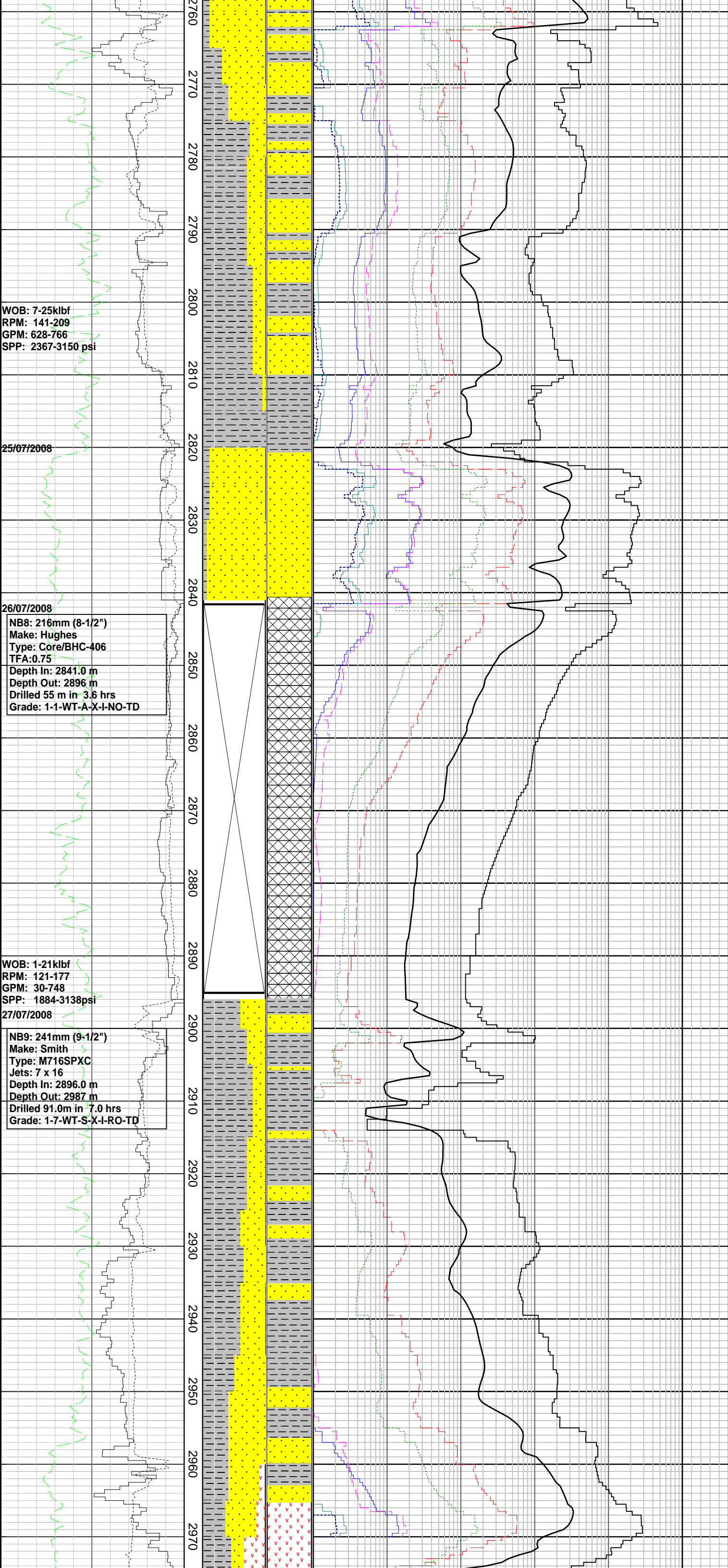


FORMATION EVALUATION LOG									
			Cuttings	Chromatograph Data				Analysis	LITHOLOGY DESCRIPTIONS
			INTERPRETED LITHOLOGY	Methane ppm				DIRECT FLUOR	
				Ethane ppm					
				Propane ppm					
				iso-Butane ppm					
				n-Butane ppm					
				iso-Pentane ppm					
				n-Pentane ppm					
				Ditch Gas %					
MD meters 1:500									
<div>24/07/2008</div> <div>NB7: 241mm (9-1/2") Make: Smith Type: PDC/JY 2803 Jets: 7x16 Depth In: 2600.0 m Depth Out: 2841.0 m Drilled 241 m in 9.4hrs Grade: 2-4-BT-A-X-I-RO-CP</div> <div>WOB: 10-32 kibf RPM: 120-178 GPM: 600-722 SPP: 2726-3046 psi</div>									
2600									Drilled Longtom-4 P from 2600m - 2987m FIT @ 2604 m with 11.95ppg EMW: 14.0 ppg @ 818 psi
2610									MW: 12.2 ppg FV: 125 PV: 44 YP: 34 Gels: 13/18/21 O/W:52.0/24.0
2620									MD: 2621.50 m Azi: 182.84° TVD: 2364.0 m Incl: 53.72°
2630									SST: pred lse qtz gr, trnsl-trnsp, off wh, v lt gy-lt gy i/p, fri, vf-f, occ m gr, sb ang-rndd, prly-mod srt, occ wl srt, arg mtrx, calc cmt, fr vis por, no shw
2640									SLTST: v lt gy-lt gy, v sft-sft, occ frm, sbblky-blky, grdg to vf Sst
2650									MD: 2651.30 m Azi: 183.55° TVD: 2381.6 m Incl: 53.37° CLYST: m gy-m lt gy, brnsh gy, occ grnsh gy, sft-frm, sbblky-blky, slty
2660									SST: lt gy-m lt gy, fri, vf-f gr, sbrndd, wl srt, arg mtrx, calc cmt, fr vis por, no shw
2670									MD: 2681m Azi: 184.22° TVD: 2399.5m Incl: 52.5°
2680									SST: lt gy-v lt gy, occ m lt gy-m gy, lse-fri, frm i/p, f- m gr, occ crs gr, sb rndd-rndd, mod-wl srt, arg mtrx, calc cmt, occ sil cmt, occ carb stk, fr vis por, no shw
2690									MD: 2711.02m Azi: 184.51° TVD: 2418m Incl: 51.43°
2700									SST: pred lse qtz gr, trnsl-trnsp, off wh, brnsh wh, fri i/p, f-m gr, occ crs-v cse gr, sbang-sbrndd, prly-mod srt, arg matx, tr gn & blk lith, tr carb mat, fr vis por
2710									MD: 2740.27m Azi: 184.48° TVD: 2436.4m Incl: 50.60°
2720									CLYST: m gy-dk gy, occ gysh blk, frm-mod hd, sbblky-blky, occ elong, abd carb mat, occ grdg to Slstst
2730									
2740									
2750									
2									



WOB: 7-25klbf
RPM: 141-209
GPM: 628-766
SPP: 2367-3150 psi

25/07/2008

26/07/2008
NB8: 216mm (8-1/2")
Make: Hughes
Type: Core/BHC-406
TFA:0.75
Depth In: 2841.0 m
Depth Out: 2896 m
Drilled 55 m in 3.6 hrs
Grade: 1-1-WT-A-X-I-NO-TD

WOB: 1-21klbf
RPM: 121-177
GPM: 30-748
SPP: 1884-3138psi

27/07/2008

NB9: 241mm (9-1/2")
Make: Smith
Type: M716SPXC
Jets: 7 x 16
Depth In: 2896.0 m
Depth Out: 2987 m
Drilled 91.0m in 7.0 hrs
Grade: 1-7-WT-S-X-I-RO-TD

MD: 2770m Azi: 184.85°
TVD: 2455.5m Incl: 50.01°

SST: pred lse qtz gr, trnsI-trnsp, lt gy, brnsh wh, fri i/p., f-m gr, occ crs-v crs gr, sbang-sbrndd, prly-mod srt, arg mtrx, tr gn & blk lith, tr carb mat, fr vis por

MD: 2798m Azi: 183.57°
TVD: 2474.2m Incl: 47.70°

CLYST: m gy-m dk gy, frm, blk, rr sb fiss i/p, rr carb mat i/p, grd to Sltst i/p

SST: wh-v lt gy, clr-trnsI qtz gr, pred sft-fri agg, f gr, sbang-sbrnd, sphr, v wl srt, v lt gy arg mtrx, pr vis por, no shw

Coring @ 2841.0m-2896.0m
Recovery: 99.4%

MW: 12 ppg FV: 86
PV: 43 YP: 35
Gels: 14/18/21
O/W:85.9/135.4

MD: 2857.04m Azi:
183.13°
TVD: 2514.2m Incl:
46.14°

MD: 2886.94m Azi:
182.91°
TVD: 2534.8m Incl:
46.56°

MW: 12.1 ppg FV: 128
PV: 45 YP: 20
Gels: 12/15/18
O/W:69.2/30.8

CLYST: m lt gy-m gy, mod frm-frm, occ hd, sbblk, com carb mat, slty

MD: 2916.37m Azi:
183.31°
TVD: 2555.1m Incl:
46.19°

SST: off wh, m gy, fri, sft-frm, mod hd, vf-f gr, sbang-sbrndd, prly-mod srt, arg mtrx, f carb spks, fr vis por, no shw

MD: 2946.06m Azi:
184.18°
TVD: 2575.9m Incl:
45.04°

SST: lt gy, m lt gy, m gy i.p., trnsI-trnsp, fri, frm-mod hd, f-m gr, sbrndd-rndd, prly-mod srt, arg mtrx, occ mott w/ carb mat, fr vis por, no shw

MD: 2970.49m Azi:
184.59°
TVD: 2593.1m Incl: 45.14°

Vol C: wthd Bas, gvsh blk, dk grnst

<div> <div>WOB: 6-28klbf</div> <div>RPM: 110-162</div> <div>GPM: 652-725</div> <div>SPP: 2297-3128psi</div> </div>	<div>2980</div> <div>2990</div>			<div> <div>Wireline Logging:</div> <div>Run #1 XPT-DS1</div> <div>Run #2 CST-GR</div> </div>	<div> <div>WOB: 6-28klbf</div> <div>RPM: 110-162</div> <div>GPM: 652-725</div> <div>SPP: 2297-3128psi</div> </div>
<div> <div>Gamma Ray</div> <div>40 80 120 160 200</div> <div>ROP</div> <div>200 160 120 80 40</div> <div>m/hr</div> <div>WEIGHT ON BIT</div> <div>80 64 48 32 16</div> <div>klbf</div> <div>ROP BACKUP</div> <div>300 280 260 240 220</div> <div>m/hr</div> </div>	<div>MD meters 1:500</div>	<div>Cuttings</div>	<div> <div>FORMATION EVALUATION LOG</div> <div>Chromatograph Data</div> <div>Methane ppm</div> <div>10 100 1000 10000 100000</div> <div>Ethane ppm</div> <div>10 100 1000 10000 100000</div> <div>Propane ppm</div> <div>10 100 1000 10000 100000</div> <div>iso-Butane ppm</div> <div>10 100 1000 10000 100000</div> <div>n-Butane ppm</div> <div>10 100 1000 10000 100000</div> <div>iso-Pentane ppm</div> <div>10 100 1000 10000 100000</div> <div>n-Pentane ppm</div> <div>10 100 1000 10000 100000</div> <div>Ditch Gas %</div> <div>0.01 0.1 1 10 100</div> </div>	<div>Analysis</div>	<div>LITHOLOGY DESCRIPTIONS</div>