



Company : Petro Tech Pty. Ltd

Well : Hazelwood-1

Interval : 1688.00 - 1875.26 meters

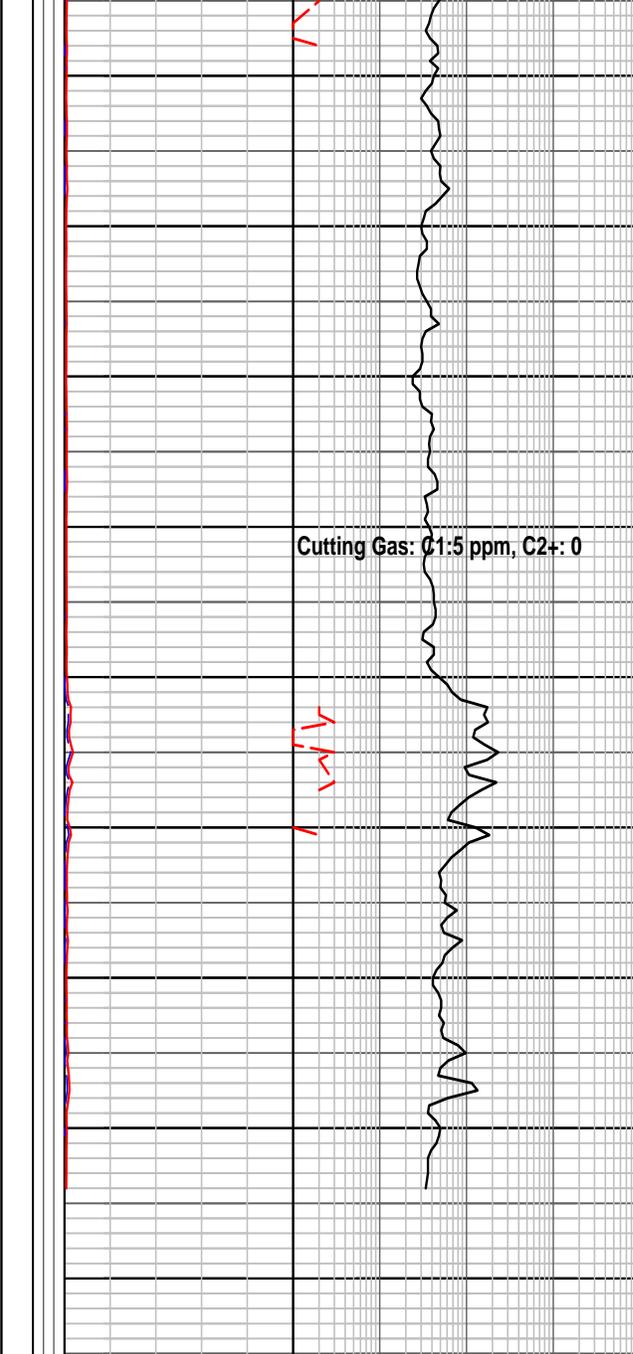
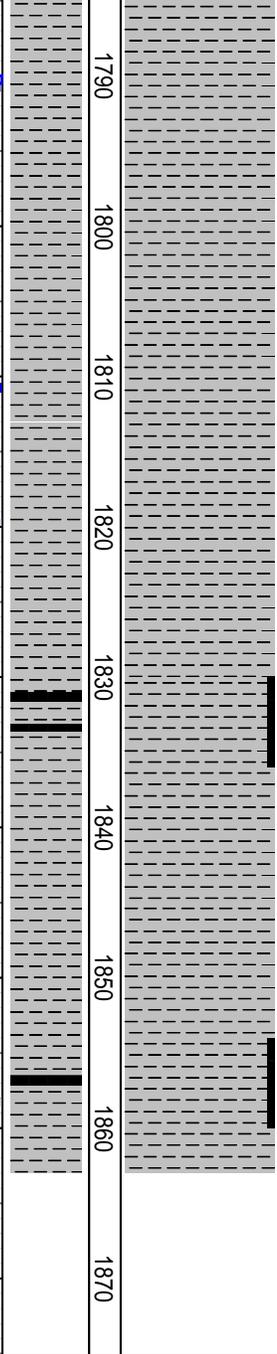
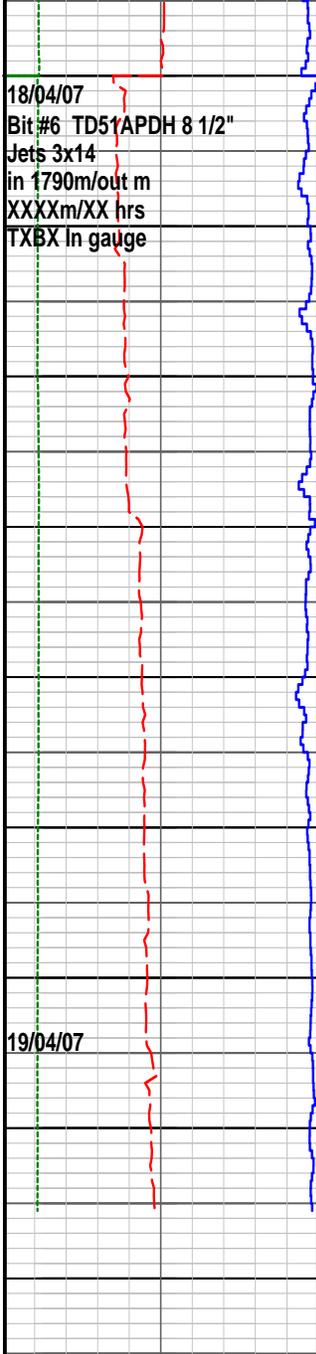
Created : 20/Apr/2007 7:05:18 AM



INTEQ

FORMATION EVALUATION LOG

RATE OF PENETRATION		MD meters 1:500	LITHOLOGY	CORE	OIL SHOWS	TOTAL GAS	CHROMATOGRAPH	REMARKS
ROP (0-100m/hr)	Backup ROP (100-200m/hr)					unit	unit	
100 90 80 70 60 50 40 30 20 10	200 190 180 170 160 150 140 130 120 110					10 20 30 40 50	Methane ppm	
5 10 15 20 25 30 35 40 45 50	5 10 15 20 25 30 35 40 45 50					10.4 20.3 30.2 40.1 50	Ethane ppm	
							Propane ppm	
							iso-Butane ppm	
							n-Butane ppm	
							iso-Pentane ppm	
							n-Pentane ppm	
							10 100 1000 10000	
WOB: 19-26 klbs RPM: 87-97 GPM: 422-441 PP: 1301-1525psi		1690						
		1700						Sandstone: med grngy-med brngy, slty-vf, sbrnd, mod srtd, v strng sil and wk calc cmts, abdt grngy sil mtx, abdt alt felds gr, tr blk carb fecks, tr calc ln fract, v hd,
		1710					Cutting Gas: C ₁ : 4.6 ppm, C ₂₊ : 0	Coal: v dkbrn-blk, mod -v argll, eathy lstr, irreg fract, hd, no fluor or cut.
		1720						Survey @1722m, 43 Deg. AZI: 110 Deg
		1730						Claystone: med-dk grn gy - dk gy - dk brn gy, non - v slty, occ vf aren w/altrd felds gr, tr vf blk carb flecks i/p, tr-com micmic, tr calc ln fract,hd, sbfiss-fiss, abdt calc qtz
		1740						
WOB: 19-25 klbs RPM: 87-96 GPM: 416-430 PP: 1315-1369psi		1750						Sandstone: med gngy-med brngy, slty-vf, sbrnd-mod srtd, strong sil and wk calc cmt, abdt sil mtx, abdt altr feld gr, tr blk carb flecks, com calc and qtz ln fract, hd,n vis por, no oil fluor.
17/04/07		1760						
		1770						Claystone: med-dk gy - med brn gy - med gn gy, sl - v slty, occ vf aren w/altrd felds gr, tr vf blk carb flecks i/p, com micmic, com calc and qtz ln fract,hd, sbfiss-fiss.
		1780						MW 9.0 Vis 33 PV/YP 3/76 Gels 1/2 Sol 4.6 Sd Tr Cl 1100



Survey @1778m, 45 Deg. AZI: 113 Deg

Claystone: med-dk gy - med brn gy - med gn gy, sl - v slty, occ vf aren w/altrd felds gr, tr vf blk carb flecks i/p, com micmic, tr calc and qtz In fract,hd, sbfiss-fiss.

Claystone:med-v dkgy-dk brn gy-med grn gy, sli-v slty, vf aren w/altrd felds gr/p, mod -v carb- gr i/p-coal, tr blk carb spks, com micmic, tr calc and qtz In fract ,hd sbfiss-fiss

Cutting Gas: C1:5 ppm, C2+: 0

Coal: blk-v dk gy, v argill i/p, blkly-slicknsld fract, sbvit-vit lstr, hd , brit, no fluor or cut.

MW 9.3 Vis 38
PV/YP 6/8 Gels 1/2
Sol 6.8 Sd Tr Cl 1100

Claystone:dk gy - blk, sl - v slty, mod -v carb, tr blk coal detr, vf aren i/p, tr micmic, tr calc and qtz In fract,hd, sbfiss-fiss.

Coal: blk-v dk gy, v argill i/p, slicknsld fract, vit lstr, hd , brit, no fluor or cut.

FORMATION EVALUATION LOG

RATE OF PENETRATION		MD meters 1:500	LITHOLOGY	OIL SHOWS	CORE	TOTAL GAS	CHROMATOGRAPH	REMARKS
ROP (0-100m/hr)	Backup ROP (100-200m/hr)							
100	100						1 Methane ppm 10000	
30	30					TOTAL GAS	1 Ethane ppm 10000	
80	80					unit	1 Propane ppm 10000	
100	100					10.4 20.3 30.2 40.1 50	1 iso-Butane ppm 10000	
150	150					BACKUP TOTAL GAS	1 n-Butane ppm 10000	
180	180					unit	1 iso-Pentane ppm 10000	
200	200						1 n-Pentane ppm 10000	
							10 100 1000 10000	