

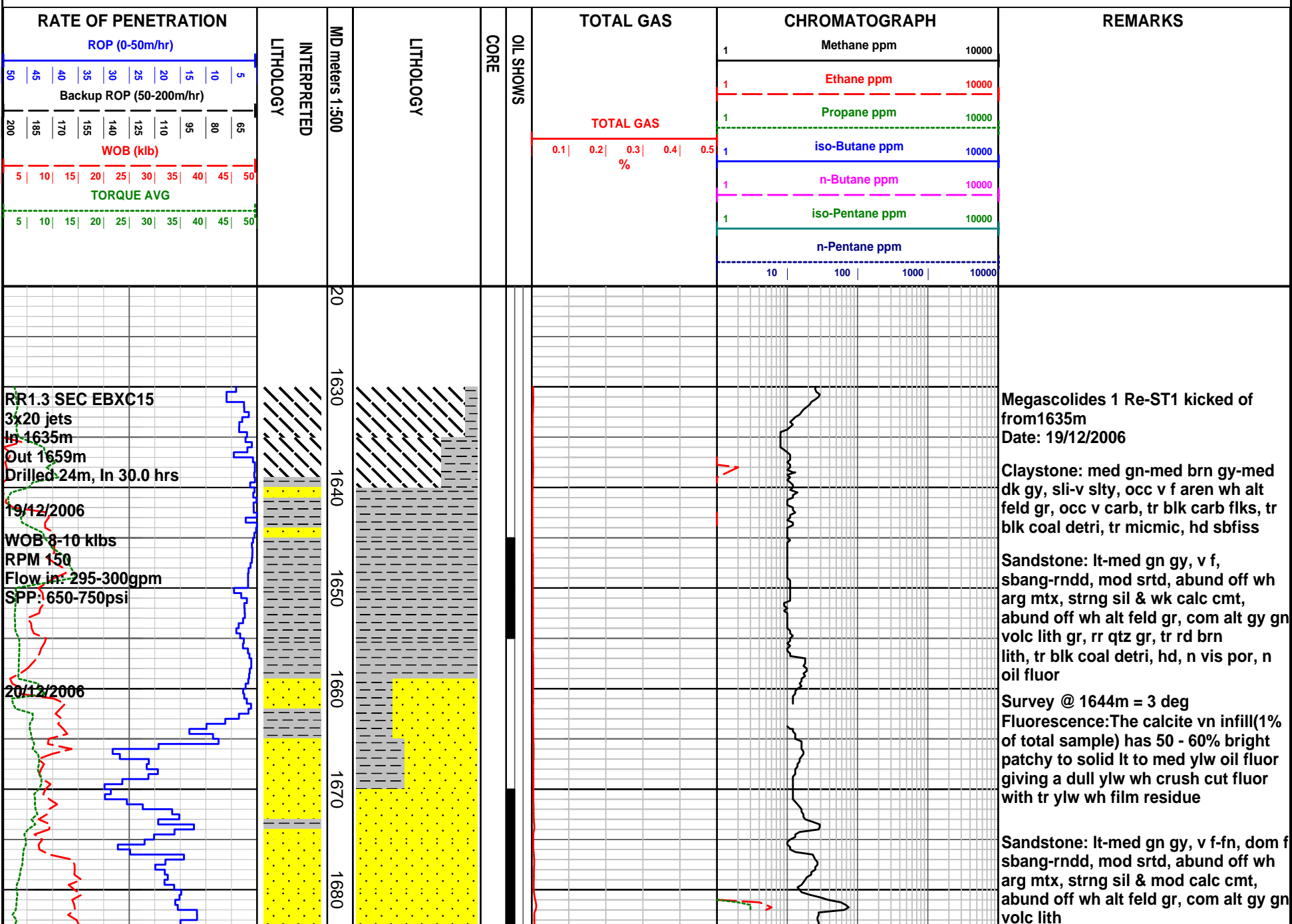


INTEQ

Company : Karoon Gas Pty Ltd  
 Well : Megascolides 1 Re-ST1  
 Interval : 1620.00 - 1903.65 meters  
 Created : 23/Dec/2006 3:51:17 AM



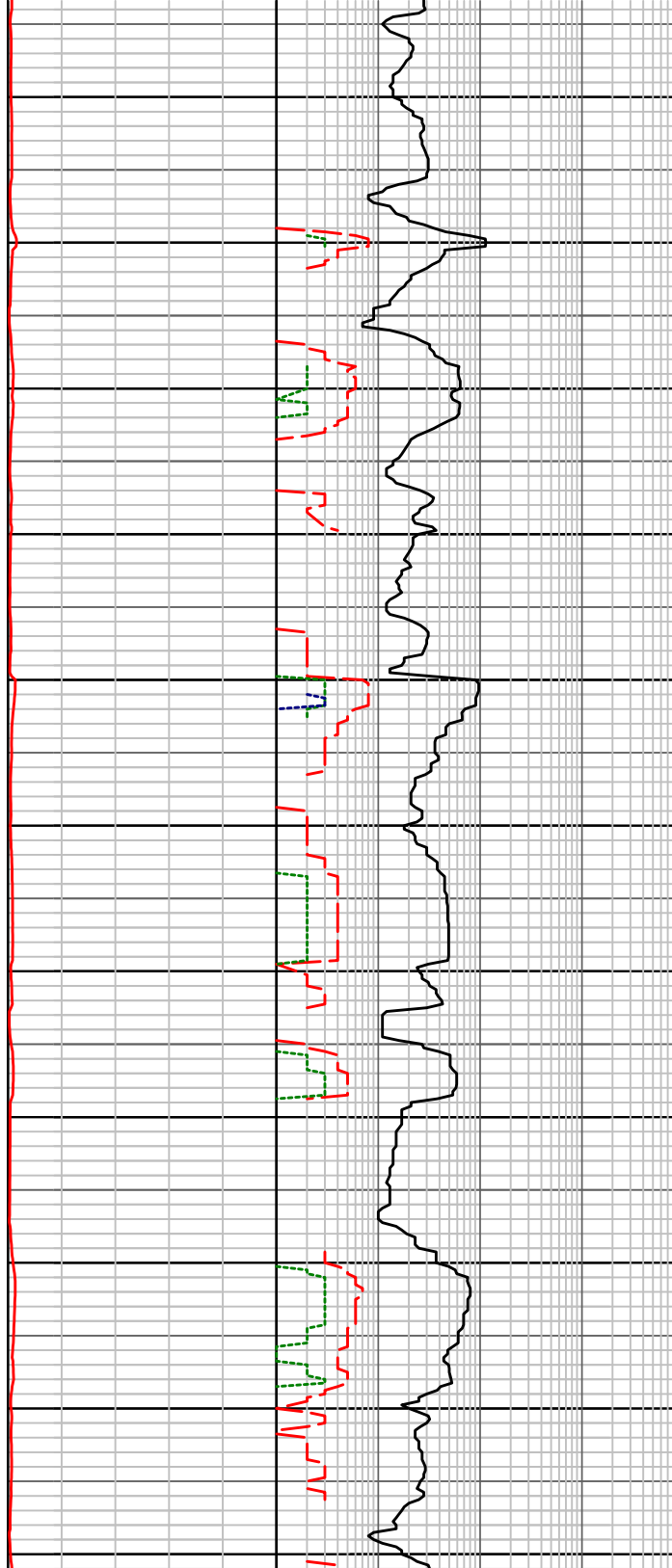
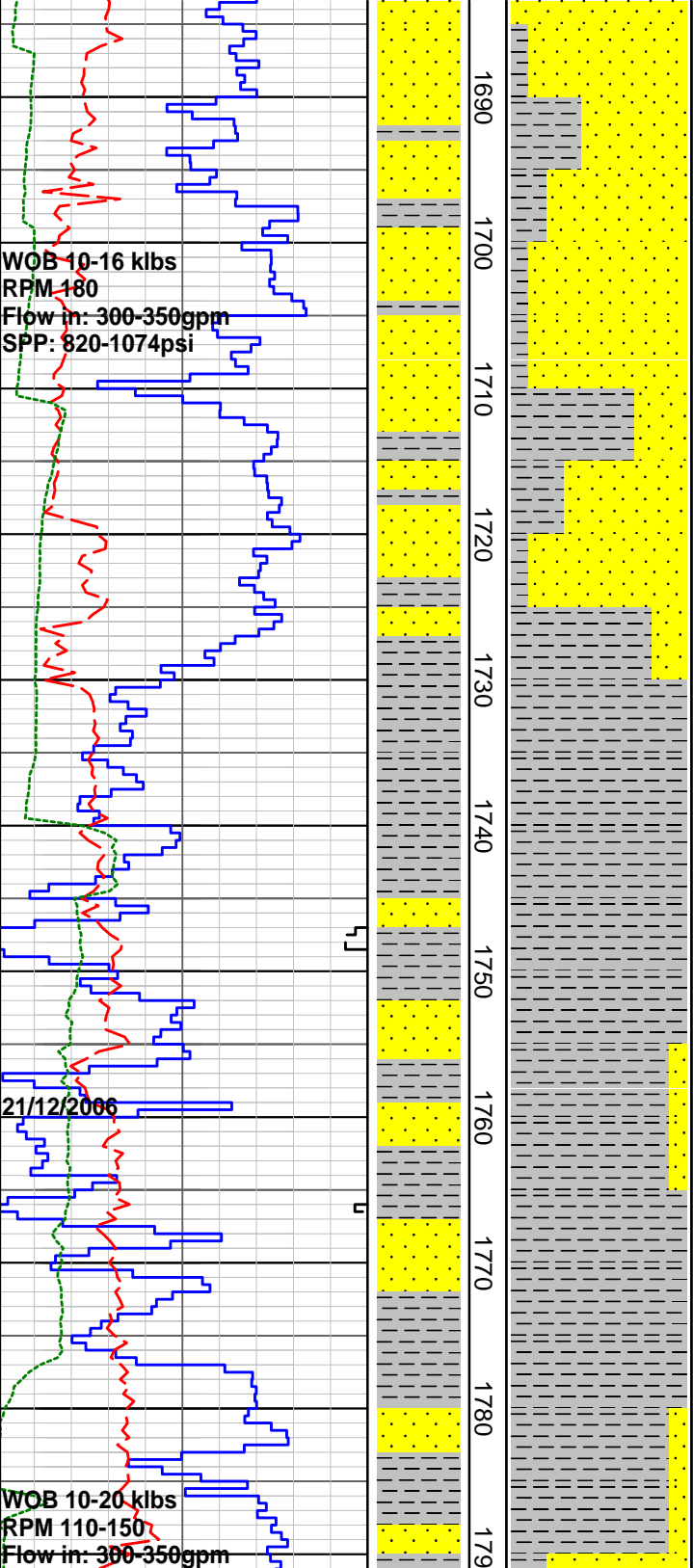
## FORMATION EVALUATION LOG



WOB 10-16 klbs  
RPM 180  
Flow in: 300-350gpm  
SPP: 820-1074psi

21/12/2006

WOB 10-20 klbs  
RPM 110-150  
Flow in: 300-350gpm



gr, tr qtz gr, tr rd brn lith, tr blk coa detri, comm crystalline calc vn infill, hd, n vis por, n oil fluor

Fluorescence: The calcite vn infill (tr of total sample) has 50% bright patchy to solid lt to med ylw oil fluor giving a dull ylw wh crush cut fluor with tr ylw wh tr residue

MWIN: 9.35ppg Mud temp: 46deg  
PV/YP: 20/11 FV: 52 Gels: 1/2  
Solids: 5.9% pH: 12.5

Sandstone: lt-med gn gy, v f-f, dom f, sbang-rnnd, mod srtd, abund off wh arg mtx, strng sil & mod calc cmt, abund off wh alt feld gr, com alt gy gn volc lith gr, tr qtz gr, tr rd coal detri, tr xtaline Calc vn infil, hd, n vis por, n oi fluor

Claystone: med dk brn gy-med gn gy-dk gy, sli-v slty, v f aren w alt feld gr i/p, v carb i/p, tr blk carb flks, tr blk coal detri, tr micmic, tr Calc lined fractures, hd sbfiss

Survey @ 1748m = 4deg

1760-1765m: Fluorescence: The vn infill mat (1% of total sample) has tr bright patchy- solid lt-med ylw oil fluor giving dull ylw wh crush cut fluor with tr ylw wh film residue

Claystone: med-dk gy-med brn gy-med gn gy, sli-v slty, v f aren w alt feld gr i/p, occ v carb, tr blk carb flks, tr blk coal detri, tr micmic, com Calc & goethite lined fractures,

Sandstone: lt-med gn gy, v f-f, dom f, sbang-rnnd, mod srtd, abund off wh arg mtx, strng sil & mod calc cmt, abund off wh alt feld gr, com alt gy gr

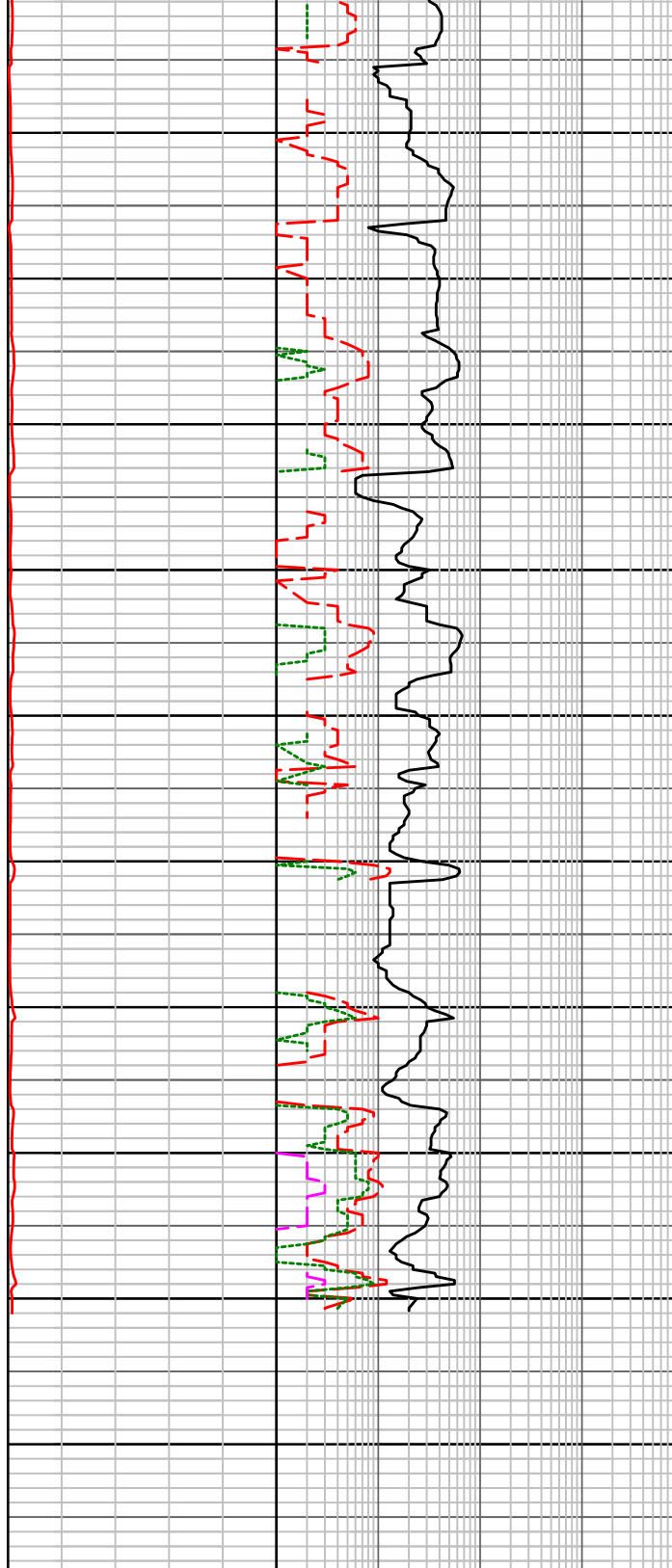
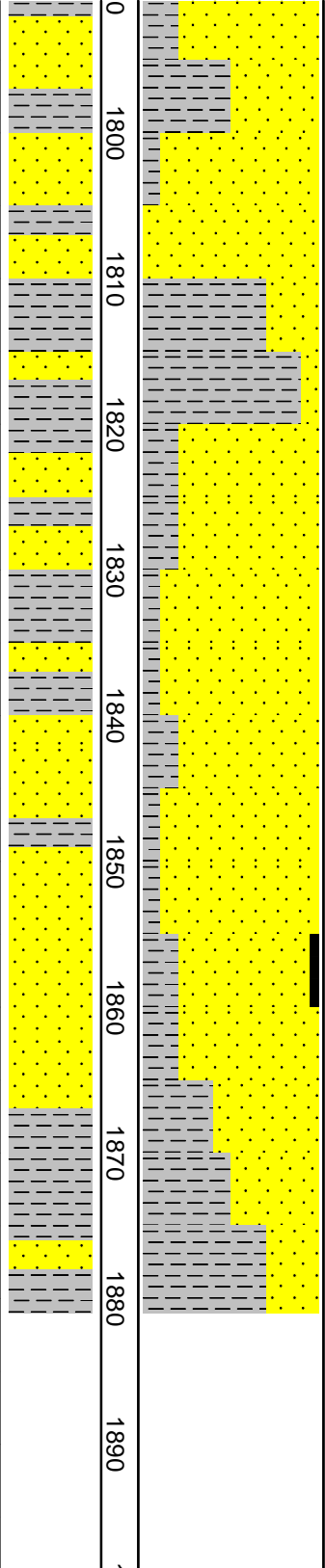
SPP: 820-1050psi

Torque sensor not working

WOB 7-20 klbs  
Bit RPM 125-165  
Flow in: 340-350gpm  
SPP: 850-1050psi

Torque sensor not working

22/12/2006



abund on wh alt feld gr, com alt gy gr  
volc lith gr, tr qtz gr, tr rd coal detri,  
com xtaline Calc & goetite vn infil, hd,  
n vis por, n oil fluor

1795-1800m: Fluorescence: The vn  
infill mat (1% of total sample) has tr  
bright patchy- solid lt-med ylw oil  
fluor giving dull ylw wh crush cut  
fluor with tr ylw wh film residue

Survey @ 1819m = 4deg

Claystone: med brn gy-med gn  
gy-med-dk gy, sli-v slty, v f aren w alt  
feld i/p, occ v carb, tr blk carb flks, tr  
coal detri, tr micmic, tr-com Calc &  
geothite lined fract, hd sbfiss

Sandstone: lt-med gn gy, v f-med,  
dom f, sbang-rnodd, mod srtd, abund  
off wh arg mtx, strng sil & calc cmt,  
abund off wh alt feld gr, com alt gy gr  
volc lith gr, tr qtz, tr rd brn lith, tr blk  
coal detri, tr xtaline Calc & goethite vn  
infil, hd, n vis por, n oil fluor

MWIN:8.95ppg Mud temp:46deg  
PV/YP:14/9 FV:46 Gels:0/1  
Solids:3.7% pH:10

1855-1860m:Fluorescence: The vn  
infill mat (tr of total sample) has 10%  
bright patchy-solid lt-med ylw oil fluor  
giving dull ywl wh crush cut fluor w tr  
ylw wh ring

Survey @ 1869m = 4deg

Claystone: med-dk brn gy, occ  
gy-med gn gy, sli-v slty, v f aren w alt  
feld gr i/p, mod carb i/p, tr blk coal  
detri, tr micmic, tr Calc & rr geothite  
lined fract, hd, sbfiss

FORMATION EVALUATION LOG																			
RATE OF PENETRATION					INTERPRETED LITHOLOGY	MD meters 1:500	LITHOLOGY	CORE	OIL SHOWS	TOTAL GAS	CHROMATOGRAPH				REMARKS				
ROP (0-50m/hr)											1	Methane ppm		10000					
Backup ROP (50-200m/hr)					1	Ethane ppm		10000											
WOB (klb)					1	Propane ppm		10000											
TORQUE AVG					1	iso-Butane ppm		10000											
					1	n-Butane ppm		10000											
					1	iso-Pentane ppm		10000											
					n-Pentane ppm														
					10	100	1000	10000											