



Company : Karoon Gas Pty Ltd

Well : Megascolides 2

Interval : 0.00 - 523.51 meters

Created : 07/Jan/2007 5:50:29 AM



INTEQ

FORMATION EVALUATION LOG

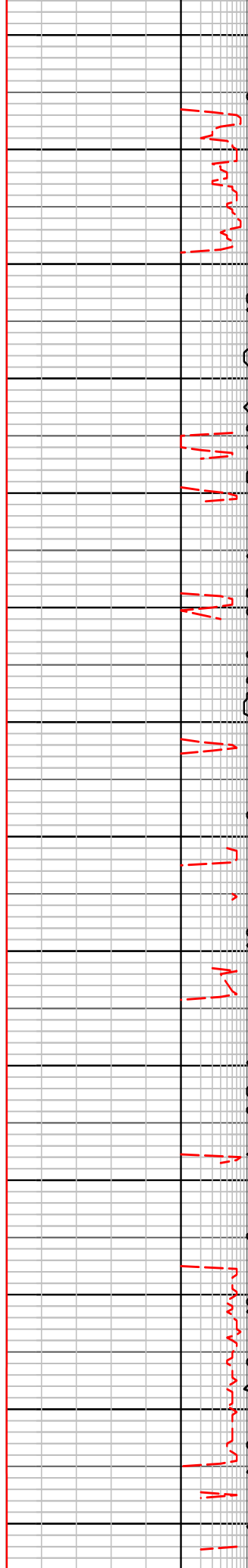
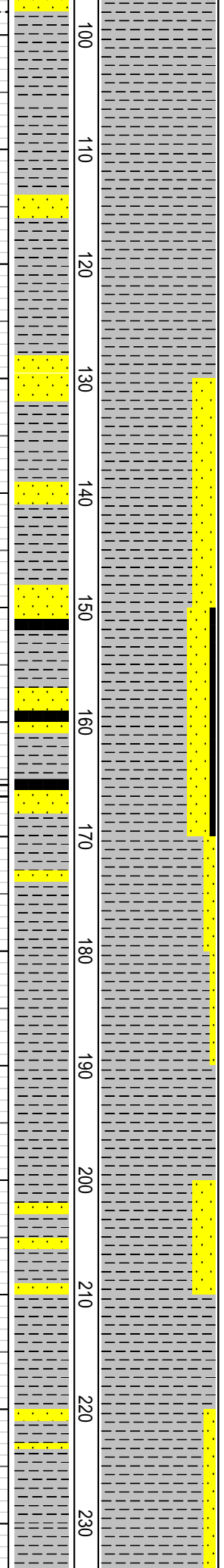
RATE OF PENETRATION ROP (0-50m/hr) Backup ROP (50-200m/hr) WOB (klb) TORQUE AVG	INTERPRETED LITHOLOGY	MD meters ±.500	LITHOLOGY	CORE	OIL SHOWS	TOTAL GAS 0.1 0.2 0.3 0.4 0.5 %	CHROMATOGRAPH 1 Methane ppm 10000 1 Ethane ppm 10000 1 Propane ppm 10000 1 iso-Butane ppm 10000 1 n-Butane ppm 10000 1 iso-Pentane ppm 10000 n-Pentane ppm 10 100 1000 10000	REMARKS
<p>NB1 12-1/4" Security XS15 Jets: 3 x 20, In: 15m, Out: XXXm Drilled: XXXm in XXXhrs Bit Grade:</p> <p>WOB 2-7 klbs RPM 110-120 Flow in: 164-244gpm SPP: 220-330psi</p>		<p>10</p> <p>20</p> <p>30</p> <p>40</p> <p>50</p> <p>60</p> <p>70</p> <p>80</p> <p>90</p>						<p>Spud Date: 4 Jan 2006 @ 1400h RT-GL : 5.2m (all depth on log ref.)</p> <p>Weathered Volcanics: wthd to Clyst, dk yel org-gy org, occ lt rd bn-dk bn, occ pl yel org, v sol, v sft, v stky, tr slt, rr carb mat.</p> <p>Claystone: lt gn gy-br gy, v sf, v stky, amrp-sblk, v arg i/p, non calc</p> <p>Sandstone: gy org-pl yel brn, lt yel-off wh, crs-v crs dom sub ang, occ sub rnd, mod srtd, non calc, abnt qtz grn, tr blk-dk gy carb matl.</p> <p>Sandstone: lt gy, lt yel gy, lt olv gy, occ lt yel, occ gy-lt gy, dom v crs, occ crs, mod-w srtd, non calc, pred qtz grn, rr lt gy-gy volc mat.</p> <p>MWIN:8.70ppg Mud temp:28deg PV/YP:4/3 FV:35 Gels:0/1 Solids:2.3% pH:8.0</p>

WOB 2-19 klbs
RPM: 110-120
Flow in: 440-680gpm
SPP: 470-645psi

4/01/2007

WOB 10-22 klbs
RPM 100-120
Flow in: 540-550gpm
SPP: 640-765psi

WOB 14-22 klbs
RPM 110-120
Flow in: 510-550gpm
SPP: 640-765psi



Claystone: lt gn gy-med dk gy, v sf, v stky, amrp-sblky, v aren i/p, tr carb matl, tr lse qtz grn

Claystone: lt dk gy-med gn gy- lt br gy, v sf, v stky, sblky-blky, v aren i/p, tr carb mat, tr lse qtz grn

Sandstone: lt gn gy-dk gy, occ lt yel gy, v f-f, occ crs, poor-mod srted, non calc, pred qtz grn, lt gy-gy volc mat, tr carb mat, n vis por, n fluor

MWIN:8.90ppg Mud temp:35deg
PV/YP:8/13 FV:46 Gels:8/9
Solids:3.8% pH:8.3

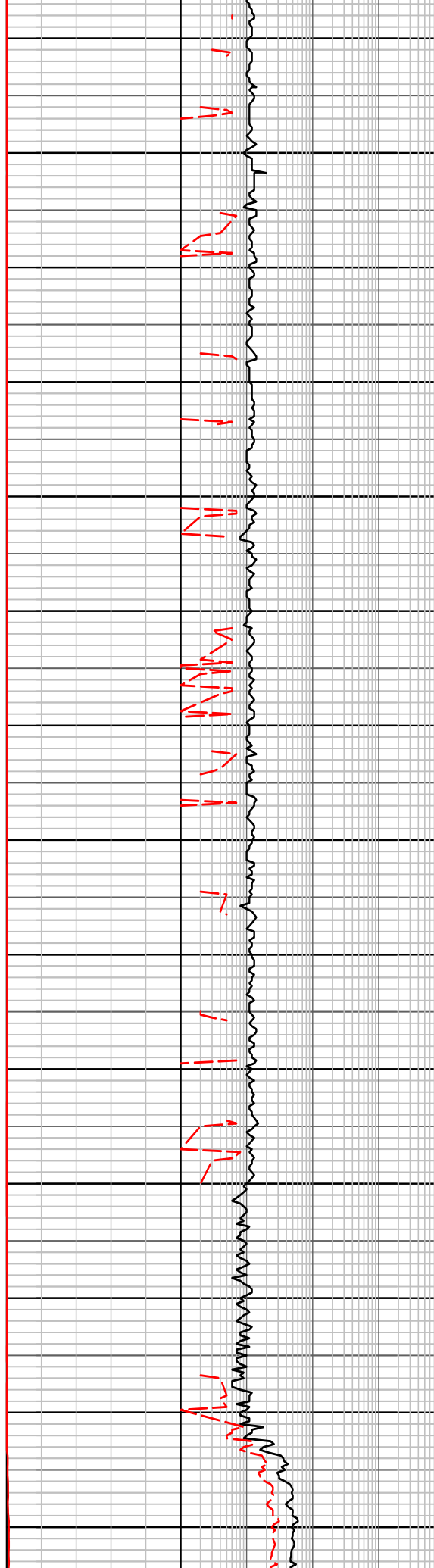
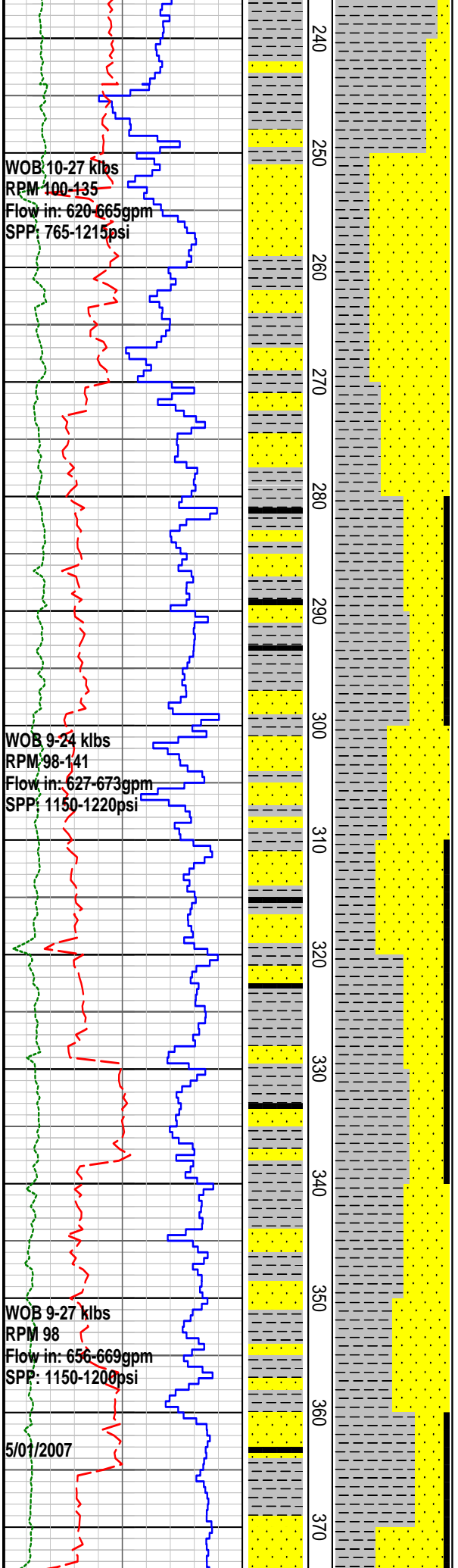
Coal: dk bn-blk, sblky-blky,ea-sl sbvit lstr, sl arg i/p, sf-fm, brit i/p

Survey @ 166m = 1.25 deg incl

Claystone: lt dk gy-med dk gy, occ med gn gy-med bn gy, sf-fm, mod hd i/p, v stky, sblky-blky, v f aren i/p, sl calc, tr carb detri, tr lse qtz grn, sbfiss

Survey @ 204m = 1.00 deg incl

Claystone: lt dk gy-med dk gy, occ med gn gy-med bn gy-dk gy, fm-mod hd, sf i/p, v stky, sblky-blky, v f aren i/p, sl calc, tr carb detri, tr lse qtz grn, tr micromic, sbfiss



MWIN:8.95ppg Mud temp:46deg
PV/YP:8/12 FV:40 Gels:13/14
Solids:4.1% pH:8.0

Sandstone:transp-transl, off wh-yel
wh-lt gn gy-dk gy, v f-f, ang-sbrnd, i/p
rnd, v f wh-gy arg matrix, poor-mod
srted, wk calc cmt, pred qtz grn, fm-hd,
tr carb mat; n vis por; n fluor

Claystone: lt gy-gy-dk gy, gen fm, occ
mod hd, stky, sbblky-sbang, v f aren
i/p, sl calc, com-abnt carb matl, tr v f
sand.

Sandstone: transp-transl, opq, off
wh-lt yel wh-lt gy-dk gy, pred v f-f,
sbrnd-rnd, occ sbang, v f wh-gy arg
matrix, mod-w srted, sl calc cmt, pred
qtz grn, fm-hd, abnt carb matl, n vis
por.

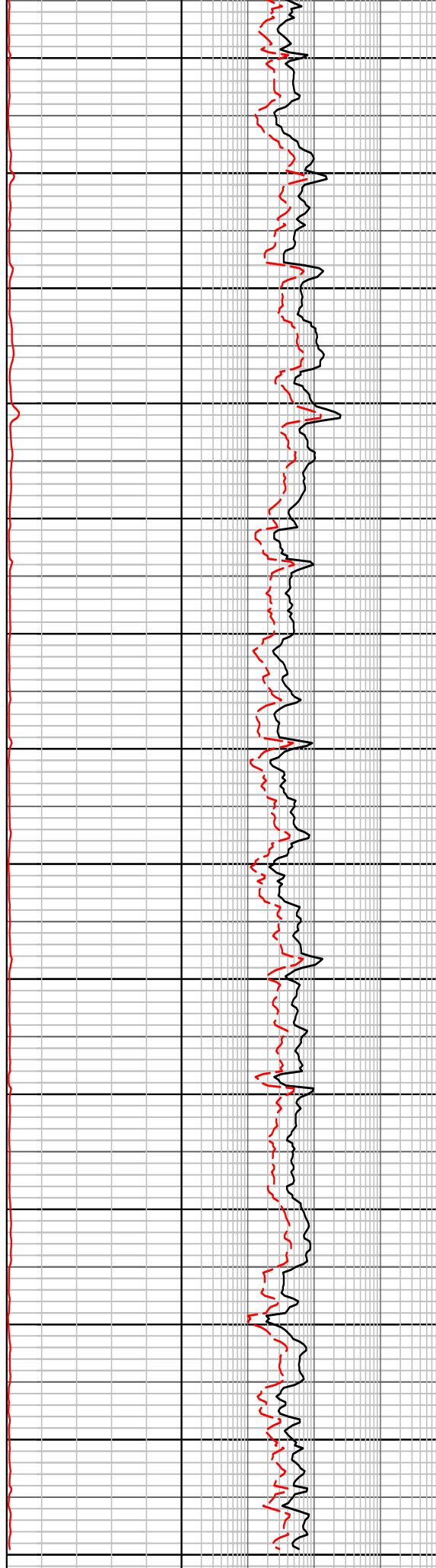
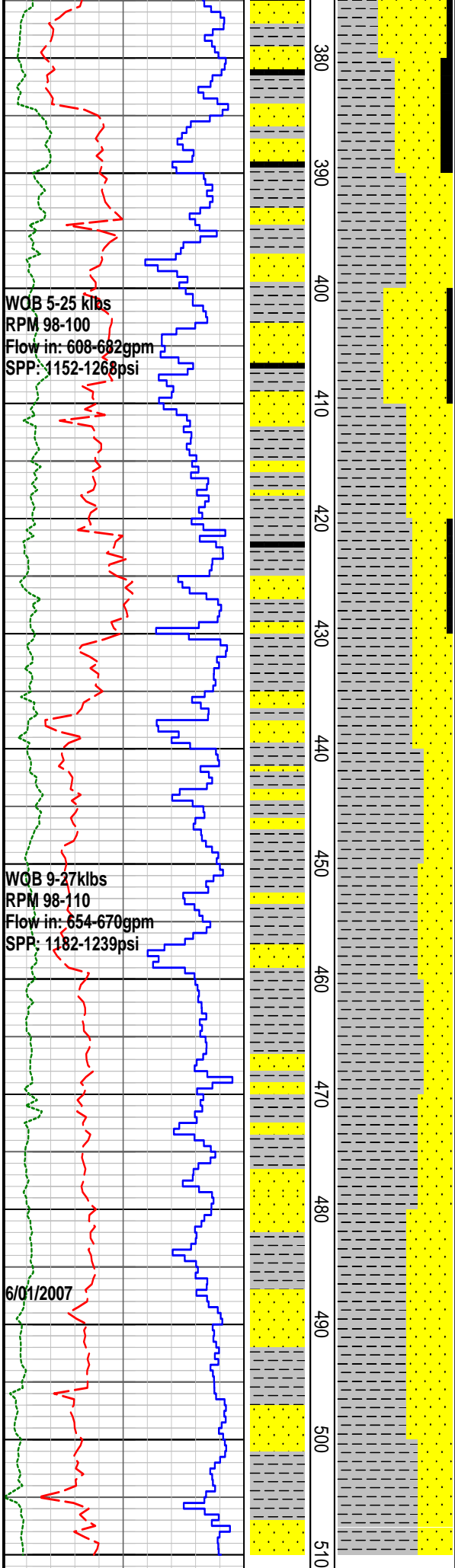
Survey @ 316m = 1.50 deg incl

Coal: blk, occ v dk gy, sbang-sblky,
occ plty, sbvit lstr, arg i/p, sf-fm, brit
i/p

Claystone: lt gy-gy-dk gy, occ olv
gy-dk olv gy, fm-mod hd, sl stky,
sbblky-sbang, occ sbrnd, aren i/p, sl
calc, com-abnt carb matl, tr v f sand.

MWIN:8.95ppg Mud temp:51deg
PV/YP:7/12 FV:40 Gels:16/19
Solids:4.1% pH:8.0

Sandstone: transp-transl, opq, off
wh-lt yel wh-lt gy-dk gy, pred v f-f,
occ i/p, sbrnd-rnd, occ sbang, v f



crse i/p, sbrnd-rnd, occ sbang, v wh-gy arg matrix, poor-mod, sl calc cmt, pred qtz grn, fm-hd, abnt carb matl, n vis por, no fluor

Claystone: lt gy-dk gy, olv gy-lt olv gy gy-grn gy, gen mod hd, occ v fm, sl stky, sbbkly-sbang, occ sbrnd, aren, sl calc, com-abnt carb matl, tr v f sand, occ grdng to sltst.

MWIN:9.00ppg Mud temp:52deg
PV/YP:5/11 FV:40 Gels:16/20
Solids:4.4% pH:8.0

Survey @ 419m = 0.75 deg incl

Sandstone: transp-transl, opq, off wh-lt gy, dk gy, pred v f-f, occ med, sbrnd-rnd, occ sbang, v f wh-gy arg matrix, gen mod srtd, w srtd i/p, occ s calc, mod hd, occ hd, occ fri, pred qtz grn, com abnt carb matl, no vis por, grdng to sltst, no flour.

Claystone: lt gy-gy, lt olv gy-olv gy, gen mod hd, occ v fm, non stky, sbbkly-sbang, occ sbrnd, aren, v sl calc, com carb matl, com v f sand, occ grdng to sltst.

MWIN:9.10ppg Mud temp:54deg
PV/YP:5/13 FV:37 Gels:20/22
Solids:5.1% pH:8.0

Sandstone: transp-transl, opq, off wh-lt gy, dk gy, pred v f-f, occ med, sbrnd-rnd, occ sbang, v f wh-gy arg matrix, gen mod srtd, w srtd i/p, occ s calc, mod hd, occ hd, occ fri, pred qtz grn, com abnt carb matl, no vis por, grdng to sltst, no flour.

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FORMATION EVALUATION LOG

RATE OF PENETRATION		MD meters 1:500	LITHOLOGY	OIL SHOWS	CORE	TOTAL GAS	CHROMATOGRAPH				REMARKS
ROP (0-50m/hr)	Backup ROP (50-200m/hr)						1	Methane ppm	10000		
5 10 15 20 25 30 35 40 45 50	5 10 15 20 25 30 35 40 45 50						1	Ethane ppm	10000		
5 10 15 20 25 30 35 40 45 50	5 10 15 20 25 30 35 40 45 50						1	Propane ppm	10000		
5 10 15 20 25 30 35 40 45 50	5 10 15 20 25 30 35 40 45 50						1	iso-Butane ppm	10000		
5 10 15 20 25 30 35 40 45 50	5 10 15 20 25 30 35 40 45 50						1	n-Butane ppm	10000		
5 10 15 20 25 30 35 40 45 50	5 10 15 20 25 30 35 40 45 50						1	iso-Pentane ppm	10000		
5 10 15 20 25 30 35 40 45 50	5 10 15 20 25 30 35 40 45 50							n-Pentane ppm	10000		
							10 100 1000 10000				