



Company : Karoon Gas Pty Ltd

Well : Megascolides 2

Interval : 0.00 - 515.00 meters

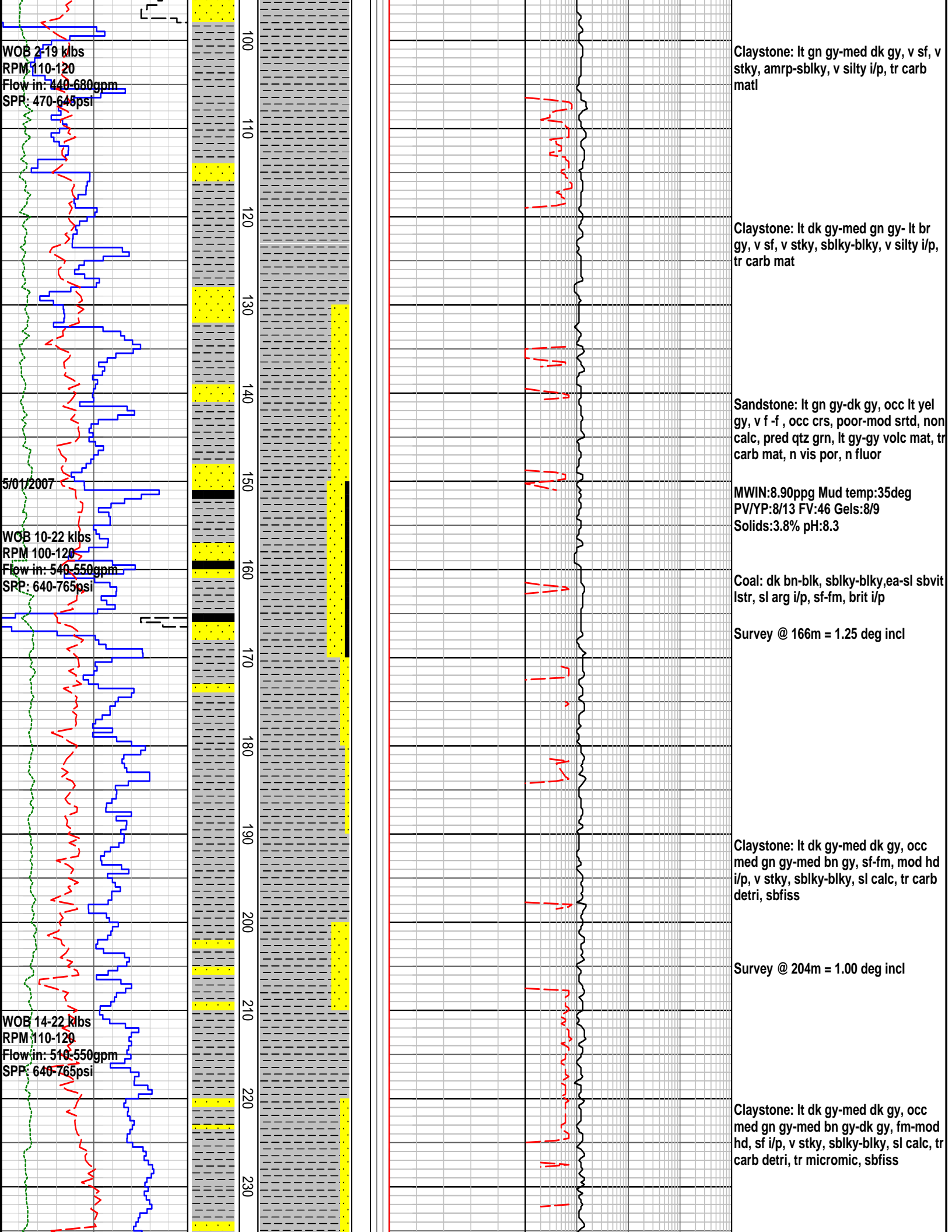
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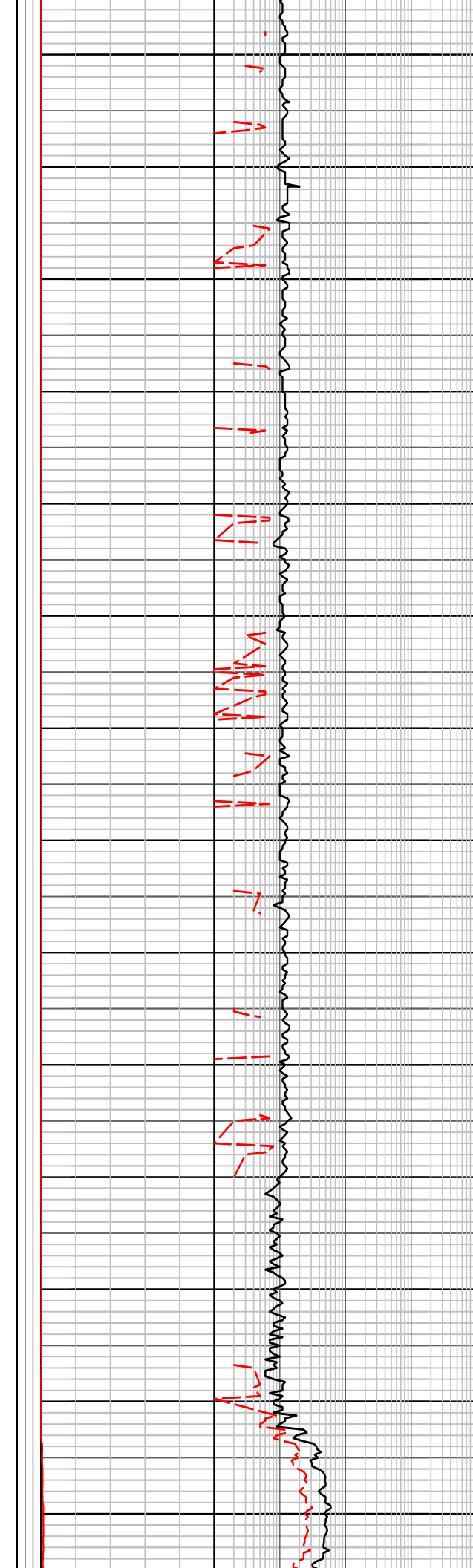
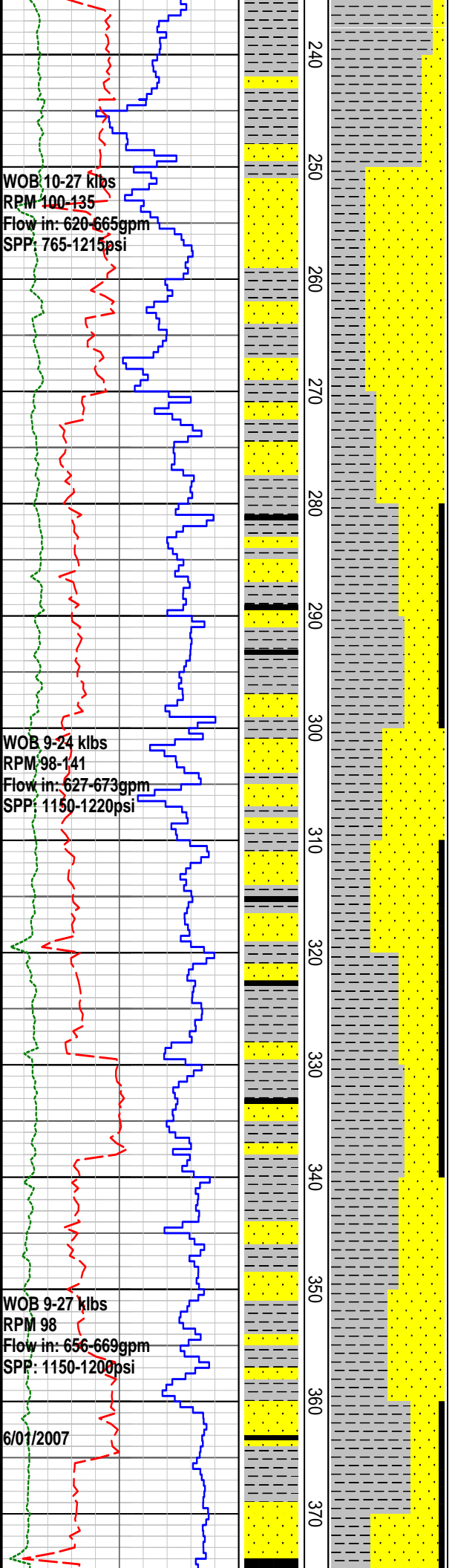


INTEQ

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	CHROMATOGRAPH	REMARKS
						0.1 0.2 0.3 0.4 0.5 %	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	
<p>NB1 12-1/4" Security XS15 Jets: 3 x 20, In: 15m, Out: 510m Drilled: 495m in 40.2hrs Bit Grade: 2-2-WT-A-E-I-SS-TD</p> <p>WOB 2-7 klbs RPM 110-120 Flow in: 164-244 gpm SPP: 220-330 psi</p>		0 10 20 30 40 50 60 70 80 90						<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 disp, v sft, v stky, tr slt, rr carb mat.</p> <p>Claystone: lt gn gy-br gy, v sf, v stky, amrp-sblk, 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, poor-mod srtd, non calc, pred qtz grn, rr lt gy-gy volc matl.</p> <p>MWIN: 8.70ppg Mud temp: 28deg PV/YP: 4/3 FV: 35 Gels: 0/1 Solids: 2.3% pH: 8.0</p>





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

Sandstone: 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, fm-hd, tr carb mat, n vis por,

Claystone: lt gy-gy-dk gy, gen fm, occ
mod hd, stky, sbbkly-sbang, v silty
i/p, sl calc, com-abnt carb matl.

Sandstone: 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, fm-hd,
abnt carb matl, n vis por.

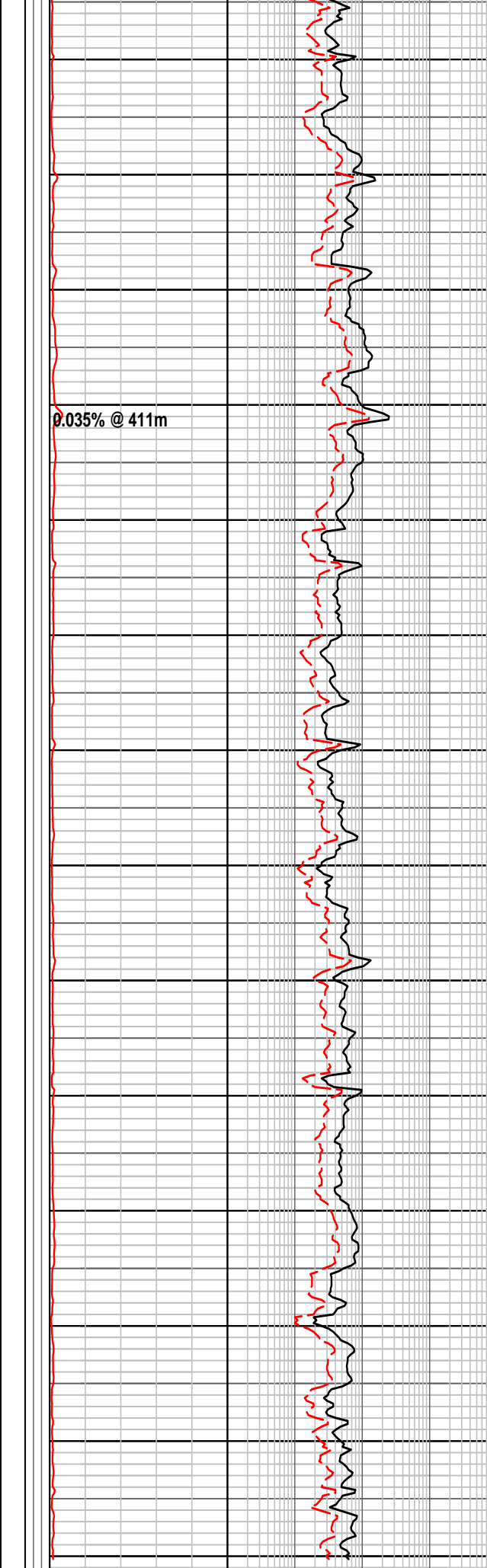
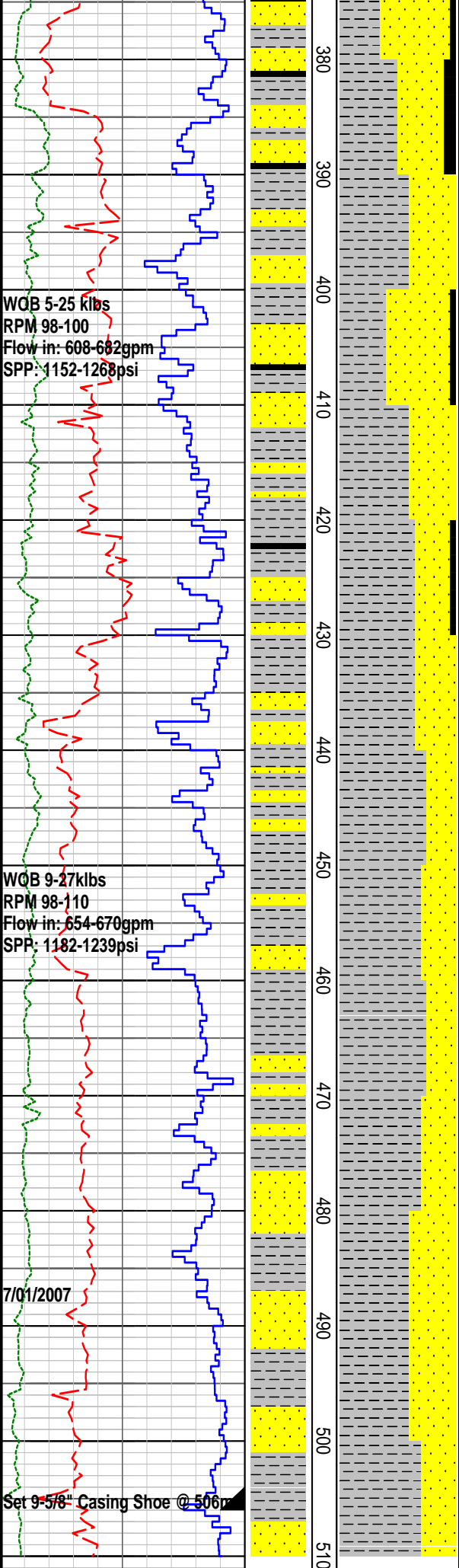
Survey @ 316m = 1.50 deg incl

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,
sbbkly-sbang, occ sbrnd, silty i/p, sl
calc, com-abnt carb matl.

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

Sandstone: opq, off wh-lt yel wh-lt
gy-dk gy, pred v f-f, crse i/p, sbrnd



-rhd, occ sbang, v f wh-gy arg matrix
poor-mod, sl calc
cmt, 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-blky, sl calc, com-abnt
carb matl, 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: 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
srted, w srted i/p, occ sl calc, mod hd,
occ hd, occ fri, com abnt carb
grdng to sltst, no flour.

Claystone: lt gy-gy, lt olv gy-olv gy,
gen mod hd, occ v fm, non stky,
sbbkly-blky, sl calc, com carb matl,
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: 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
srted, w srted i/p, occ sl calc, mod hd,
occ hd, occ fri, com abnt carb
grdng to sltst, no flour.

Survey @ 503m = 1.00 deg incl

FORMATION EVALUATION LOG

RATE OF PENETRATION										INTERPRETED LITHOLOGY	MD meters 1:500	LITHOLOGY	CORE	OIL SHOWS	TOTAL GAS	CHROMATOGRAPH				REMARKS			
ROP (0-50m/hr)					Backup ROP (50-200m/hr)											1	Methane ppm	10000					
50	45	40	35	30	25	20	15	10	5	65	80	95	110	125	140	155	170	185	200	1	Ethane ppm	10000	
WOB (klb)					TORQUE AVG					TOTAL GAS					1	Propane ppm	10000						
5	10	15	20	25	30	35	40	45	50	0.1 0.2 0.3 0.4 0.5 %					1	iso-Butane ppm	10000						
TORQUE AVG					WOB (klb)					TOTAL GAS					1	n-Butane ppm	10000						
5	10	15	20	25	30	35	40	45	50	0.1 0.2 0.3 0.4 0.5 %					1	iso-Pentane ppm	10000						
TORQUE AVG					WOB (klb)					TOTAL GAS					n-Pentane ppm								
TORQUE AVG					WOB (klb)					TOTAL GAS					10	100	1000	10000					