GLENAIRE 1 ST1

Field : GLENAIRE	Kelly Bushing : 77.4m	Rig : ENSIGN 32	Open Hole:		Cased Hole:		Loggers : J.SUTTON
Block: OTWAY BASIN	Ground Level : 71.25	Spud Date : 08/09/2006	17.5"	307m	13.375"	304m	N.LUIS
State : VICTORIA	GRS80 Ellipsoid MGA94 Zone54 :	TD Date : 27/10/2006	12.25"	1255m	9.625"	1252m	J.TRETHEWEY
Country : AUSTRALIA	Lat. : 37° 34' 47.03" S	Total Depth : 3701m	8.5"	3002m	7.0"	2998m	HO MINH HAU
Scale : 1/ 200	Long. : 140° 59' 52.25" E	Final Status : C & S	6.0"	3701m	4.5"	3694m	

LITHOLOGY

- Conglomerate
- Coarse Sandstone
- Med Sandstone
- Calcareous Sst
- Silty Sandstone
- Siltstone
- Carb. Siltstone
- Calc. Siltstone
- Clay
- Limestone
- Dolomite
- Coal
- Anhydrite
- Gypsum
- Igneous
- Volcanic
- Metamorphic
- Cement

ACCESSORIES

- Pyrite
- Siderite
- Glauconite
- Feldspar
- Mica
- Ferrous
- Chert
- Calcareous
- Dolomitic
- Carbonaceous
- Lithoclast
- Breccia
- Foraminifera
- Corals
- Inoceramus
- Bryozoa
- Plant remains
- Fossils

DRILLING DATA

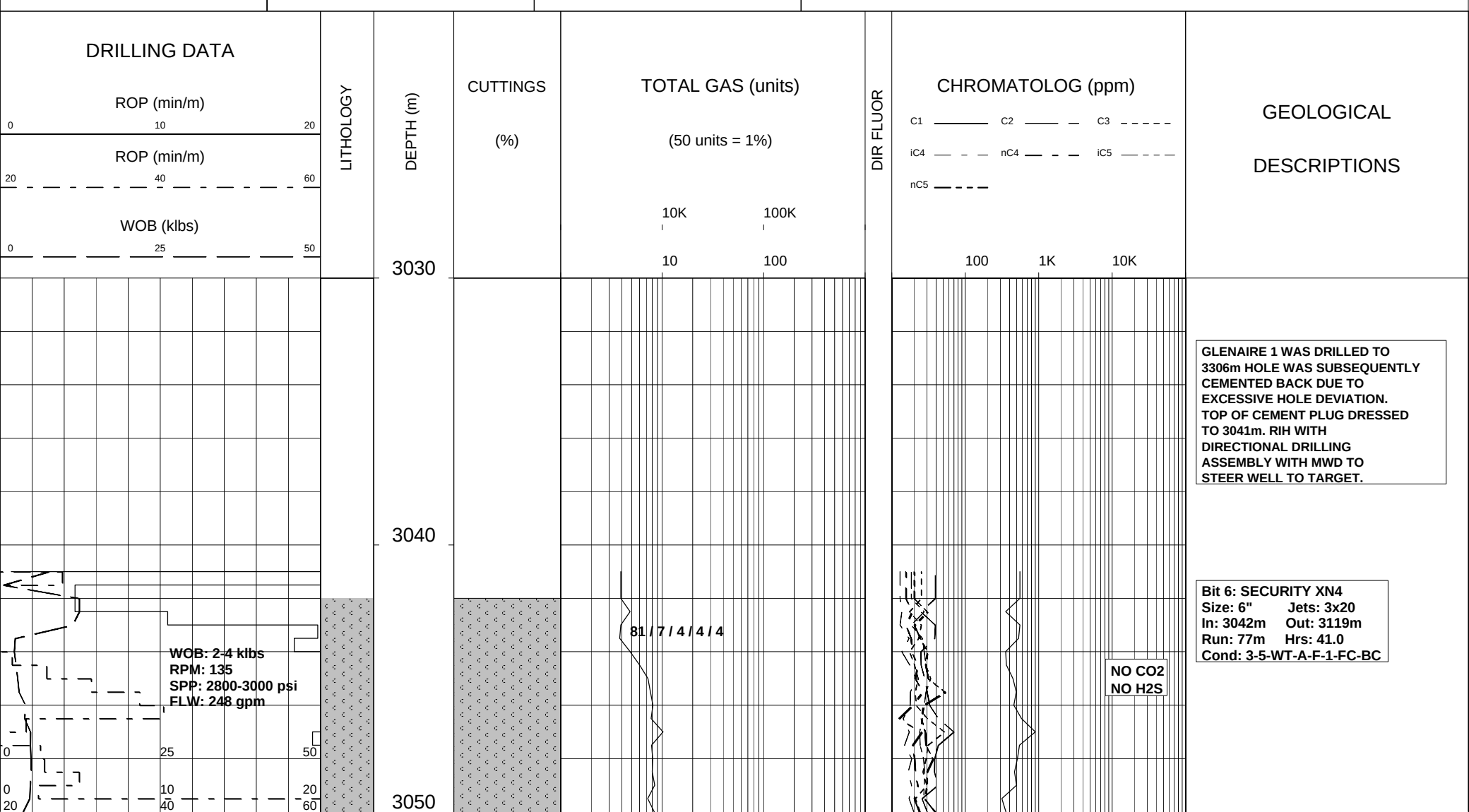
- Casing Shoe
- Bit Trip
- Wiper Trip
- Core
- DST
- Deviation Survey

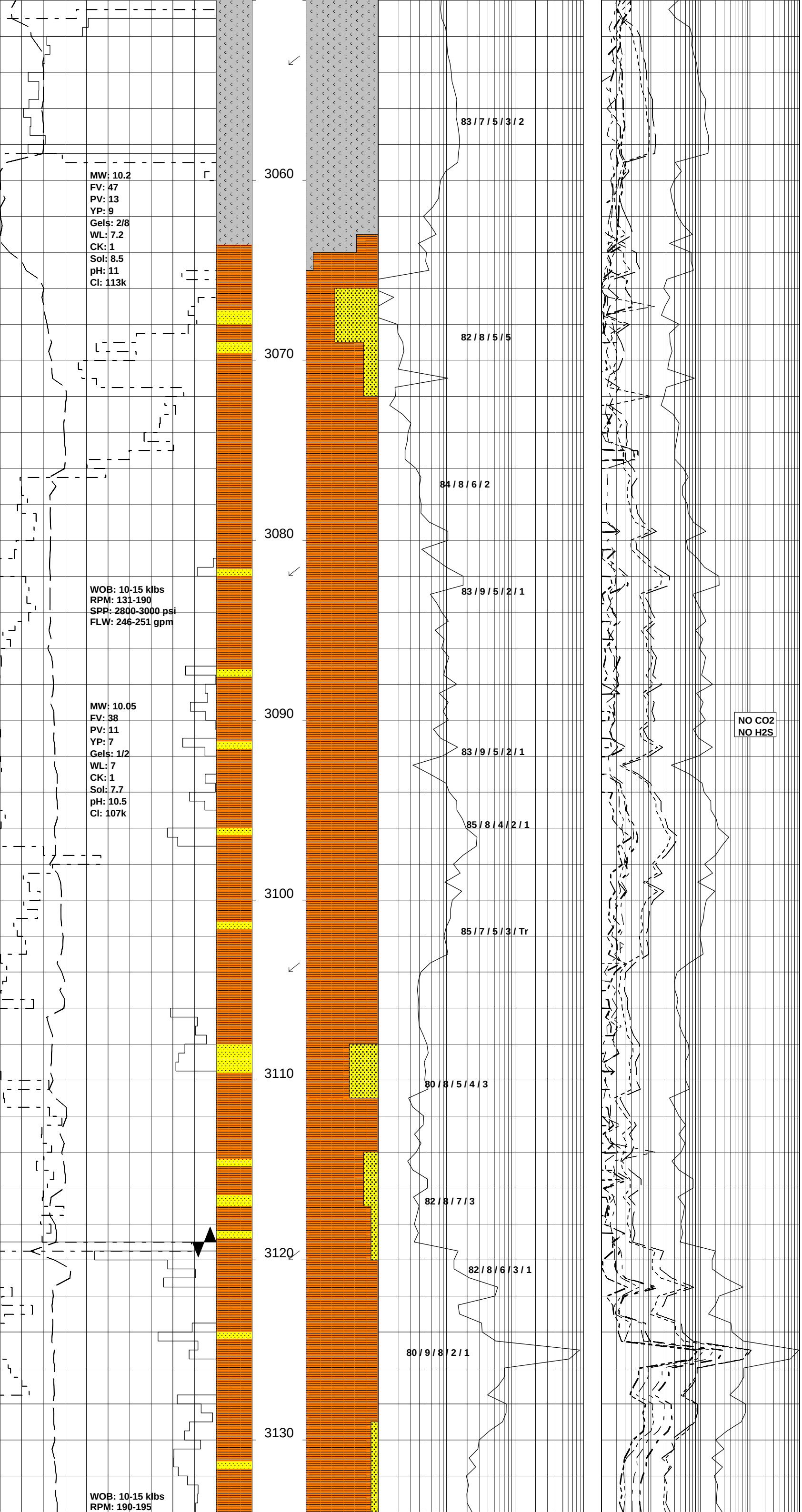
MUD DATA

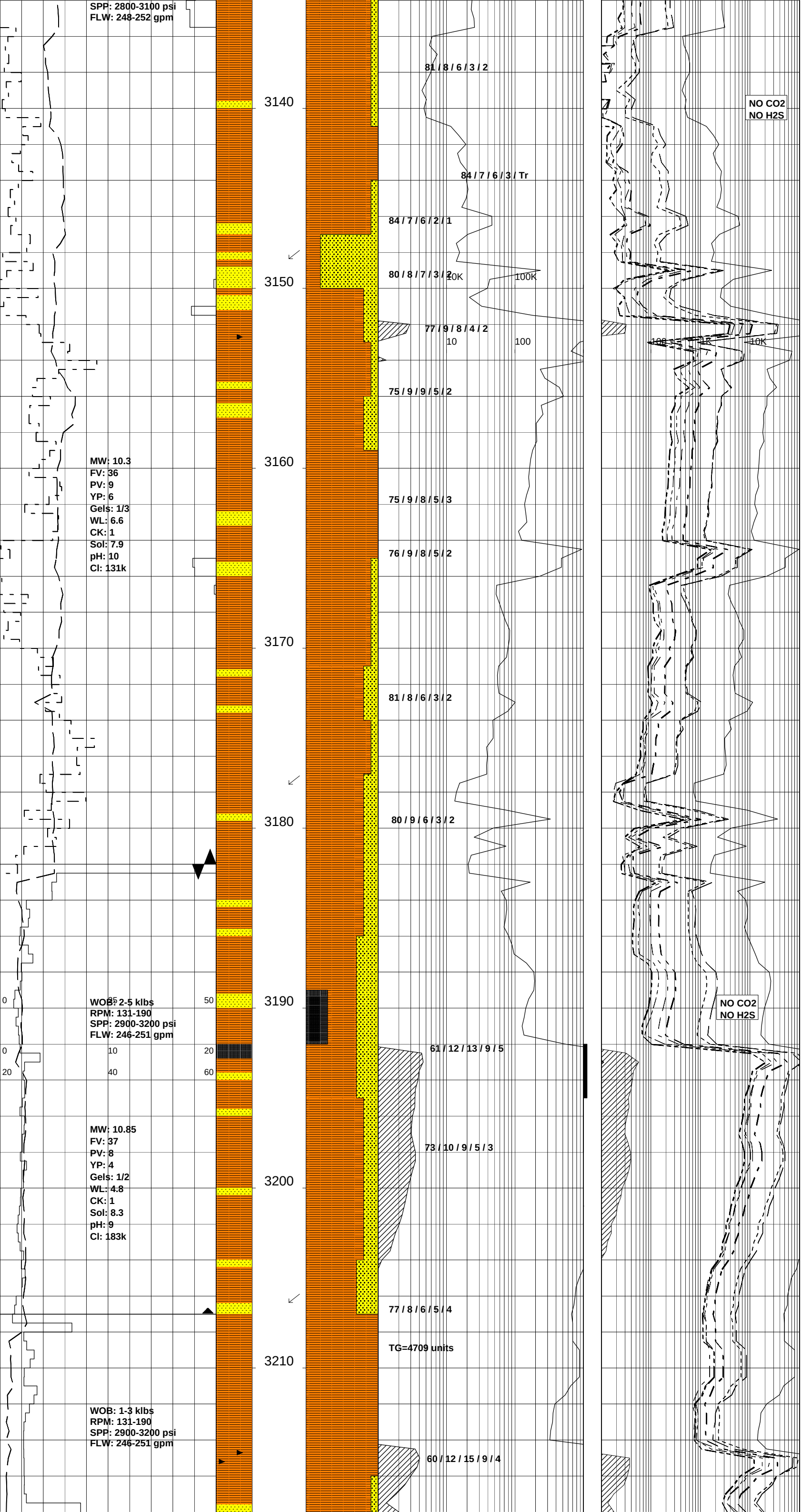
MW	-	Mud Weight (lb/gal)
FV	-	Funnel Viscosity (s/qt)
PV	-	Plastic Viscosity (cps)
YP	-	Yield Point (lb/100ftsq)
Gel	-	Gel Strength (10sec)
WL	-	Water Loss (cc/30min)
pH	-	Acidity / Alkalinity
Ck	-	Cake (32nd/inch)
O/W/S	-	Oil / Water / Solids
Cl	-	Chlorides (mg/L)
K+	-	Potassium (mg/L)
Rmf	-	Res. Mud Filtrate (ohmm)

ABBREVIATIONS

BOPD	-	Barrels of Oil Per Day	OG	-	Over Gauge
BWPD	-	Barrels of Water Per Day	OH	-	Open Hole
CG	-	Connection Gas	OTS	-	Oil To Surface
CO	-	Circulate Out	Q	-	Flow Rate
COND	-	Condensate	REC	-	Recovery
c/c	-	Crush Cut	FLUOR	-	Fluorescence
DST	-	Drill Stem Test	ROP	-	Rate Of Penetration
FLOW	-	Flow Rate (gal/min)	RPM	-	Revolutions Per Minute
GCM	-	Gas Cut Mud	RTSTM	-	Rate Too Small To Measure
GCW	-	Gas Cut Water	Rw	-	Resistivity water
GTS	-	Gas To Surface	r/r	-	Ring Residue
INJ	-	Injection of Mist (bbls/hr)	SCFM	-	Standard Cubic Ft/Min (air)
LCM	-	Lost Circulation Material	SGCM	-	Slightly Gas Cut Mud
MMCFD	-	Million Cubic Feet / Day	SPM	-	Strokes Per Minute
NGTS	-	No Gas To Surface	SPP	-	Stand Pipe Pressure
NOTS	-	No Oil To Surface	SWC	-	Side-Wall Core
NFTS	-	No Flow To Surface	TG	-	Trip Gas
OCM	-	Oil Cut Mud	WOB	-	Weight On Bit




3060
3070
3080
3090
3100
3110
3120
3130
MW: 10.2
FV: 47
PV: 13
YP: 9
Gels: 2/8
WL: 7.2
CK: 1
Sol: 8.5
pH: 11
Cl: 113k
WOB: 10-15 klbs
RPM: 131-190
SPP: 2800-3000 psi
FLW: 246-251 gpm
MW: 10.05
FV: 38
PV: 11
YP: 7
Gels: 1/2
WL: 7
CK: 1
Sol: 7.7
pH: 10.5
Cl: 107k
WOB: 10-15 klbs
RPM: 190-195
83 / 7 / 5 / 3 / 2
82 / 8 / 5 / 5
84 / 8 / 6 / 2
83 / 9 / 5 / 2 / 1
83 / 9 / 5 / 2 / 1
85 / 8 / 4 / 2 / 1
85 / 7 / 5 / 3 / Tr
80 / 8 / 5 / 4 / 3
82 / 8 / 7 / 3
82 / 8 / 6 / 3 / 1
80 / 9 / 8 / 2 / 1
NO CO2
NO H2S
SURVEY @ 3053.34m: 7.67° 343.28T
100 % Cement
SANDSTONE:lt-med brn/gry,lt gry, vf-f,wl srt,sbrnd,com mod wk calc cmt,com strg sil cmt,mnr off wh arg mtx i/p,com blk,wh,tn,grn,rd liths,hd-v hd,ti-nil vis por,min fluor only.
SILTY CLAYSTONE:med gry,dk brn gry,arg,aren i/p,te liths,tr carb spks, sft,sbblky.
SURVEY @ 3082.26m: 4.78° 5.59T
SILTY CLAYSTONE:med gry,lt-med brn,occ lt gry,arg,aren i/p,tr carb spks,sft-occ mod hd,sbblky.
SANDSTONE:(Tr)med brn/gry,med gry,vf,v wl srt,sbrnd,com mod strg calc cmt,occ mod wk sil cmt,occ pl gry slty mtx,com blk,tn,off wh,grn liths,mod hd,ti-nil vis por,min fluor only.
SURVEY @ 3104.18m: 2.52° 30.28T
SILTY CLAYSTONE:med brn/gry, med gry,med brn,mnr lt gry,arg,aren i/p,com carb spks,com off wh & tn liths,sft-frm,occ disp,sbblky,amorph i/p.
SURVEY @ 3120.27m: 2.04° 111.74T
Bit 7: SMITH XR+
Size: 6" Jets: 3x24
In: 3119m Out: 3182m
Run: 63m Hrs: 25.43
Cond: 1-1-CT-S-X-I-NO-PP
SILTY CLAYSTONE:med-dk gry,occ



lt gry,occ lt-med brn,arg,aren i/p, mod calc,micmic,tr liths,tr carb spks, sft-mod hd,sbblky.

SURVEY @ 3148.67m: 2.72° 152.37T

SANDSTONE:lt-med gry,pl brn/gry, vf-f,wl srt,sbrnd,com strg calc cmt, mnr mod wk sil cmt,occ-mnr off wh arg mtx,com off wh,blk,grn,tn liths, mod hd-hd,ti-nil vis por,min fluor only.

COAL:(Tr)blk,sbvit-vit,brit,sbfiss, evn-ang.

SILTCLAYSTONEmed-dk gry,occ lt gry,occ lt-drk brn,arg,aren i/p,mod calc,micmic,tr liths,tr carb spks, sft-mod hd,sbblky.

INFLUX OF OIL WHEN POOH @ 3182m,PROBABLY DUE TO SANDSTONES AND SMALL FRACTURES FROM 3149m TO TD RECEIVED 4154 UNITS OF GAS RIH TO WEIGHT UP TO 10.45 ppg.

SURVEY @ 3177.31m: 3.53° 168.37T

Bit 8: HYCALOG DSX 516M-B1
Size: 6" Jets: 5x15
In: 3182m Out: 3507m
Run: 325m Hrs: 57.6

SILTY CLAYSTONE:med-dk gry,med brn,abdt alt feld i/p,tr carb spks, v carb i/p,comm micmic,hd,sbfiss.

COAL:blk-v dk gry,v arg i/p,ea-sbvit,irregular/contused frac,hd, brit.

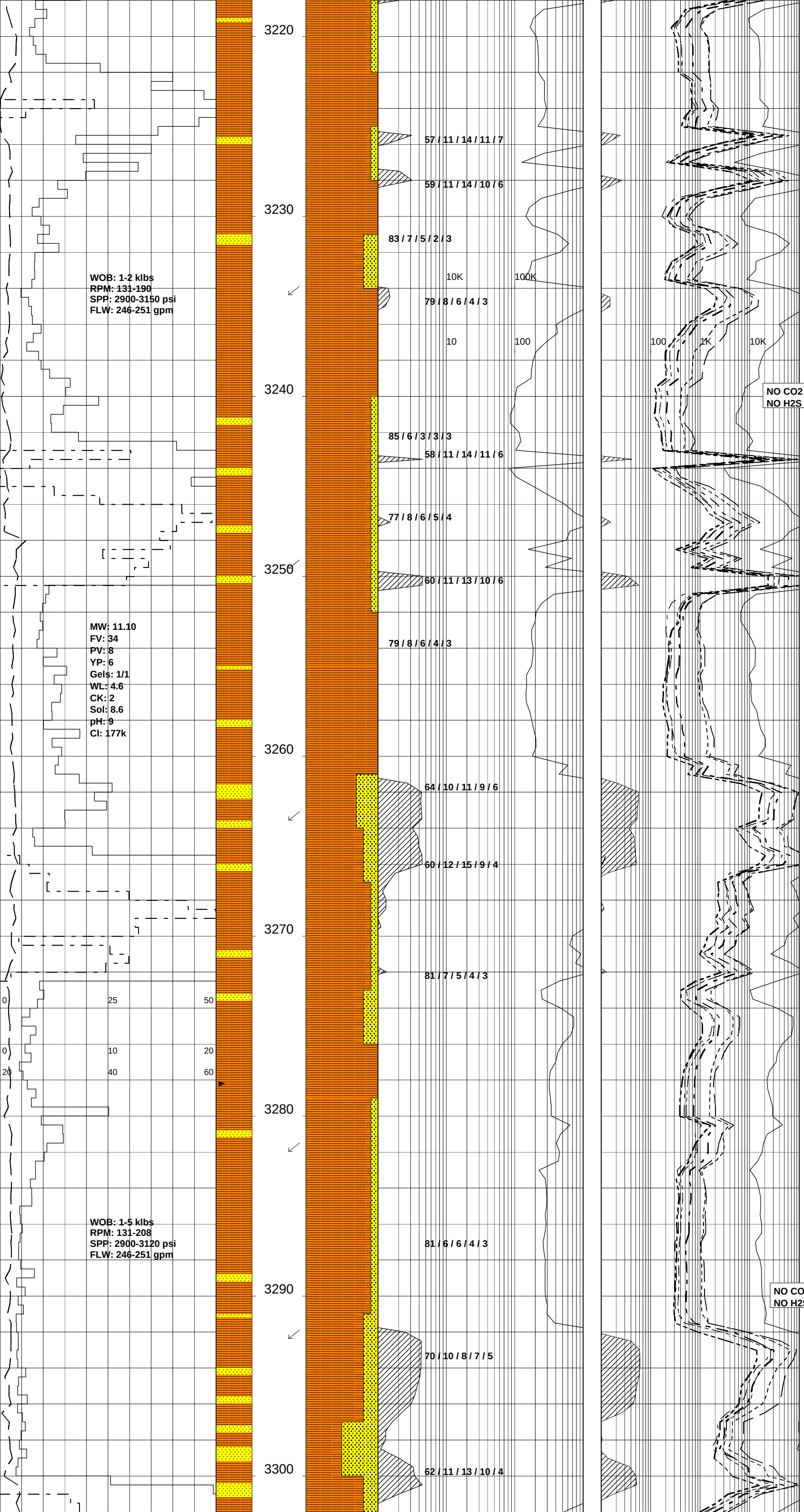
WELL BEGAN FLOWING OIL/GAS CUT MUD.THE CRUDE IS GREEN, WAXY (SOLIDIFIES AT SURFACE TEMP)AND IS ON THE HEAVIER END OF A LIGHT CRUDE. BRIGHT PALE GREENISH YELLOW WHITE FLUOR WITH MILKY WHITE CUT, NO FLUOR OBSERVED IN SAND AND SAND VISUALLY HAD NO DISCERNABLE INTER GRANULAR POROSITY.

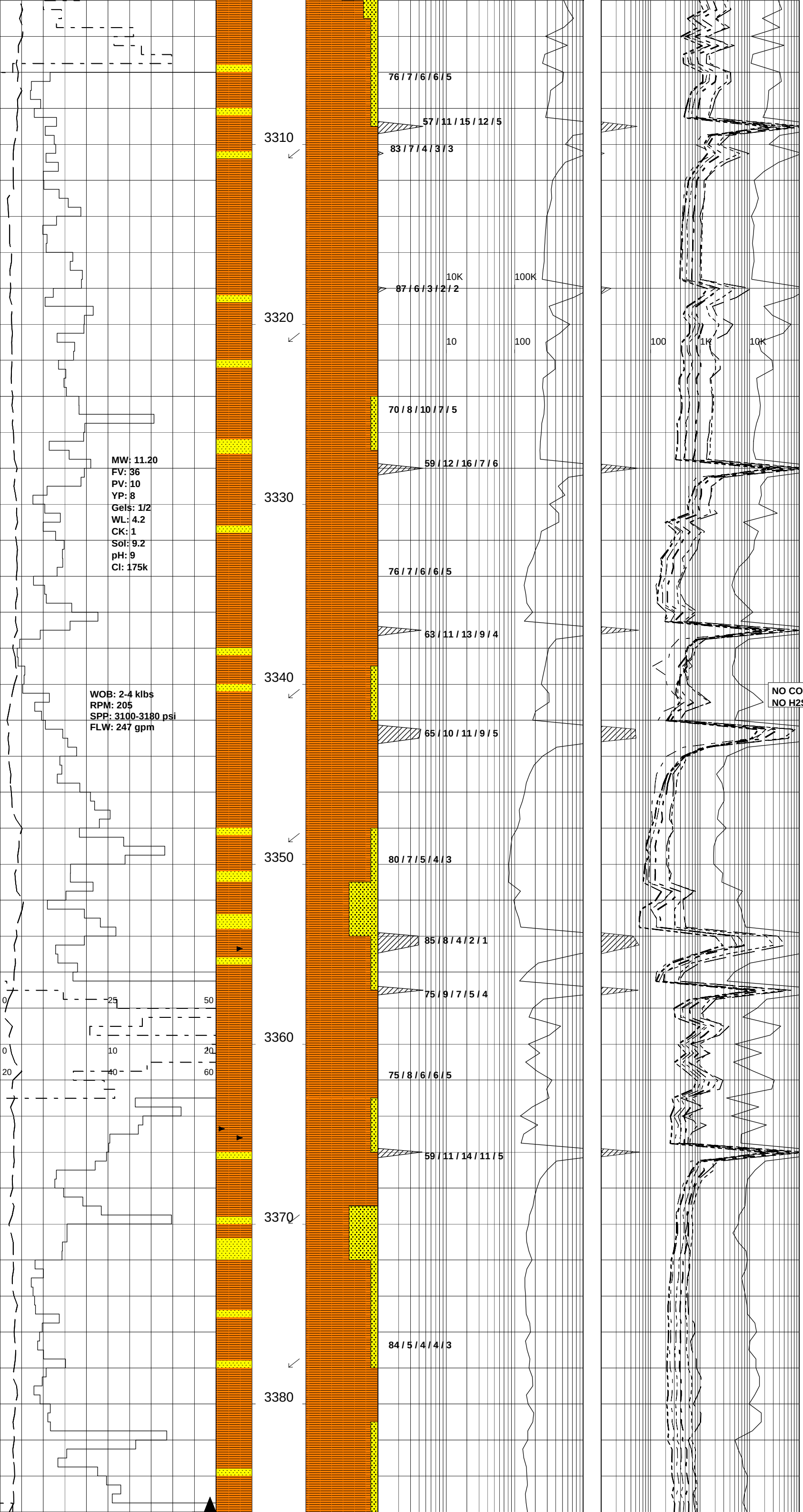
SURVEY @ 3206.34m: 1° 172.45T

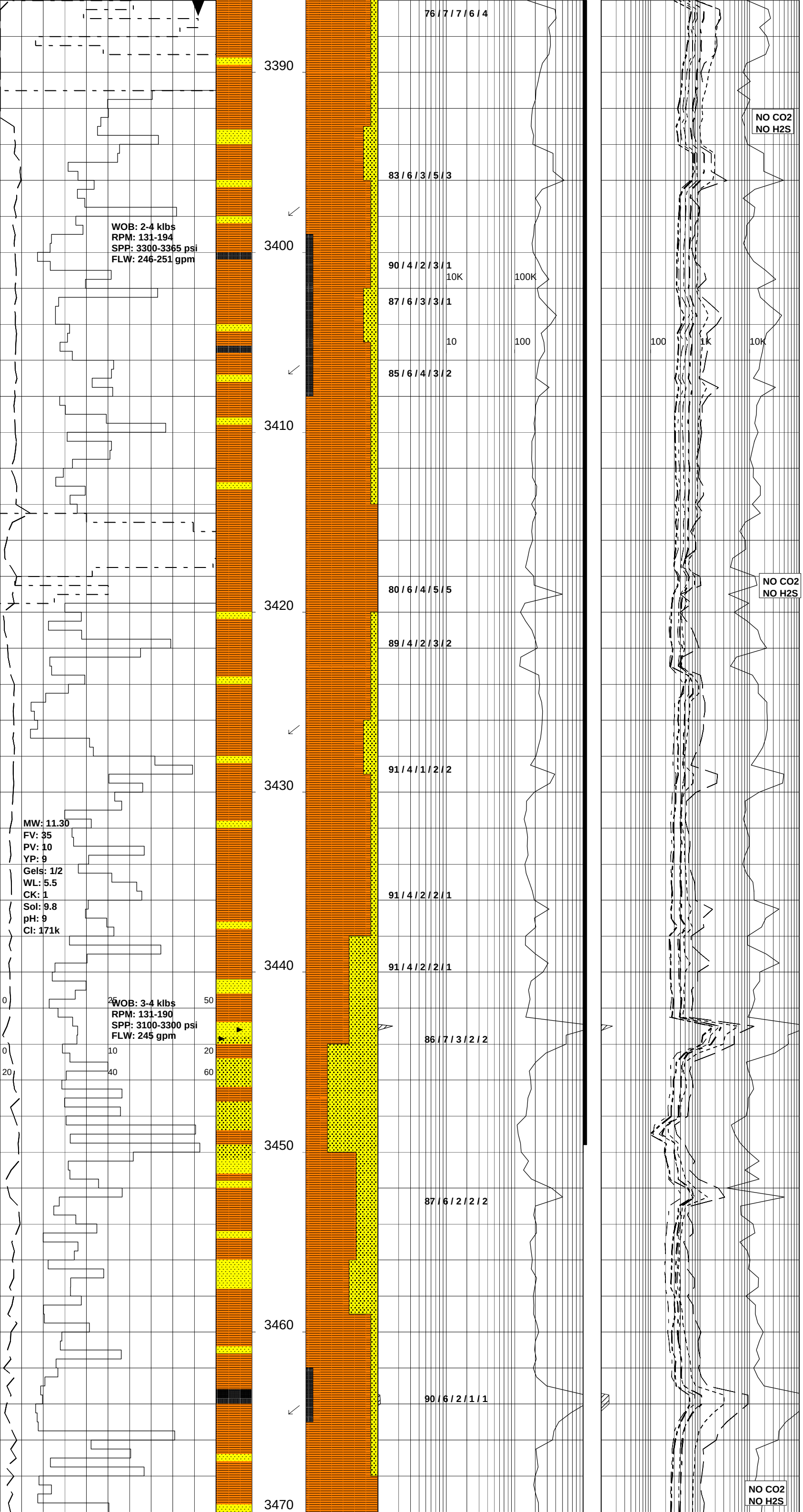
SANDSTONE:off wh-lt brn,slty-f, dom v f,sbang-sbrnd,mod srt,strng sil & calc cmt,abdt arg mtx,abdt alt feld,tr grn,gry,brn,red,blk liths,tr qtz grns,te mica,tr carb det,hd,no vis por,no oil fluor.

POOH TO REMOVE SALT SATURATION BLOCKAGE IN DRILL STRING

SILTY CLAYSTONE:lt-med gry,occ dk gry,arg,aren i/p,grd to SLTST,occ carb,tr liths,sft-mod hd,occ hd, sbblky.


3220
3230
3240
3250
3260
3270
3280
3290
3300
57 / 11 / 14 / 11 / 7
59 / 11 / 14 / 10 / 6
83 / 7 / 5 / 2 / 3
10K
100K
79 / 8 / 6 / 4 / 3
10
100
100
1K
10K
85 / 6 / 3 / 3 / 3
58 / 11 / 14 / 11 / 6
77 / 8 / 6 / 5 / 4
60 / 11 / 13 / 10 / 6
79 / 8 / 6 / 4 / 3
64 / 10 / 11 / 9 / 6
60 / 12 / 15 / 9 / 4
81 / 7 / 5 / 4 / 3
81 / 6 / 6 / 4 / 3
70 / 10 / 8 / 7 / 5
62 / 11 / 13 / 10 / 4
WOB: 1-2 klbs
RPM: 131-190
SPP: 2900-3150 psi
FLW: 246-251 gpm
MW: 11.10
FV: 34
PV: 8
YP: 6
Gels: 1/1
WL: 4.6
CK: 2
Sol: 8.6
pH: 9
Cl: 177k
0
25
50
0
10
20
20
40
60
WOB: 1-5 klbs
RPM: 131-208
SPP: 2900-3120 psi
FLW: 246-251 gpm
ADD BARITE TO MUD
SANDSTONE:lt gry,occ med gry, vf-f,wl srt,sbrnd,occ mod strg calc cmt,occ lt-med gry slty mtx,occ tn, blk,grn liths,mod hd-fri,v pr vis por, min fluor only.
SURVEY @ 3234.67m: 0.69° 350.93T
SILTY CLAYSTONE:med-dk gry/brn, med brn,aren,arg i/p,com off wh,tn, blk liths,micmic,mod hd-hd,sbfiss-sbblky.
NO CO2
NO H2S
SLIDING FROM 3243m TO 3250.5m
SANDSTONE:lt gry,occ med gry,vf, occ f,wl srt,sbrnd,occ mod strg calc cmt,occ lt gry arg mtx,mnr blk,tn,grn liths,mod hd,v pr-ti vis por,min fluor only.
SURVEY @ 3249.34m: 0.92° 242.06T
SILTY CLAYSTONE:med gry,med gry/brn,med brn,arg,aren i/p,com off wh,tn,blk liths,micmic,frm-mod hd, sbfiss-sbblky i/p.
SURVEY @ 3263.57m: 1.48° 232.27T
GAS/OIL INFLUX FROM 3192m
SILTY CLAYSTONE:med gry,med gry/brn,med brn,arg,aren i/p,com off wh,tn,blk liths,micmic,frm-mod hd, sbfiss-sbblky i/p.
SLIDING FROM 3265m TO 3272m
SILTY CLAYSTONE:lt-med gry,occ dk gry,aren i/p,grd to SLTST, micmic,tr liths,tr carb spks, sft-mod hd,occ hd,sbblky.
SURVEY @ 3282.64m: 2.6° 228.6T
SILTY CLAYSTONE:lt-med gry,occ dk gry,aren i/p,grd to SLTST, micmic,tr liths,tr carb spks, sft-mod hd,occ hd,sbblky.
NO CO2
NO H2S
SURVEY @ 3292.43m: 1.86° 259.15T
SANDSTONE:wh,off wh,occ lt gry, f-med,pr-mod srt,sbang-sbrnd, strng calc cmt,mod sil cmt,arg mtx,tr feld,abdt blk,brn.gry, red,grn liths,mod hd-hd,occ v hd, ti por,min fluor only.


3310
3320
3330
3340
3350
3360
3370
3380
76 / 7 / 6 / 6 / 5
57 / 11 / 15 / 12 / 5
83 / 7 / 4 / 3 / 3
87 / 6 / 3 / 2 / 2
70 / 8 / 10 / 7 / 5
59 / 12 / 16 / 7 / 6
76 / 7 / 6 / 6 / 5
63 / 11 / 13 / 9 / 4
65 / 10 / 11 / 9 / 5
80 / 7 / 5 / 4 / 3
85 / 8 / 4 / 2 / 1
75 / 9 / 7 / 5 / 4
75 / 8 / 6 / 6 / 5
59 / 11 / 14 / 11 / 5
84 / 5 / 4 / 4 / 3
10K
100K
10
100
100
1K
10K
MW: 11.20
FV: 36
PV: 10
YP: 8
Gels: 1/2
WL: 4.2
CK: 1
Sol: 9.2
pH: 9
Cl: 175k
WOB: 2-4 klbs
RPM: 205
SPP: 3100-3180 psi
FLW: 247 gpm
0
25
50
0
10
20
20
40
60
SLIDING FROM 3300m TO 3306m
SURVEY @ 3311.56m: 2.89° 223.60T
SILTY CLAYSTONE:dk-med brn/gry, med gry,arg,aren i/p,com off wh,blk, tn liths,micmic,mod hd-hd,sbfiss-sbblky i/p.
SURVEY @ 3321.13m: 2.66° 227.71T
SANDSTONE:lt gry,occ med gry,vf-f,wl srt,sbrnd,occ mod strg calc cmt, com off wh arg mtx,occ blk,tn,off wh liths,mod hd-fri,v pr vis por,min fluor only.
SILTY CLAYSTONE:dk-med brn/gry, med gry,arg,aren i/p,com off wh,blk, tn liths,micmic,mod hd-hd,sbfiss-sbblky i/p.
SURVEY @ 3341.07m: 1.99° 256.98T
NO CO2
NO H2S
SANDSTONE:off wh-lt gry,f,wl srt, sbang,sbrnd i/p,mod st sil cmt,calc cmt i/p,pl-off wh arg mtx,occ wh sil mtx,tr-com carb spks,occ lt-med brn,tr grn liths,mod hd,no vis por,min fluor only.
SLIDING FROM 3356m TO 3363m
SURVEY @ 3349.72m: 1.86° 275.69T
SILTY CLAYSTONE:dk-med brn/gry, med gry,arg,aren i/p,com off wh,blk, tn liths,micmic,mod hd-hd,sbfiss-sbblky i/p.
SURVEY @ 3370.03m: 3.00° 232.77T
SILTY CLAYSTONE:lt med gry,occ dk gry,arg,aren i/p grd to SLTST,occ carb spks,abdt micmic,tr-com lt,brn liths,frm,occ hd,sbblky.
SURVEY @ 3378.51m: 2.48° 244.84T
14 STANDS WIPER TRIP @ 3386m TO SHOE @2998m


3390
3400
3410
3420
3430
3440
3450
3460
3470
76 / 7 / 7 / 6 / 4
83 / 6 / 3 / 5 / 3
90 / 4 / 2 / 3 / 1
10K
100K
87 / 6 / 3 / 3 / 1
10
100
85 / 6 / 4 / 3 / 2
80 / 6 / 4 / 5 / 5
89 / 4 / 2 / 3 / 2
91 / 4 / 1 / 2 / 2
91 / 4 / 2 / 2 / 1
91 / 4 / 2 / 2 / 1
86 / 7 / 3 / 2 / 2
87 / 6 / 2 / 2 / 2
90 / 6 / 2 / 1 / 1
WOB: 2-4 klbs
RPM: 131-194
SPP: 3300-3365 psi
FLW: 246-251 gpm
MW: 11.30
FV: 35
PV: 10
YP: 9
Gels: 1/2
WL: 5.5
CK: 1
Sol: 9.8
pH: 9
Cl: 171k
WOB: 3-4 klbs
RPM: 131-190
SPP: 3100-3300 psi
FLW: 245 gpm
0
25
50
0
10
20
20
40
60
NO CO2
NO H2S
100
1K
10K
NO CO2
NO H2S
NO CO2
NO H2S
SILTY CLAYSTONE:lt med gry,occ dk gry,arg,aren i/p grd to SLTST,occ carb spks,abdt micmic,tr-com lt,brn liths,frm,occ hd,sbblky.
SLIDING FROM 3386m TO 3392m
SURVEY @ 3398.34m: 3.21° 204.46T
COAL:blk,dk brn i/p,vit,occ sbvit,arg, striat,sft,brit i/p,sbfiss,occ,unevn.
SURVEY @ 3407.21m: 2.92° 211.58T
SLIDING FROM 3414m TO 3419m
SANDSTONE:lt gry,occ off wh,vf-f, mod srt,sbang,sbrnd i/p,mod arg cmt, wh-off wh sil cmt,mod-wk calc cmt tr carb spks,tr lt brn,liths,mod hd,no vis por,pr inf por,no fluor.
SURVEY @ 3427.02m: 2.99° 169.22T
SILTY CLAYSTONE:med-dk gry,arg, com,micmic,tr carb spks,tr lt brn liths fm-mod hd i/p,sbblky,sbfiss i/p
FLUOR:3441m-3450m;Tr-10%.the fracture infill material has dull yellow mineral fluor and trace dull to moderate bright very pale yellow white oil fluor giving weak dull milky white crush cut fluor.The Sandstone has no intergranular oil fluor. The Coaly material has no fluor but gives a very weak pale yellow crush cut.
SANDSTONE:off wh,slty-f,dom vf, sbang-sbrnd,mod srt,abdt wh arg mtx,v strng calc cmt,mod sil cmt, tr liths,comm qtz grns,rr calcite lined frac,v hd,no vis por,no intergranular oil fluor.
SANDSTONE:off wh,slty-f,dom vf, sbang-sbrnd,mod srt,abdt wh arg mtx,v strng calc cmt,mod sil cmt, tr liths,comm qtz grns,rr calcite lined frac,v hd,no vis por,no intergranular oil fluor.
COAL:blk,dk brn/blk,sbvit,ea i/p, mnr slty,mod hd-hd,sbblky,hckly.
SURVEY @ 3464.6m: 1.56° 154.76T

WOB: 4-6 klbs
RPM: 131-190
SPP: 3100-3300 psi
FLW: 245 gpm

3480

SILTY CLAYSTONE:med-dk gry,dk gry/brn,aren i/p,com micmic,tr carb spks,tr lt brn & off wh liths,pred frm.mod hd-hd i/p,sbblky,sbfiss i/p.

SILTY CLAYSTONE:med-dk gry,med brn/gry,aren i/p,com micmic,tr carb spks & off wh liths,frm-mod hd, sbblky.

89 / 6 / 3 / 1 / 1

10K 100K

WOB: 2-7 klbs
RPM: 131-190
SPP: 3100-3300 psi
FLW: 245 gpm

3490

10 100 100 1K 10K

SURVEY @ 3491.68m: 1.37° 50.64T

SANDSTONE:off wh,slty-f,dom vf, sbang-sbrnd,mod srt,abdt wh arg mtx,v strng calc cmt,mod sil cmt, tr liths,comm qtz grns,rr calcite lined frac,v hd,no vis por,no intergranular oil fluor.

MW: 11.30
FV: 35
PV: 10
YP: 9
Gels: 1/2
WL: 5.2
CK: 1
Sol: 9.3
pH: 9
Cl: 182k

3500

SILTY CLAYSTONE:med-dk gry,occ brn,abdt vf alt feld grns,tr carb flks,rr calcite lined fracs,micmic, hd,sbfiss.

NO CO2
NO H2S

PRETTY HILL FORMATION: 3508m (-3432mSS).

3510

Bit 9 RR: HYCALOG DSX 516M-B1
Size: 6" Jets: 5x15
In: 3507m Out: 3564m
Run: 57m Hrs: 12.7
Cond: 1-4-CT-S-X-I-NR-PR

CG : 1358 units

SANDSTONE:wh,off wh,v f-med,dom f,occ vf-crs,pr srt,sbang-sbrnd, wk calc cmt,strng sil cmt,mtx supp, tr qtz grns,tr blk,brn,gry,red liths,no vis por,comm alt feld, min fluor only.

93 / 3 / 2 / 1 / 1

3520

WOB: 6-11 klbs
RPM: 130-190
SPP: 2950-3050 psi
FLW: 249 gpm

CG : 2096 units

SANDSTONE:wh,off wh,f-med,dom f,occ med-crse,pr srt,sbang-sbrnd, wk calc cmt,strng sil cmt,comm wh arg mtx,tr qtz grns,tr blk,brn,gry, red liths,no vis por,min fluor only.

0 25 50

94 / 4 / 1 / 1

0 10 20

20 40 60

95 / 4 / 1 / tr / tr

3530

95 / 5 / 2 / 1 / 1

SILTY CLAYSTONE:med-dk brn,occ dk gry,occ f alt feld,comm micmic, tr liths,tr carb spks,sft-mod hd,occ hd,sbfiss.

90 / 5 / 2 / 2 / 1

3540

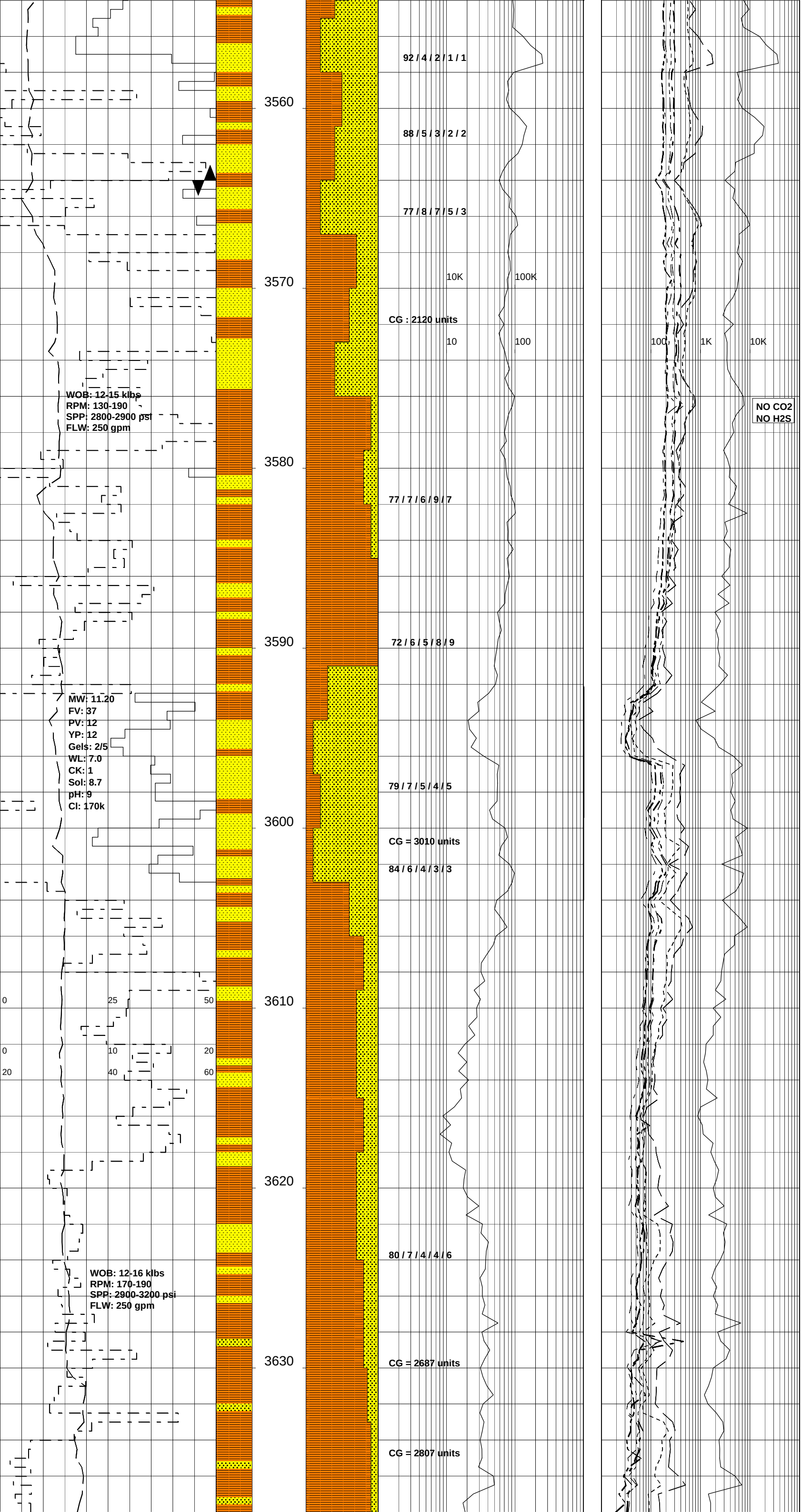
NO CO2
NO H2S

WOB: 6-11 klbs
RPM: 130-190
SPP: 2800-2900 psi
FLW: 250 gpm

CG : 3259 units

SILTY CLAYSTONE:med-dr brn,med-dk gry,tr carb spks,micmic,occ f alt feld,sft-mod hd,occ hd,sbfiss.

3550



SANDSTONE:off wh,f,occ med,pr srt, occ mod srt,sbang-sbrnd,str sil cmt, tr-com off wh sil mtx,tr carb spks, tr lt brn liths,hd,v-pr inf por,no fluor

Bit 10: REED DSX111
Size: 6" Jets: 4x20,3x10
In: 3564m Out: 3700m
Run: 136m Hrs: 81.27
Cond: 2-3-WT-A-X-I-BN-TD

SILTY CLAYSTONE:dk gry,occ dk grn,arg,occ micmic,tr-com lt brn liths, tr-com carb spks,mod hd occ fm, sbfiss, occ sbblky.

SANDSTONE:off wh,pl gry i/p,vf-f, mod wl srt,sbang,com mod strg sil cmt,abdt pl gry/off wh arg mtx,tr lt brn liths & carb spks,fri,rr lse grs,pr vis & inf por,no fluor.

SILTY CLAYSTONE:med-dk brn,dom med brn,occ lt gry,aren i/p, grd to SLTST,comm shale frag, tr liths,tr carbspks,mod hd, occ v hd,sbfiss.

KAOLINITIC SANDY CLAYSTONE:off wh,mod calc,comm-abdt vf-f qtz grns,tr blk coaly lams,frm,non fiss,v pr inf por.

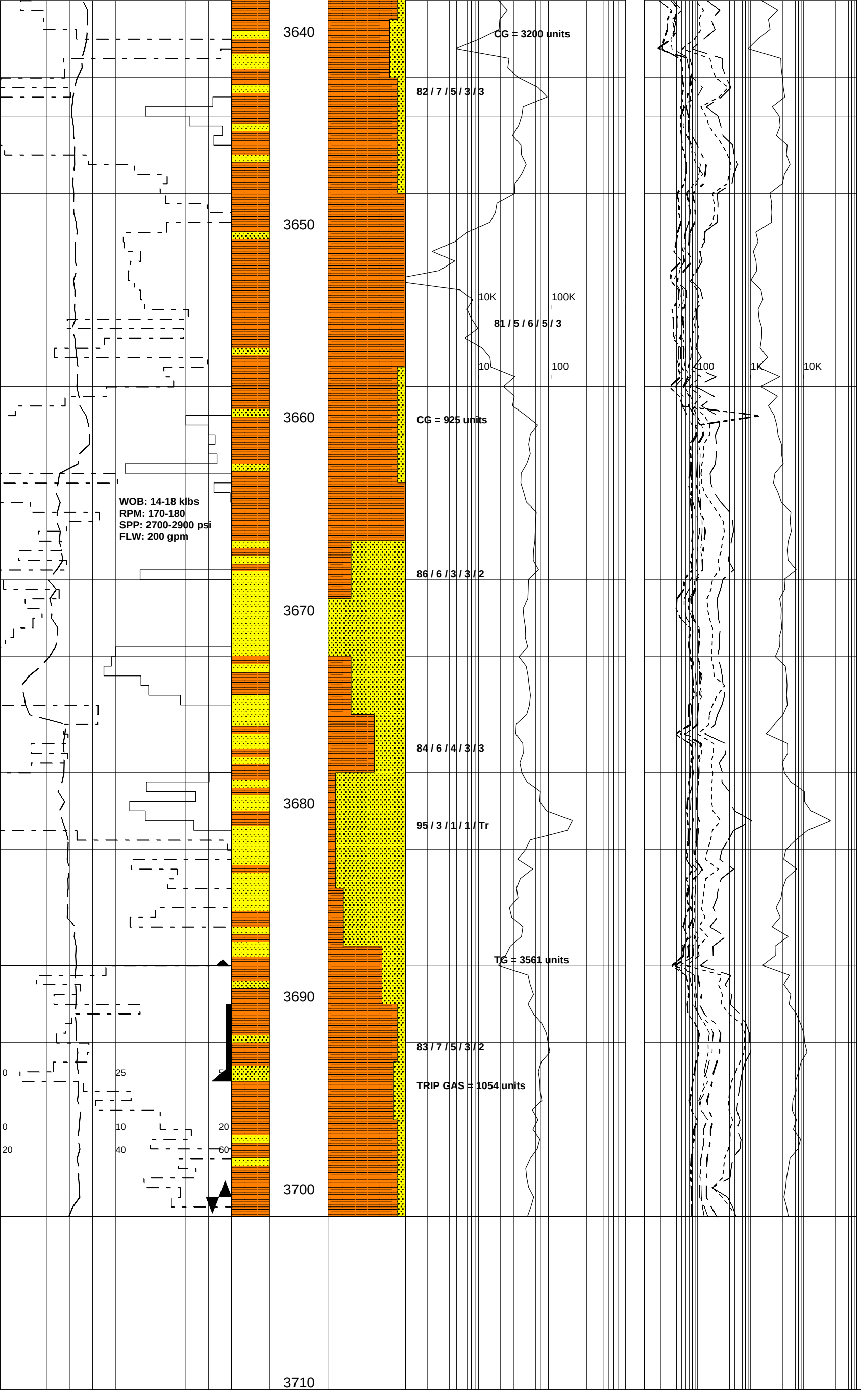
KAOLINITIC SANDSTONE:off wh,mod calc,abdt vf-f qtz grns disp through wh kaol clay mtx,comm blk coaly,lams,mod hd,v pr intergranular fluor.

FLUORESCENCE:THE KAOLINITE HAS 50% VERY DULL PATCHY MEDIUM OIL FLUOR,GIVING A WEAK DULL PALE YELLOW CRUSH CUT.

SANDSTONE:off wh,pl gry,lt brn i/p,vf-f,mod wl srt,sbang,mnr mod strg sil cmt,com pl gry/brn arg mtx,tr carb spks & lt brn liths, fri,occ lse,v pr vis & inf por,no fluor.

SILTY CLAYSTONE:med-dk brn/gry, mnr dk gry,aren i/p,occ micmic,mnr carb spks,tr off wh liths,mod hd-hd, sbblky.

SANDSTONE:med dk gry,dk gy,tr pl gry,lt gy,vf-crs grs,pr srt,sbang -sbrnd,arg mtx,tr sli calc cmt,tr carb spks,tr liths,tr micmic,pr vis & inf por,no fluor.



SILTY CLAYSTONE:dk-v dk gry,dk gry/brn,occ med brn,aren i/p,mnr micmic,occ-com carb incl,tr off wh liths,frm-mod hd,occ hd-v hd, sbblky-sbfiss.

SANDSTONE:med lt gry,med gy,pl gry trnsp-trnsl,vf-med grs,pr srt,sbang -sbrnd,arg mtx,tr sli calc cmt,tr carb spks,occ micmic,pr vis por,no fluor.

KAOLANITIC SANDSTONE:off wh, pl gry,vf-f,occ med-crs lse grs,sbang, mnr mod wk sil cmt,abdt off wh kaol mtx,tr brn liths & carb spks,fri-lse, v pr vis & pr inf por,no fluor.

SILTY CLAYSTONE:dk gry,blk,dk brn,occ med brn,lt gry,aren i/p,com carb mat,mnr micmic,calc i/p,mod hd, occ hd-v hd,tr frm,sbblky-blky, occ sbfiss.

24 STD WIPER TRIP @ 3688m
TO SHOE @ 2999m

Bit 10 RR: REED DSX111
Size: 6" Jets: 4x20,3x10
In: 3700m Out: 3701m
Run: 1m Hrs: 1.14 hrs
Cond: 2-3-WT-A-X-I-BN-TD

4.5" LINER SHOE
SET @ 3694m

GLENAIRE-1ST1 REACHED TD
@ 14:30 HRS ON 25-10-2006

DRILLER'S DEPTH: 3701m
LOGGER'S DEPTH: 3704m

LOGGING RUNS:
RUN #1: FMS-GR
RUN #2: BHC-PEX
RUN #3: DLT