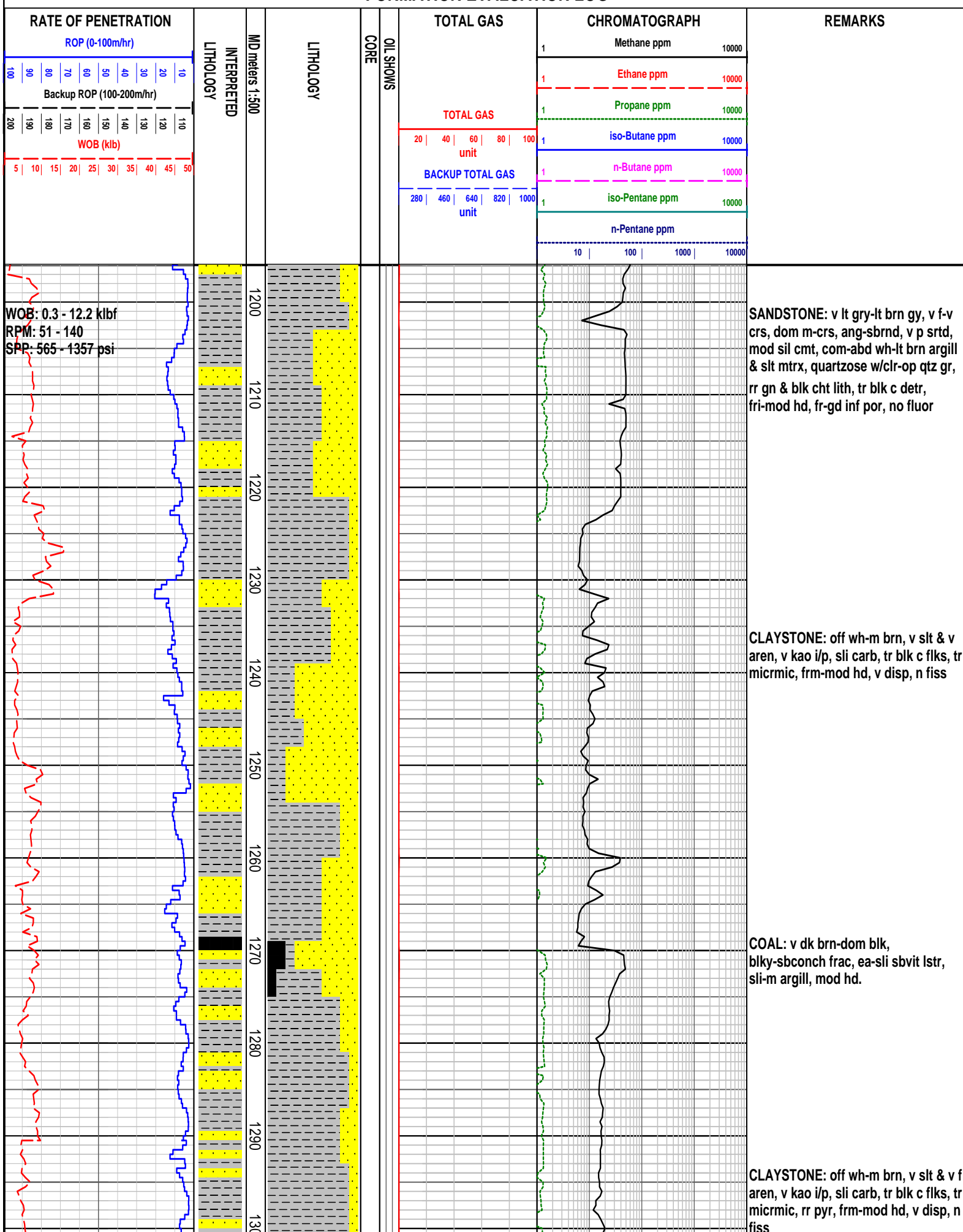




FORMATION EVALUATION LOG

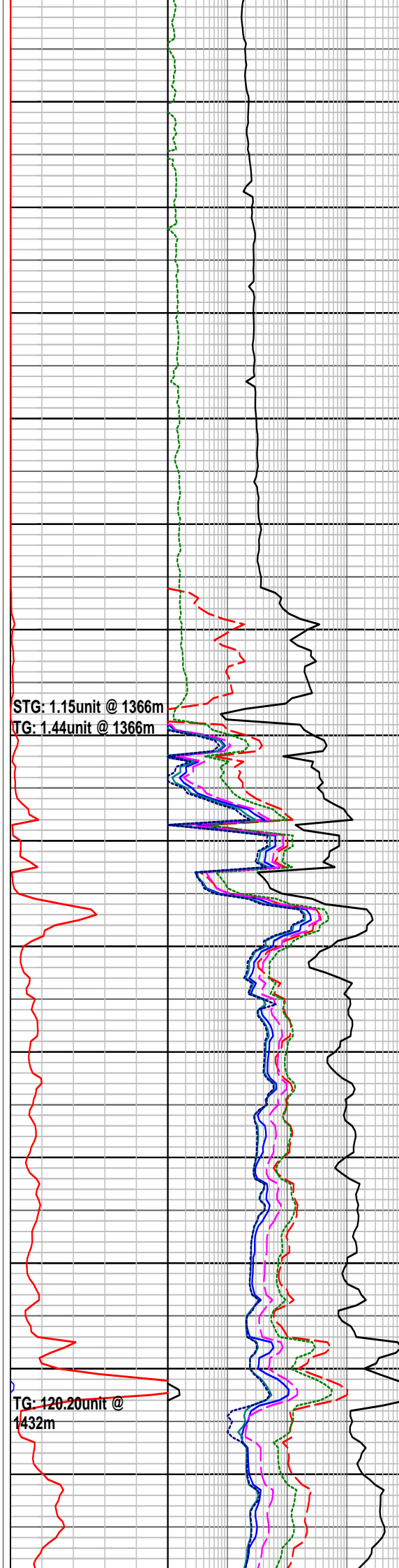
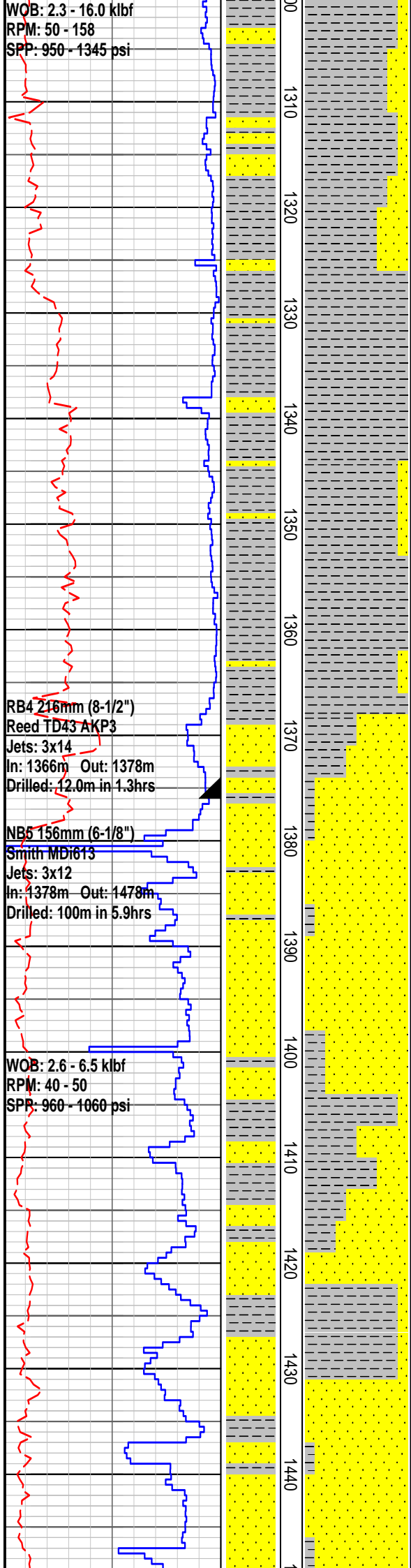


WOB: 2.3 - 16.0 klbf
RPM: 50 - 158
SPP: 950 - 1345 psi

RB4 216mm (8-1/2")
Reed TD43 AKP3
Jets: 3x14
In: 1366m Out: 1378m
Drilled: 12.0m in 1.3hrs

NB5 156mm (6-1/8")
Smith MDi613
Jets: 3x12
In: 1378m Out: 1478m
Drilled: 100m in 5.9hrs

WOB: 2.6 - 6.5 klbf
RPM: 40 - 50
SPP: 960 - 1060 psi



STG: 1.15unit @ 1366m
TG: 1.44unit @ 1366m

TG: 120.20unit @ 1432m

SANDSTONE: v lt gry-lt brn gy, v f-gt, dom m, ang-sbrnd, v p srted, mod sil cmt, abd off wh-lt brn argill & slt mtrx, quartzose w/clr-op qtz gr, rr gn & blk cht lith, tr blk c detr, tr pyr, mod hd, fr inf por, no fluor

CLAYSTONE: off wh-m brn, dom lt brn, v slt & v f aren, v kao i/p, sli carb, tr blk c flks, tr micrmic, tr pyr, mod hd, v disp, sli sbfiss

Survey at 1354m
N60degSE
1.5 degs

CLAYSTONE: off wh-m gn gry-m brn gry, mod slty, tr vf off wh alt fspr gr, tr brn-blk carb spks, tr micrmic, sft, v disp, sli sbfiss

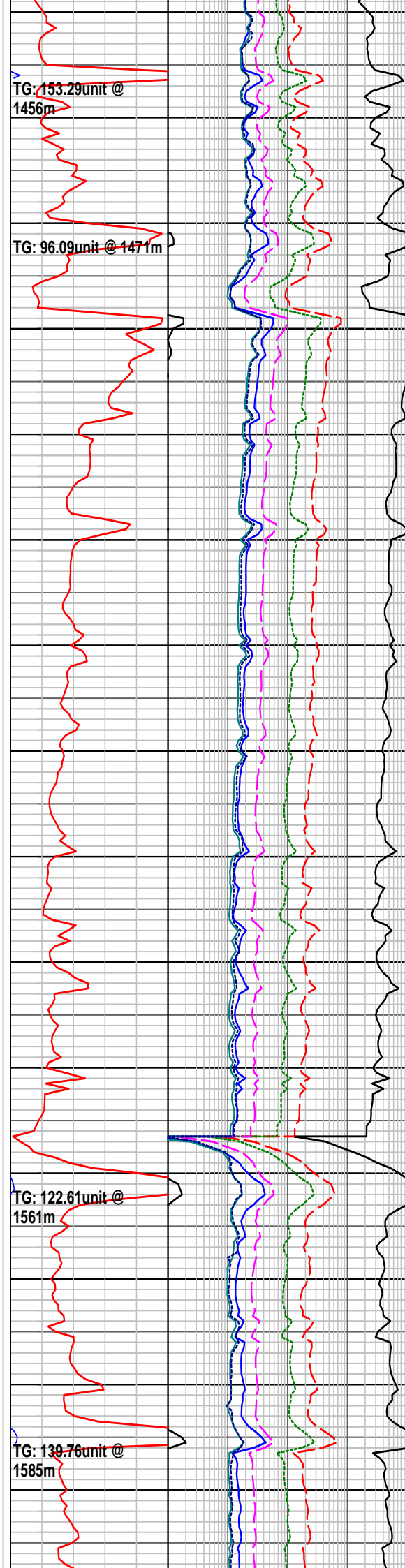
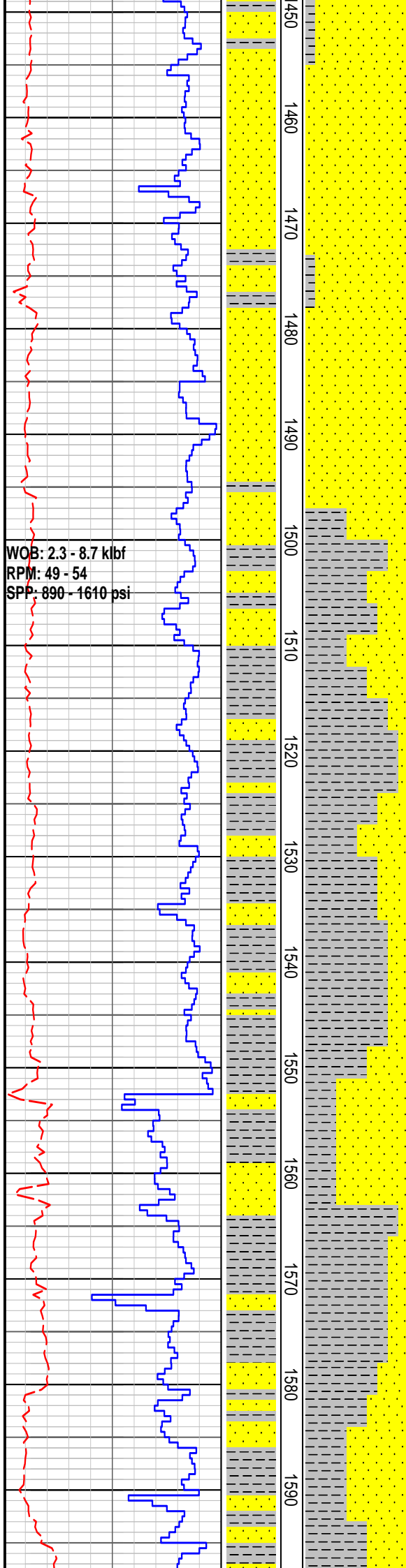
Run#1 HALS - BHC - PEX
1361 - 299m
GR to Surface

178mm (7") casing shoe
at 1376mMD

SANDSTONE: lt gry, vf-f, occ m, dom f, sbang-sbrnd, mod srted, wk sil cmt, abd off wh argill & mtrx, abd alt fspr gr, com rd brn gry & gn, lith, tr qtz gr, tr c brn mic flk, tr v f blk carb detr, tr pyr, fri, v p vis por, no fluor

Formation L.O.T. @ 1382m
MW: 9.8ppg EMW: 13.1ppg

CLAYSTONE: off wh-m gn gry-m gry, occ m brn gry, mod slty, tr v f off wh alt fspr gr, tr brn-blk carb spks, tr micrmic, frm, v disp, sli sbfiss



SANDSTONE: lt gry-lt gn gry, v f-rr m, dom f, dom f, sbang-sbrnd, mod srtd, mod sil cmt, wk calc cmt i/p, abd off wh argill mtrx, abd alt fspr gr & rd brn gry & gn lith, 10% qtz gr, tr crs brn mic flks, tr v f blk carb detr, tr pyr, fri, v p vis por, no fluor

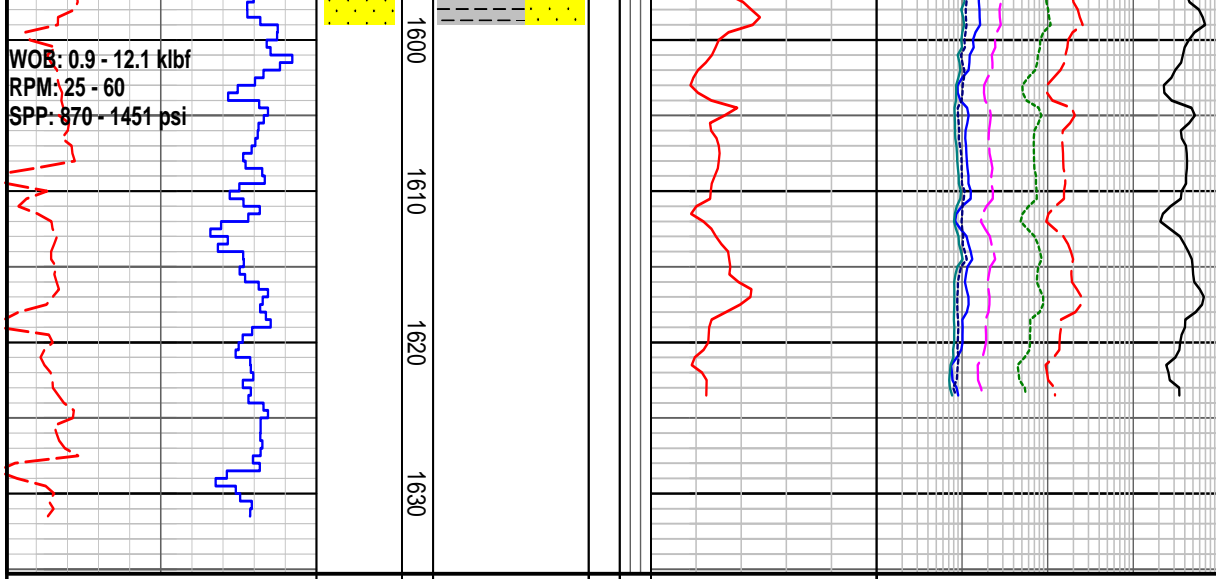
DST #1 1376m - 1478m

SANDSTONE: lt gn gry, v f-occ m, dom f, sbang-sbrnd, mod srtd, mod sil cmt, wk calc cmt i/p, abd off wh argill mtrx, abd alt fspr gr & rd brn gry & gn lith, 10% qtz gr, tr crs brn mic flks, tr v f blk carb detr, rr pyr, fria, v p vis por, no fluor

CLAYSTONE: lt-m brn gry-m gry-occ m gn gry, v slty i/p grdg to argill SLTST, v f aren i/p, tr v f off wh alt fspr gr, tr-com brn-blk carb spks, tr micrmic, frm, v disp, sli sbfiss

SANDSTONE: lt gn gry, v f-f, dom f, sbang-sbrnd, mod srtd, mod sil cmt, wk calc cmt i/p, abd off wh argill mtrx, abd alt fspr gr & rd brn gry & gn lith, com qtz gr, tr crs brn mic flks, tr v f blk carb detr, tr calc lined frac, fria, no vis por, no fluor

CLAYSTONE: lt-m gn gry-m gry-m brn gry, mod-v slty grdg to argill SLTST i/p, v f aren i/p, tr v f off wh alt fspr gr, tr-com brn-blk carb spks & c detr, tr micrmic, frm, v disp, sl



FORMATION EVALUATION LOG

RATE OF PENETRATION											LITHOLOGY	LITHOLOGY	CORE	OIL SHOWS	TOTAL GAS	CHROMATOGRAPH				REMARKS
ROP (0-100m/hr)																Methane ppm				
Backup ROP (100-200m/hr)																Ethane ppm				
WOB (klb)																Propane ppm				
100	90	80	70	60	50	40	30	20	10	110						1	10000			
200	190	180	170	160	150	140	130	120								1	10000			
5	10	15	20	25	30	35	40	45	50							1	10000			
																iso-Butane ppm				
																n-Butane ppm				
																iso-Pentane ppm				
																n-Pentane ppm				
																10 100 1000 10000				