CONFIDENTIAL

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name:	Tracy Trust 3-2		
Location:	T7N R4W NW 1/4 SW 1/4 Sec. 2		
License Number:	API # 11-075-20011	Region:	USA
Spud Date:	August 7, 2010	Drilling Completed:	August 14, 2010
Surface Coordinates:	NW SW sec 2, T7N R4W N43-58-22.720, W116-47-19.085		
Bottom Hole Coordinates:	N43-58-22.720, W116-47-19.085		

Ground Elevation (ft):	2246'	K.B. Elevation (ft):	2263'
Logged Interval (ft):	60' To: 2815'	Total Depth (ft):	
Formation:			
Type of Drilling Fluid:	Synthetic Oil Based Mud		

Printed by STRIP.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Bridge Energy Inc.
Address: Bridge Resources Corp.
1580 Lincoln Street, Suite 1110
Denver, Colorado 80203

Comments

Company Man: Ron Richards
Tool Pusher: Steve Edwards
Contractor: Story Services Inc.
Rig: Razorback

ROCK TYPES

Anhy	Ss ltblu	shly sltst rdbrn	Tuff blugy
Bent	Ss	shly sltst ltgy	Tuff tan
Cht	Carbshdkgy	shly sltst gy	Tuff medgy
Coal	Carbsh	shly sltst brn	Tuff ltgy
Congl	Shale sndy	sltst ltgy	Tuff ltgrn
Vertfrac	Sh rdbrn	sltst ltbrn	clyst tan
Ls crm	Sh medgy	Sltst	clyst rdbrn
Ls ltgy	Sh ltgy	sltst olive	clyst ltgrn
Lmst	Sh ltblu	sltst turq	clyst blgy
Mrlst	Sh grn	Sltst blugy	clyst ltgy
Sltst	Sh brn	NO SMPL nosmpl	
Dol	Shale	Fault	
Ss crs	shly sltst tan	Csgpt	

ACCESSORIES

MINERAL
- Ls crm
- Vertfrac
- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Qtz or calct xls
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

FOSSIL
- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

STRINGER
- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls ltbrn
- Ls
- Mrst
- Clystrg gy
- Clystrg ltgy
- Slty cly strg gy
- Sltstrg gy
- Sltstrg ltgy
- Sltstrg
- Ssstrg

TEXTURE
- BS Boundst
- C Chalky
- CX Cryxln
- E Earthy
- FX Finexln
- GS Grainst
- L Lithogr
- MX Microxln
- MS Mudst
- PS Packst
- WS Wackest

OTHER SYMBOLS

POROSITY
- E Earthy
- Fenest
- F Fracture
- Inter
- Moldic
- Organic
- P Pinpoint
- V Vuggy

SORTING
- W Well
- M Moderate
- P Poor

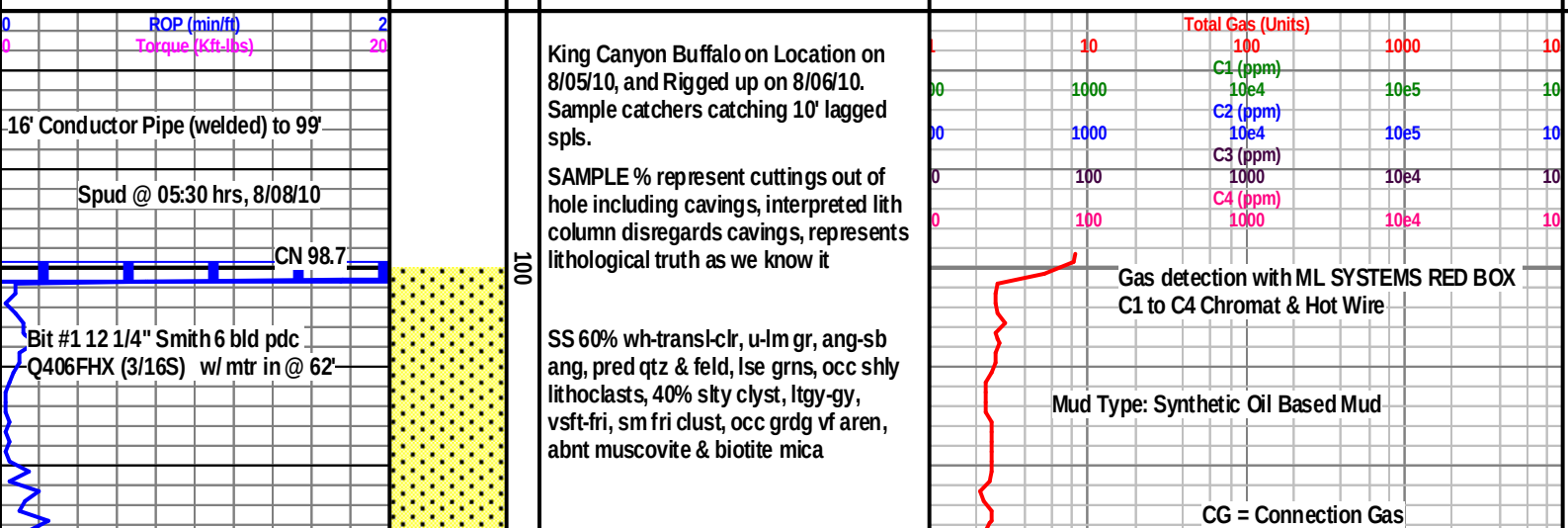
ROUNDING
- R Rounded
- r Subrnd
- a Subang
- A Angular

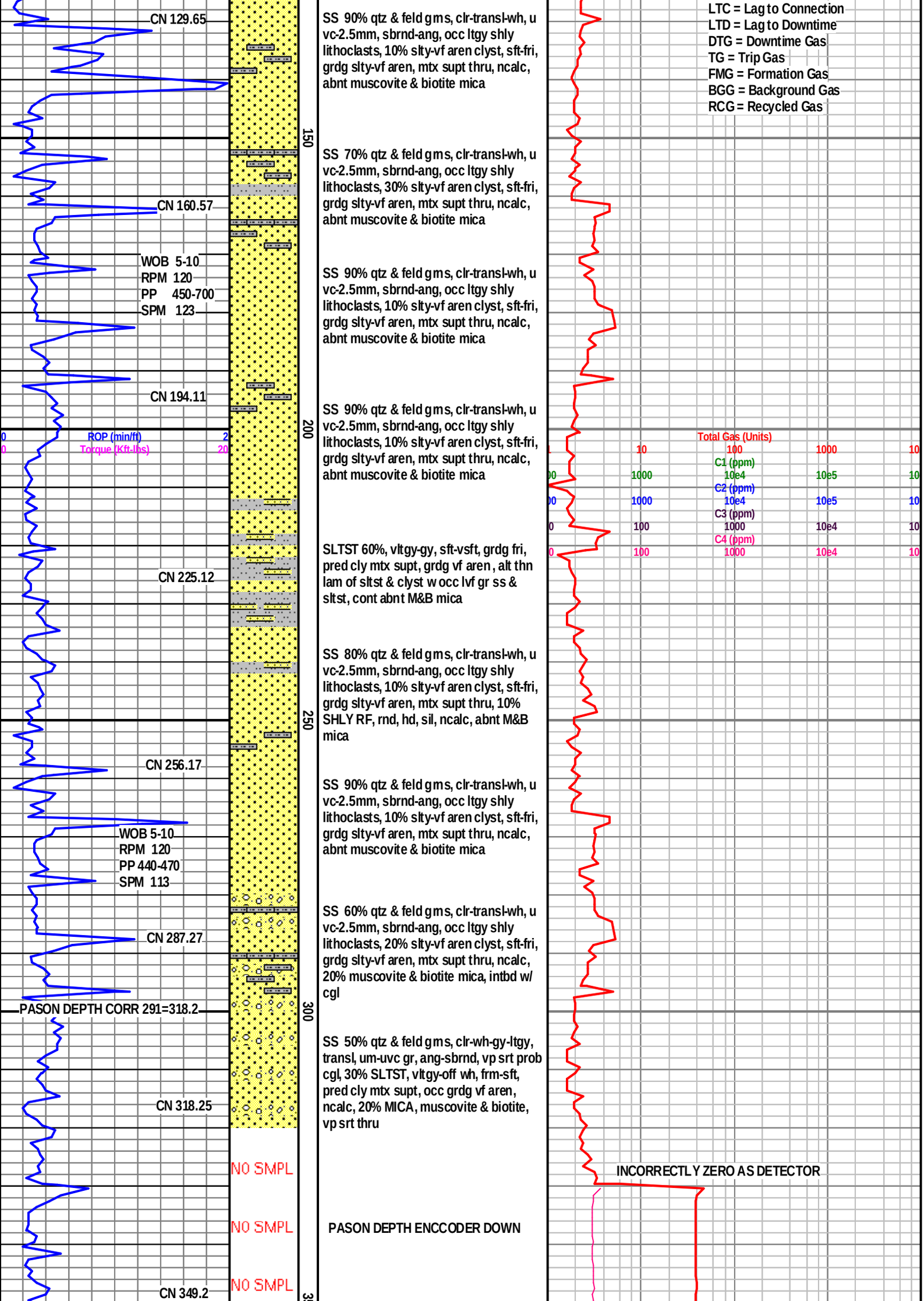
OIL SHOW
- Even
- Spotted
- Ques
- D Dead

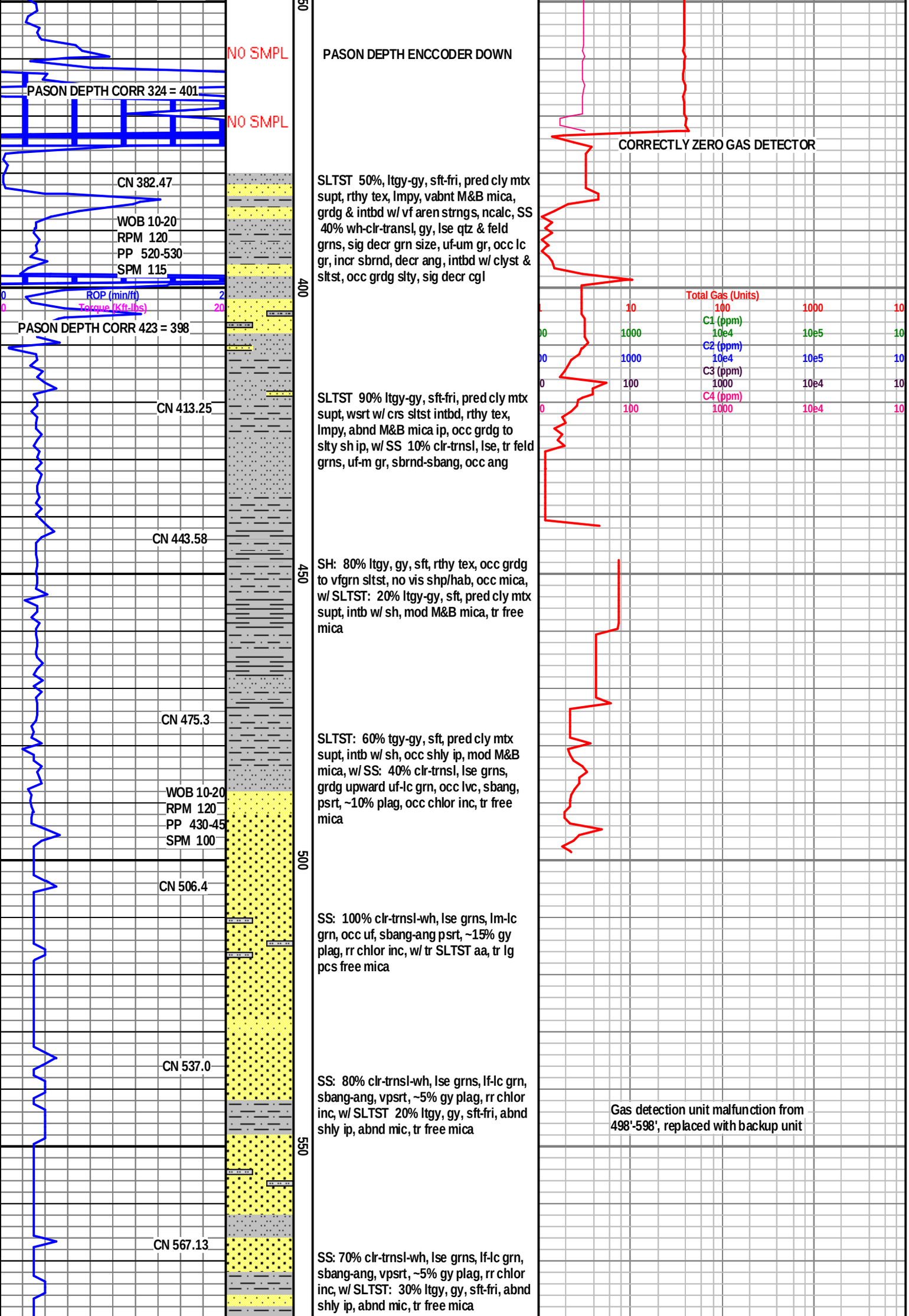
INTERVAL
- Core
- Dst
- Casing

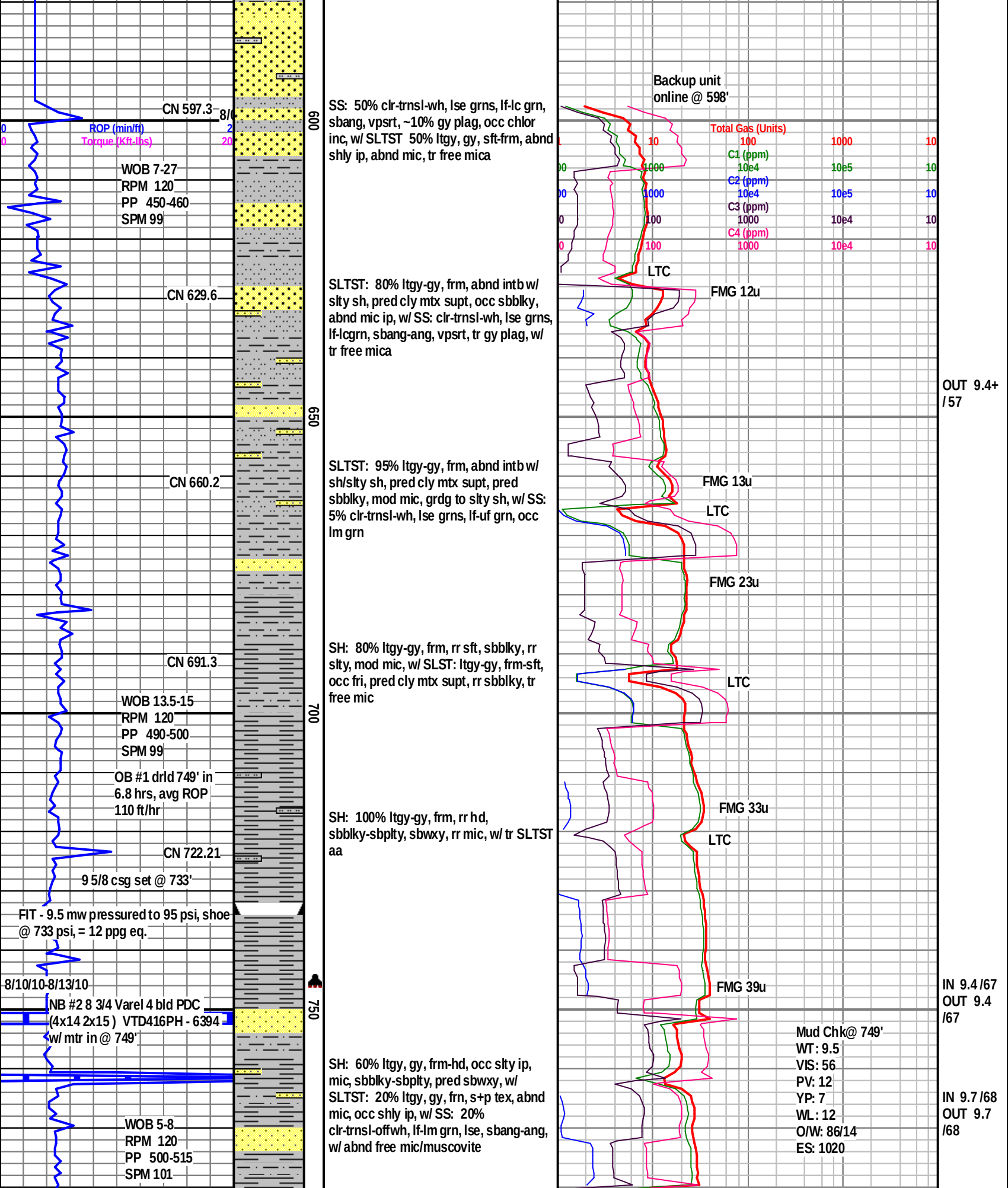
EVENT
- New bit
- Rft
- Sidewall
- Csg pnt

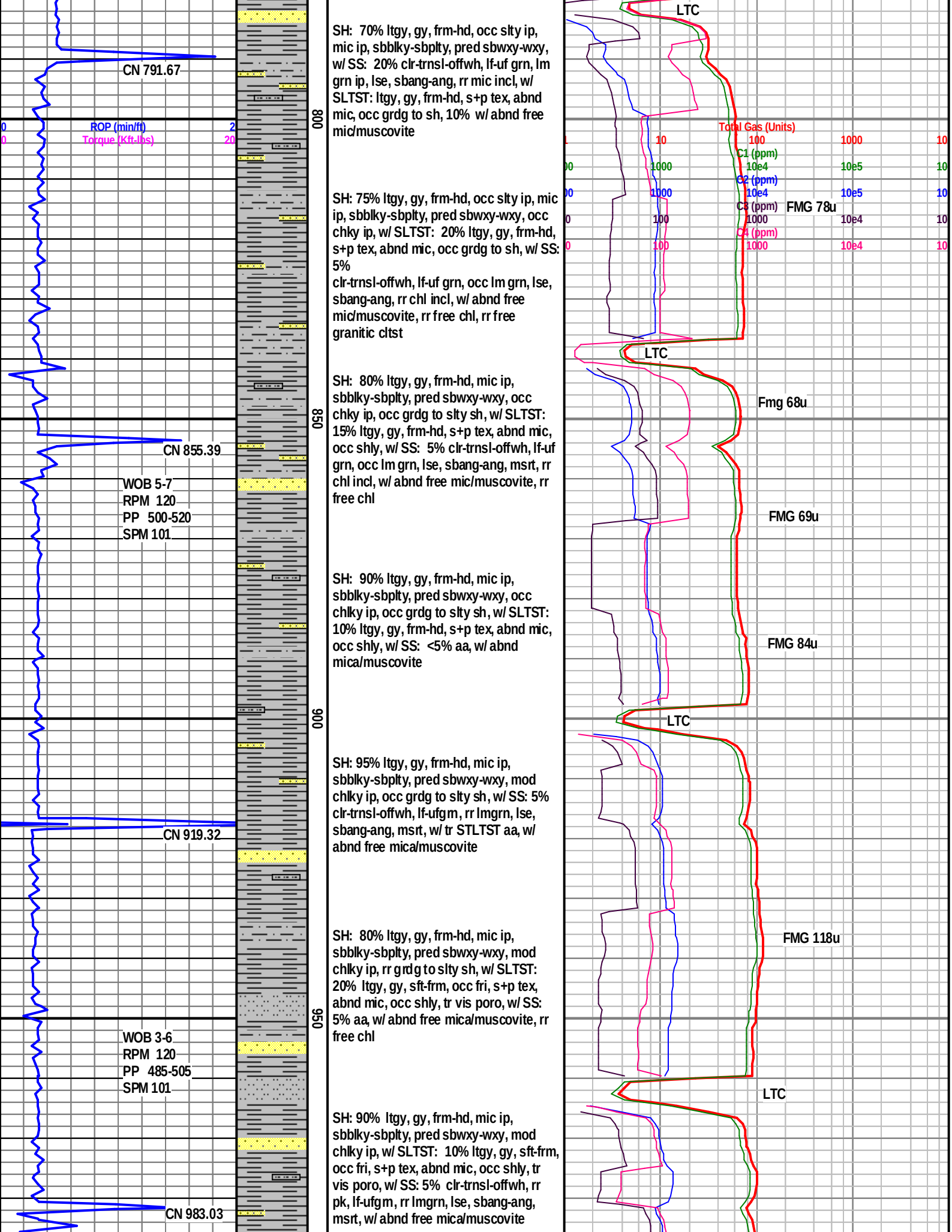
ROP (mpf)	Interp Lithology	Depth	Geological Descriptions	Total Gas	Mud Weight
ROP (min/ft) ——— Torque (Kft-lbs) - — — -				Total Gas (Units) C1 (ppm) C2 (ppm) C3 (ppm) C4 (ppm)	

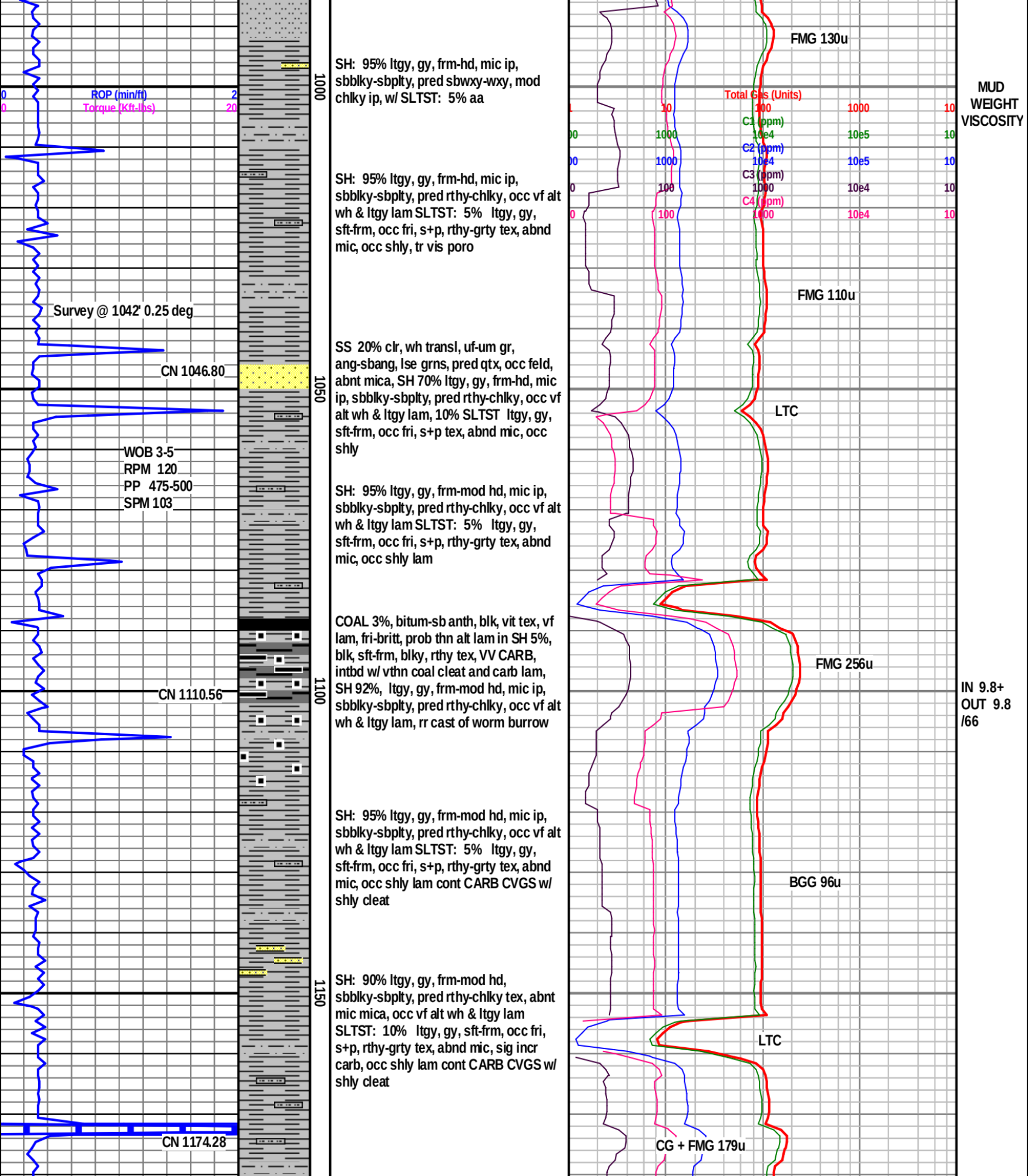


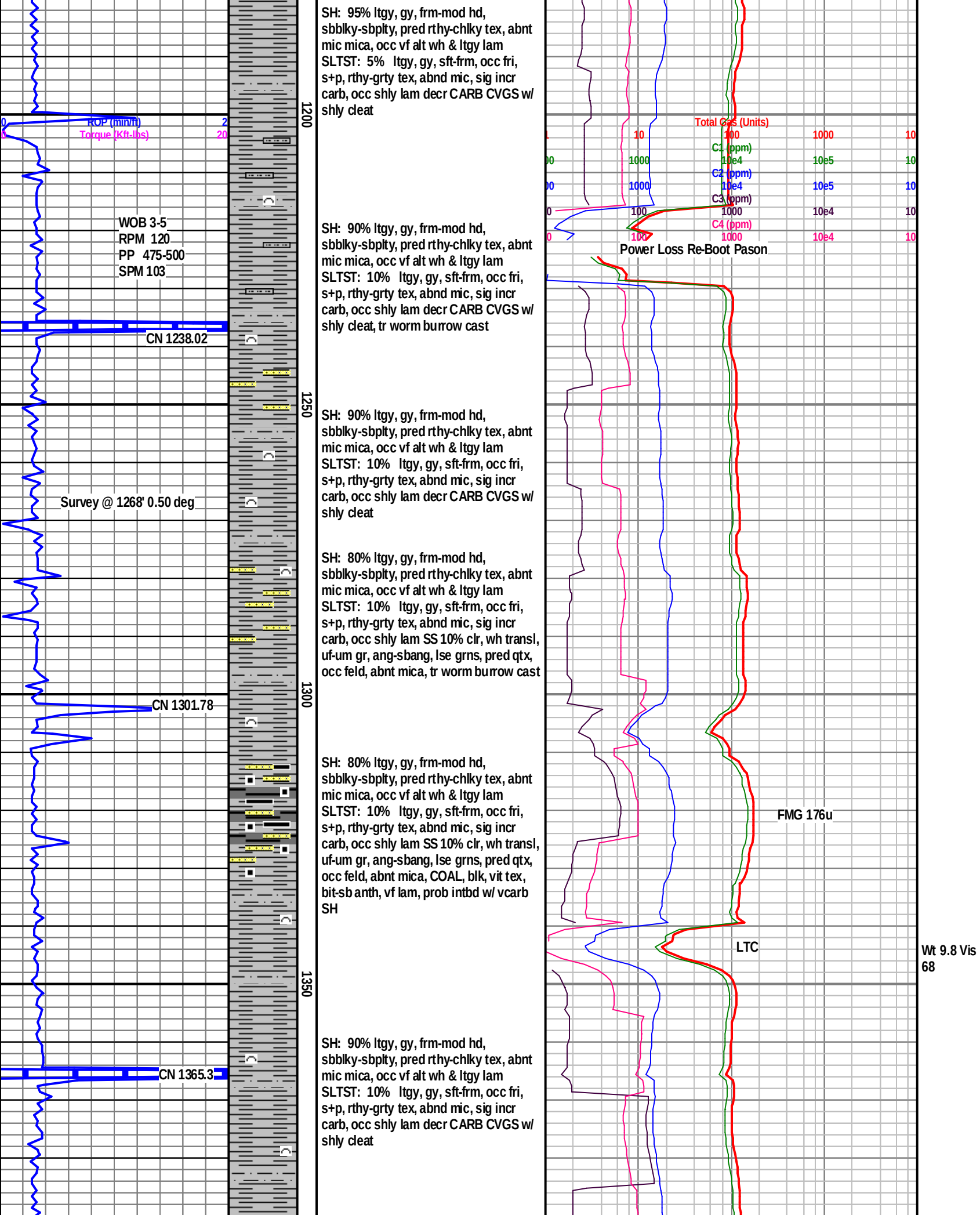

LTC = Lag to Connection
LTD = Lag to Downtime
DTG = Downtime Gas
TG = Trip Gas
FMG = Formation Gas
BGG = Background Gas
RCG = Recycled Gas
CN 129.65
SS 90% qtz & feld gms, clr-transl-wh, u vc-2.5mm, sbrnd-ang, occ ltgy shly lithoclasts, 10% slty-vf aren clyst, sft-fri, grdg slty-vf aren, mtx supt thru, ncalc, abnt muscovite & biotite mica
150
SS 70% qtz & feld gms, clr-transl-wh, u vc-2.5mm, sbrnd-ang, occ ltgy shly lithoclasts, 30% slty-vf aren clyst, sft-fri, grdg slty-vf aren, mtx supt thru, ncalc, abnt muscovite & biotite mica
CN 160.57
WOB 5-10
RPM 120
PP 450-700
SPM 123
SS 90% qtz & feld gms, clr-transl-wh, u vc-2.5mm, sbrnd-ang, occ ltgy shly lithoclasts, 10% slty-vf aren clyst, sft-fri, grdg slty-vf aren, mtx supt thru, ncalc, abnt muscovite & biotite mica
CN 194.11
200
ROP (min/ft)
Torque (Kft-lbs)
Total Gas (Units)
C1 (ppm)
C2 (ppm)
C3 (ppm)
C4 (ppm)
SS 90% qtz & feld gms, clr-transl-wh, u vc-2.5mm, sbrnd-ang, occ ltgy shly lithoclasts, 10% slty-vf aren clyst, sft-fri, grdg slty-vf aren, mtx supt thru, ncalc, abnt muscovite & biotite mica
SLTST 60%, vltgy-gy, sft-vsft, grdg fri, pred cly mtx supt, grdg vf aren , alt thn lam of sltst & clyst w occ lvf gr ss & sltst, cont abnt M&B mica
CN 225.12
SS 80% qtz & feld gms, clr-transl-wh, u vc-2.5mm, sbrnd-ang, occ ltgy shly lithoclasts, 10% slty-vf aren clyst, sft-fri, grdg slty-vf aren, mtx supt thru, 10% SHLY RF, rnd, hd, sil, ncalc, abnt M&B mica
250
CN 256.17
SS 90% qtz & feld gms, clr-transl-wh, u vc-2.5mm, sbrnd-ang, occ ltgy shly lithoclasts, 10% slty-vf aren clyst, sft-fri, grdg slty-vf aren, mtx supt thru, ncalc, abnt muscovite & biotite mica
WOB 5-10
RPM 120
PP 440-470
SPM 113
SS 60% qtz & feld gms, clr-transl-wh, u vc-2.5mm, sbrnd-ang, occ ltgy shly lithoclasts, 20% slty-vf aren clyst, sft-fri, grdg slty-vf aren, mtx supt thru, ncalc, 20% muscovite & biotite mica, intbd w/ cgl
CN 287.27
OUT 9.1 / 63
PASON DEPTH CORR 291=318.2
300
SS 50% qtz & feld gms, clr-wh-gy-ltgy, transl, um-uvc gr, ang-sbrnd, vp srt prob cgl, 30% SLTST, vltgy-off wh, frm-sft, pred cly mtx supt, occ grdg vf aren, ncalc, 20% MICA, muscovite & biotite, vp srt thru
CN 318.25
OUT 9.0 / 58
NO SMPL
INCORRECTLY ZERO AS DETECTOR
NO SMPL
PASON DEPTH ENCCODER DOWN
NO SMPL
CN 349.2

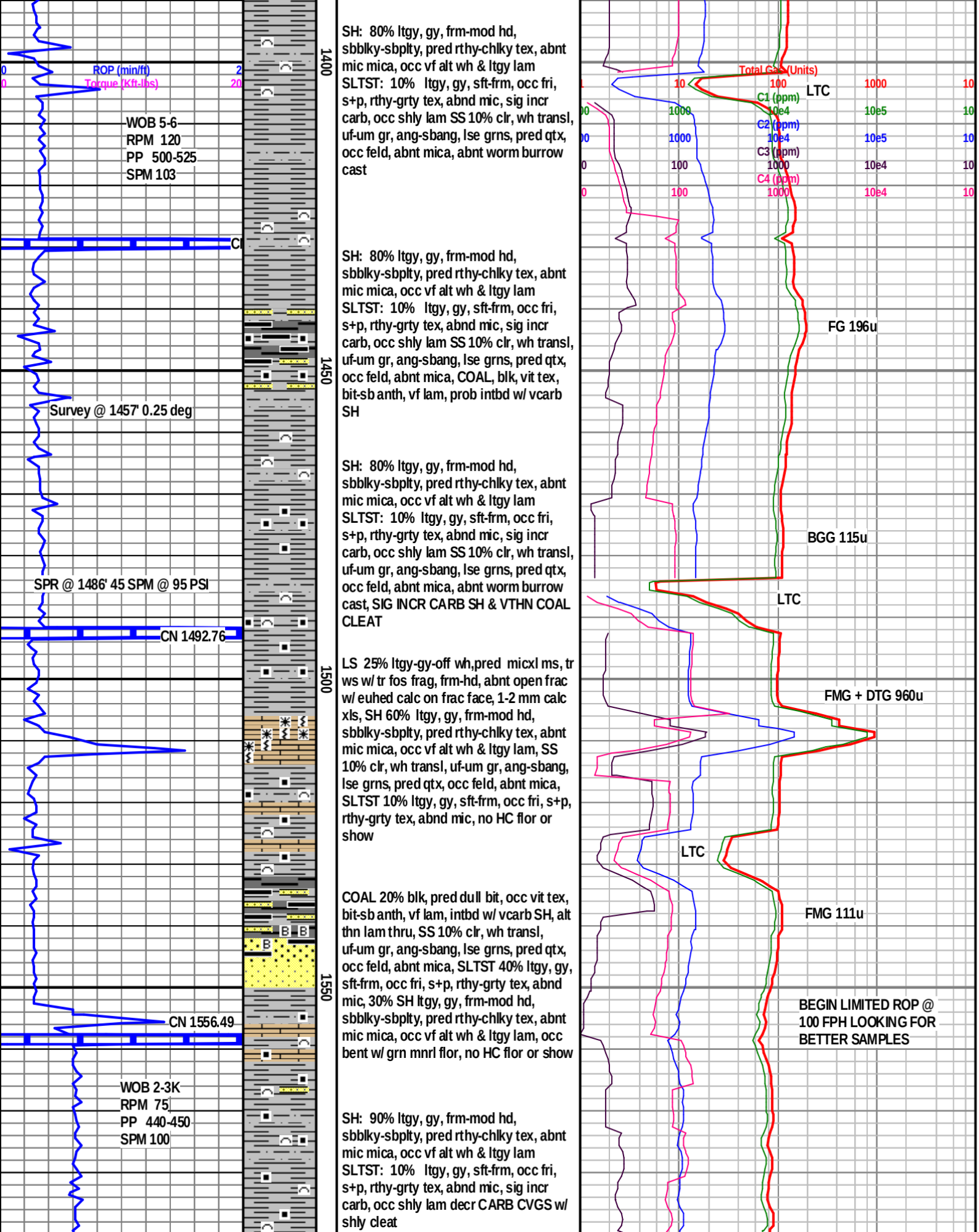

NO SMPL
PASON DEPTH ENCCODER DOWN
PASON DEPTH CORR 324 = 401
NO SMPL
CORRECTLY ZERO GAS DETECTOR
IN 9.1/60
OUT 9.1 / 60
CN 382.47
SLTST 50%, ltgy-gy, sft-fri, pred cly mtx supt, rthy tex, lmpy, vabnt M&B mica, grdg & intbd w/ vf aren strngs, ncalc, SS 40% wh-clr-transl, gy, lse qtz & feld grns, sig decr grn size, uf-um gr, occ lc gr, incr sbrnd, decr ang, intbd w/ clyst & sltst, occ grdg slty, sig decr cgl
WOB 10-20
RPM 120
PP 520-530
SPM 115
ROP (min/ft)
Torque (Kft-lbs)
Total Gas (Units)
C1 (ppm)
C2 (ppm)
C3 (ppm)
C4 (ppm)
PASON DEPTH CORR 423 = 398
IN 9.1+ / 59
OUT 9.1+ / 60
CN 413.25
SLTST 90% ltgy-gy, sft-fri, pred cly mtx supt, wsrt w/ crs sltst intbd, rthy tex, lmpy, abnd M&B mica ip, occ grdg to slty sh ip, w/ SS 10% clr-trnsl, lse, tr feld grns, uf-m gr, sbrnd-sbang, occ ang
CN 443.58
SH: 80% ltgy, gy, sft, rthy tex, occ grdg to vfgrn sltst, no vis shp/hab, occ mica, w/ SLTST: 20% ltgy-gy, sft, pred cly mtx supt, intb w/ sh, mod M&B mica, tr free mica
OUT 9.2+ / 55
CN 475.3
SLTST: 60% tgy-gy, sft, pred cly mtx supt, intb w/ sh, occ shly ip, mod M&B mica, w/ SS: 40% clr-trnsl, lse grns, grdg upward uf-lc grn, occ lvc, sbang, psrt, ~10% plag, occ chlor inc, tr free mica
WOB 10-20
RPM 120
PP 430-45
SPM 100
MUD WEIGHT
VISCOSITY
CN 506.4
SS: 100% clr-trnsl-wh, lse grns, lm-lc grn, occ uf, sbang-ang psrt, ~15% gy plag, rr chlor inc, w/ tr SLTST aa, tr lg pcs free mica
IN 9.3+ / 56
OUT 9.3 / 56
CN 537.0
SS: 80% clr-trnsl-wh, lse grns, lf-lc grn, sbang-ang, vpsrt, ~5% gy plag, rr chlor inc, w/ SLTST 20% ltgy, gy, sft-fri, abnd shly ip, abnd mic, tr free mica
Gas detection unit malfunction from 498'-598', replaced with backup unit
CN 567.13
SS: 70% clr-trnsl-wh, lse grns, lf-lc grn, sbang-ang, vpsrt, ~5% gy plag, rr chlor inc, w/ SLTST: 30% ltgy, gy, sft-fri, abnd shly ip, abnd mic, tr free mica
400
450
500
550

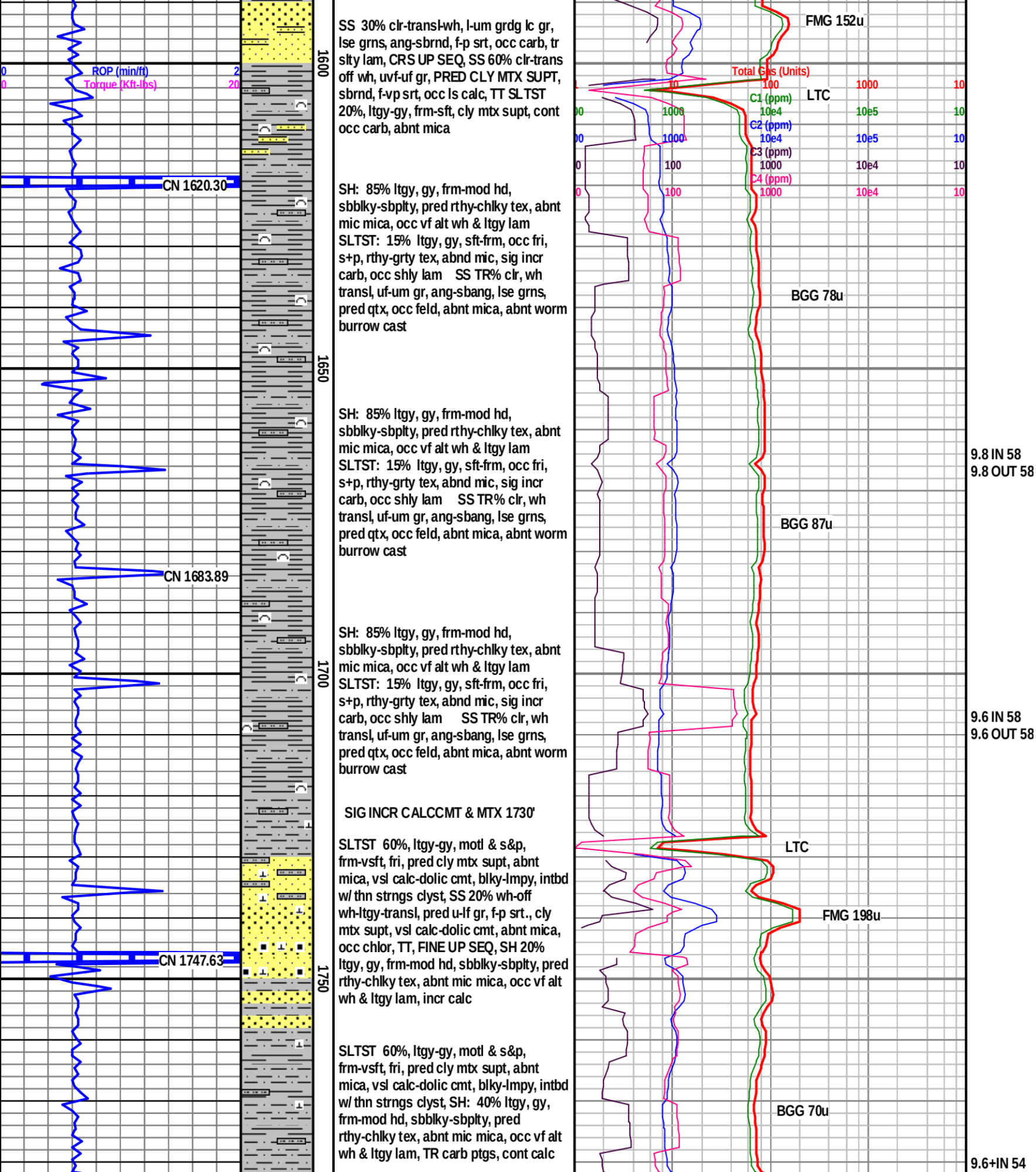

CN 597.3
ROP (min/ft)
Torque (Kft-lbs)
WOB 7-27
RPM 120
PP 450-460
SPM 99
CN 629.6
CN 660.2
CN 691.3
WOB 13.5-15
RPM 120
PP 490-500
SPM 99
OB #1 drld 749' in 6.8 hrs, avg ROP 110 ft/hr
CN 722.21
9 5/8 csg set @ 733'
FIT - 9.5 mw pressured to 95 psi, shoe @ 733 psi, = 12 ppg eq.
8/10/10-8/13/10
NB #2 8 3/4 Varel 4 bld PDC (4x14 2x15) VTD416PH - 6394 w/ mtr in @ 749'
WOB 5-8
RPM 120
PP 500-515
SPM 101
600
650
700
750
SS: 50% clr-trnsl-wh, lse grns, lf-lc grn, sbang, vpsrt, ~10% gy plag, occ chlor inc, w/ SLTST 50% ltgy, gy, sft-frm, abnd shly ip, abnd mic, tr free mica
SLTST: 80% ltgy-gy, frm, abnd intb w/ slty sh, pred cly mtx supt, occ sbblky, abnd mic ip, w/ SS: clr-trnsl-wh, lse grns, lf-lcgrn, sbang-ang, vpsrt, tr gy plag, w/ tr free mica
SLTST: 95% ltgy-gy, frm, abnd intb w/ sh/slty sh, pred cly mtx supt, pred sbblky, mod mic, grdg to slty sh, w/ SS: 5% clr-trnsl-wh, lse grns, lf-uf grn, occ lm grn
SH: 80% ltgy-gy, frm, rr sft, sbblky, rr slty, mod mic, w/ SLST: ltgy-gy, frm-sft, occ fri, pred cly mtx supt, rr sbblky, tr free mic
SH: 100% ltgy-gy, frm, rr hd, sbblky-sbplty, sbwxy, rr mic, w/ tr SLTST aa
SH: 60% ltgy, gy, frm-hd, occ slty ip, mic, sbblky-sbplty, pred sbwxy, w/ SLTST: 20% ltgy, gy, frn, s+p tex, abnd mic, occ shly ip, w/ SS: 20% clr-trnsl-offwh, lf-lm grn, lse, sbang-ang, w/ abnd free mic/muscovite
Backup unit online @ 598'
Total Gas (Units)
C1 (ppm)
C2 (ppm)
C3 (ppm)
C4 (ppm)
LTC
FMG 12u
FMG 13u
LTC
FMG 23u
LTC
FMG 33u
LTC
FMG 39u
Mud Chk@ 749'
WT: 9.5
VIS: 56
PV: 12
YP: 7
WL: 12
O/W: 86/14
ES: 1020
OUT 9.4+ /57
IN 9.4 /67
OUT 9.4 /67
IN 9.7 /68
OUT 9.7 /68

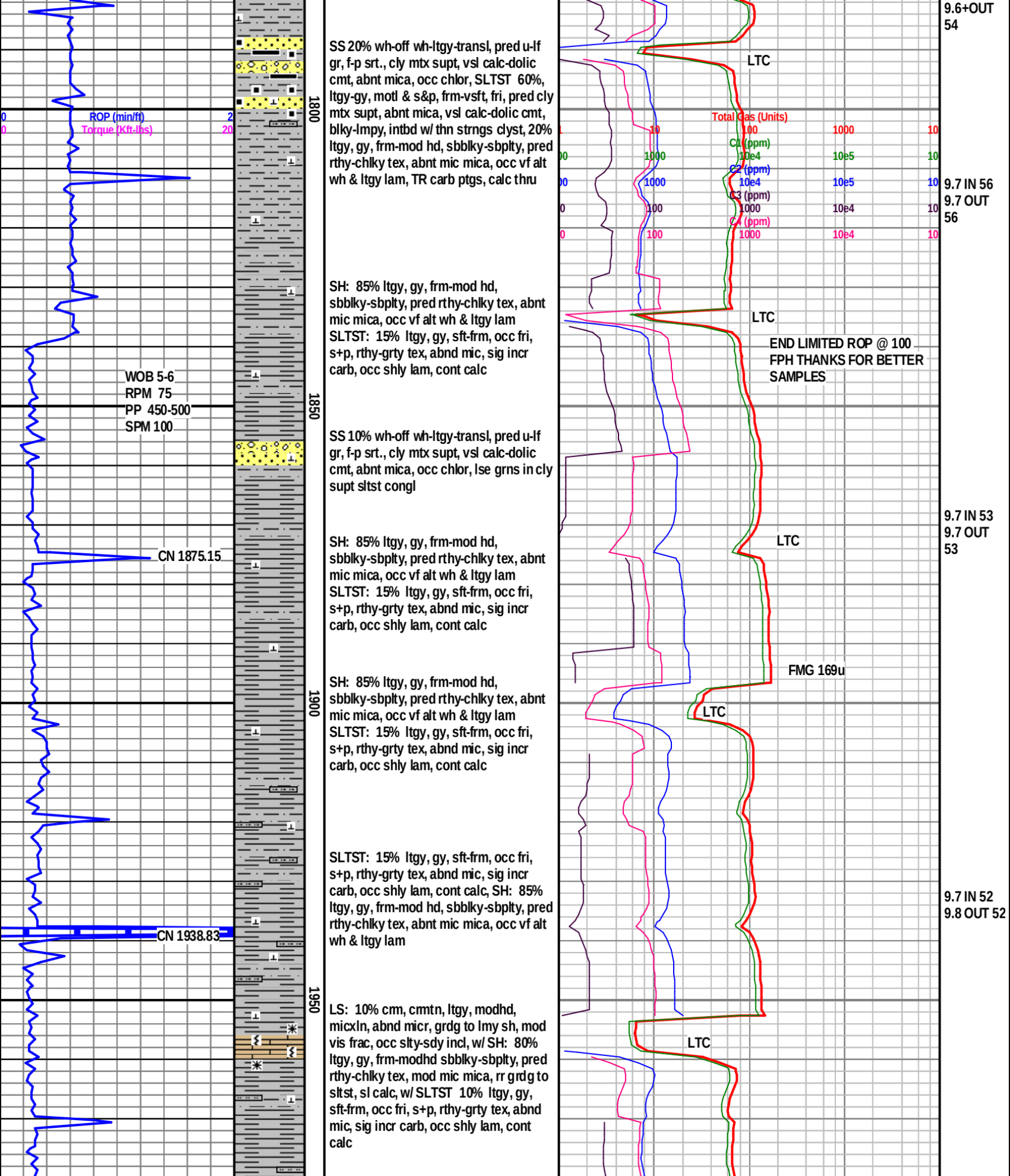

CN 791.67
ROP (min/ft)
Torque (Kft-lbs)
800
CN 855.39
WOB 5-7
RPM 120
PP 500-520
SPM 101
850
CN 919.32
900
WOB 3-6
RPM 120
PP 485-505
SPM 101
950
CN 983.03
SH: 70% ltgy, gy, frm-hd, occ slty ip, mic ip, sbblky-sbplty, pred sbwxy-wxy, w/ SS: 20% clr-trnsl-offwh, lf-uf grn, lm grn ip, lse, sbang-ang, rr mic incl, w/ SLTST: ltgy, gy, frm-hd, s+p tex, abnd mic, occ grdg to sh, 10% w/ abnd free mic/muscovite
SH: 75% ltgy, gy, frm-hd, occ slty ip, mic ip, sbblky-sbplty, pred sbwxy-wxy, occ chky ip, w/ SLTST: 20% ltgy, gy, frm-hd, s+p tex, abnd mic, occ grdg to sh, w/ SS: 5% clr-trnsl-offwh, lf-uf grn, occ lm grn, lse, sbang-ang, rr chl incl, w/ abnd free mic/muscovite, rr free chl, rr free granitic cltst
SH: 80% ltgy, gy, frm-hd, mic ip, sbblky-sbplty, pred sbwxy-wxy, occ chky ip, occ grdg to slty sh, w/ SLTST: 15% ltgy, gy, frm-hd, s+p tex, abnd mic, occ shly, w/ SS: 5% clr-trnsl-offwh, lf-uf grn, occ lm grn, lse, sbang-ang, msrt, rr chl incl, w/ abnd free mic/muscovite, rr free chl
SH: 90% ltgy, gy, frm-hd, mic ip, sbblky-sbplty, pred sbwxy-wxy, occ chlky ip, occ grdg to slty sh, w/ SLTST: 10% ltgy, gy, frm-hd, s+p tex, abnd mic, occ shly, w/ SS: <5% aa, w/ abnd mica/muscovite
SH: 95% ltgy, gy, frm-hd, mic ip, sbblky-sbplty, pred sbwxy-wxy, mod chlky ip, occ grdg to slty sh, w/ SS: 5% clr-trnsl-offwh, lf-ufgm, rr lmgrn, lse, sbang-ang, msrt, w/ tr STLTST aa, w/ abnd free mica/muscovite
SH: 80% ltgy, gy, frm-hd, mic ip, sbblky-sbplty, pred sbwxy-wxy, mod chlky ip, rr grdg to slty sh, w/ SLTST: 20% ltgy, gy, sft-frm, occ fri, s+p tex, abnd mic, occ shly, tr vis poro, w/ SS: 5% aa, w/ abnd free mica/muscovite, rr free chl
SH: 90% ltgy, gy, frm-hd, mic ip, sbblky-sbplty, pred sbwxy-wxy, mod chlky ip, w/ SLTST: 10% ltgy, gy, sft-frm, occ fri, s+p tex, abnd mic, occ shly, tr vis poro, w/ SS: 5% clr-trnsl-offwh, rr pk, lf-ufgm, rr lmgrn, lse, sbang-ang, msrt, w/ abnd free mica/muscovite
LTC
Total Gas (Units)
C1 (ppm)
C2 (ppm)
C3 (ppm)
C4 (ppm)
FMG 78u
Fmg 68u
FMG 69u
FMG 84u
FMG 118u
IN 9.6/68
OUT
9.8/68
IN 9.7+ /68
OUT 9.6

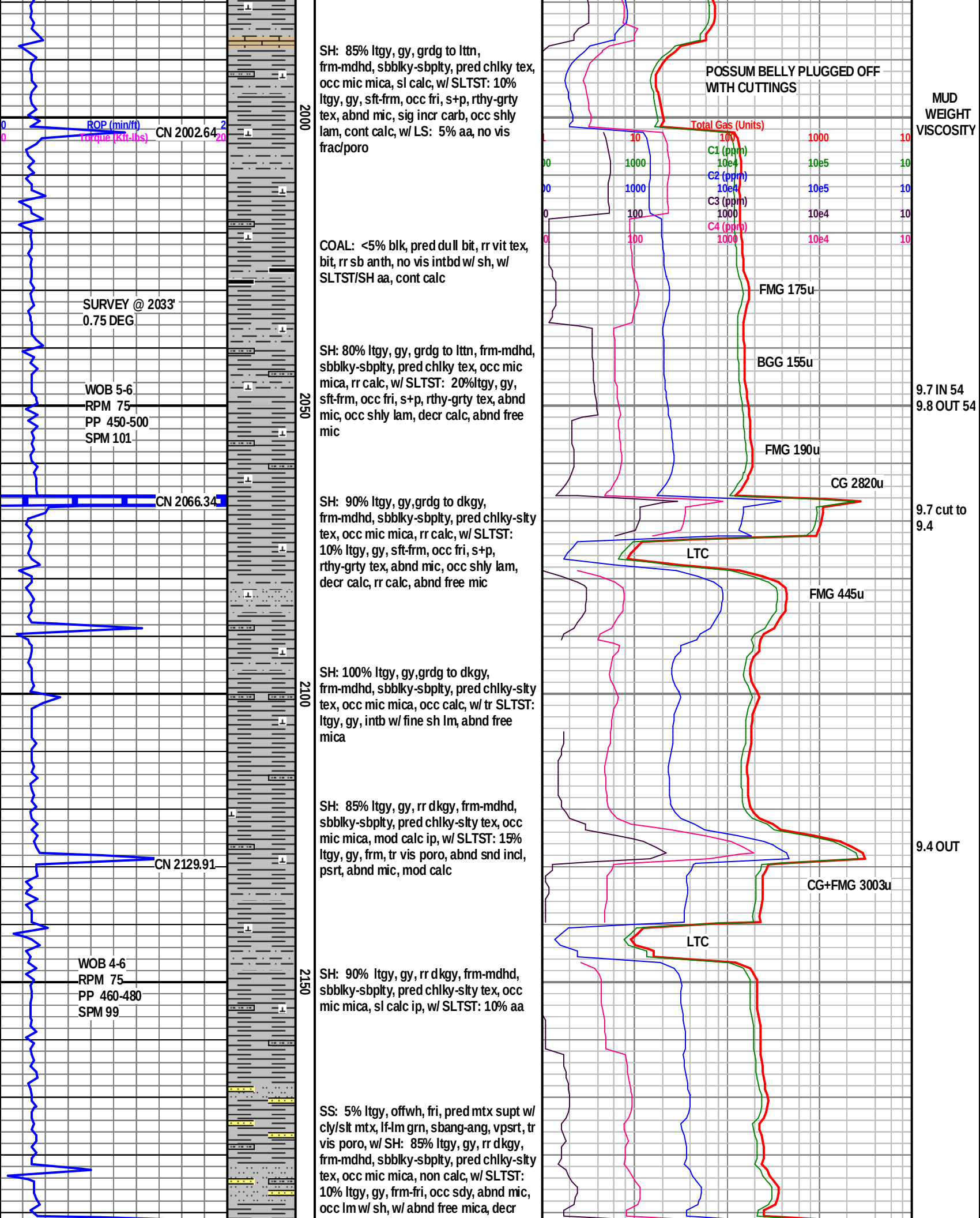

ROP (min/ft)
Torque (Kft-lbs)
Survey @ 1042' 0.25 deg
CN 1046.80
WOB 3-5
RPM 120
PP 475-500
SPM 103
CN 1110.56
CN 1174.28
1000
1050
1100
1150
SH: 95% ltgy, gy, frm-hd, mic ip, sbblky-sbplty, pred sbwxy-wxy, mod chlky ip, w/ SLTST: 5% aa
SH: 95% ltgy, gy, frm-hd, mic ip, sbblky-sbplty, pred rthy-chlky, occ vf alt wh & ltgy lam SLTST: 5% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, occ shly, tr vis poro
SS 20% clr, wh transl, uf-um gr, ang-sbang, lse grns, pred qtx, occ feld, abnt mica, SH 70% ltgy, gy, frm-hd, mic ip, sbblky-sbplty, pred rthy-chlky, occ vf alt wh & ltgy lam, 10% SLTST ltgy, gy, sft-frm, occ fri, s+p tex, abnd mic, occ shly
SH: 95% ltgy, gy, frm-mod hd, mic ip, sbblky-sbplty, pred rthy-chlky, occ vf alt wh & ltgy lam SLTST: 5% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, occ shly lam
COAL 3%, bitum-sb anth, blk, vit tex, vf lam, fri-britt, prob thn alt lam in SH 5%, blk, sft-frm, blky, rthy tex, VV CARB, intbd w/ vthn coal cleat and carb lam, SH 92%, ltgy, gy, frm-mod hd, mic ip, sbblky-sbplty, pred rthy-chlky, occ vf alt wh & ltgy lam, rr cast of worm burrow
SH: 95% ltgy, gy, frm-mod hd, mic ip, sbblky-sbplty, pred rthy-chlky, occ vf alt wh & ltgy lam SLTST: 5% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, occ shly lam cont CARB CVGS w/ shly cleat
SH: 90% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 10% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam cont CARB CVGS w/ shly cleat
Total Gas (Units)
C1 (ppm)
C2 (ppm)
C3 (ppm)
C4 (ppm)
FMG 130u
FMG 110u
LTC
FMG 256u
BGG 96u
LTC
CG + FMG 179u
MUD WEIGHT VISCOSITY
IN 9.8+
OUT 9.8
/66

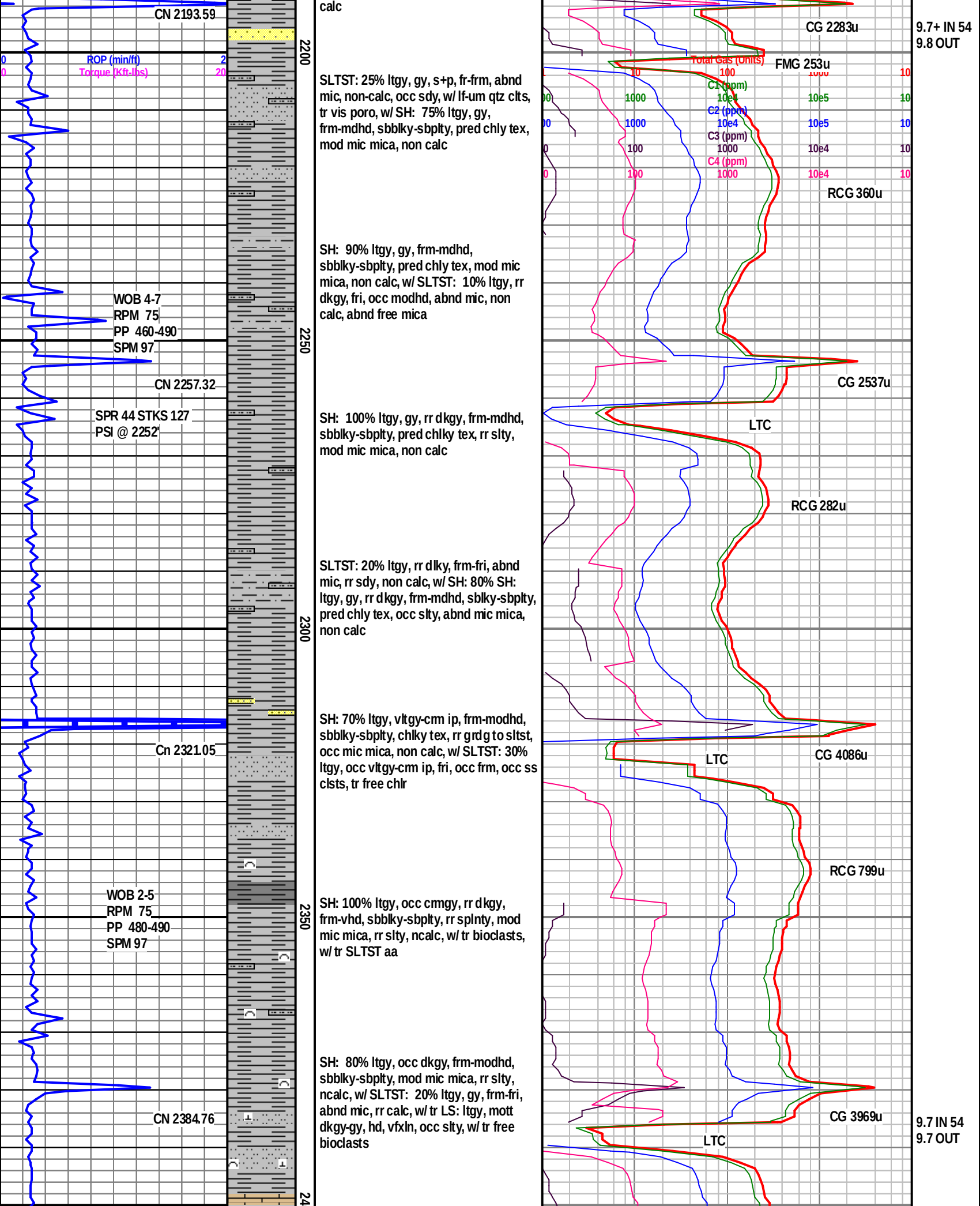

ROP (min/ft)
Torque (Kft-lbs)
WOB 3-5
RPM 120
PP 475-500
SPM 103
CN 1238.02
Survey @ 1268' 0.50 deg
CN 1301.78
CN 1365.3
1200
1250
1300
1350
SH: 95% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 5% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam decr CARB CVGS w/ shly cleat
SH: 90% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 10% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam decr CARB CVGS w/ shly cleat, tr worm burrow cast
SH: 90% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 10% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam decr CARB CVGS w/ shly cleat
SH: 80% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 10% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam SS 10% clr, wh transl, uf-um gr, ang-sbang, lse grns, pred qtx, occ feld, abnt mica, tr worm burrow cast
SH: 80% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 10% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam SS 10% clr, wh transl, uf-um gr, ang-sbang, lse grns, pred qtx, occ feld, abnt mica, COAL, blk, vit tex, bit-sb anth, vf lam, prob intbd w/ vcarb SH
SH: 90% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 10% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam decr CARB CVGS w/ shly cleat
Total Gas (Units)
C1 (ppm)
C2 (ppm)
C3 (ppm)
C4 (ppm)
Power Loss Re-Boot Pason
FMG 176u
LTC
Wt 9.8 Vis 68

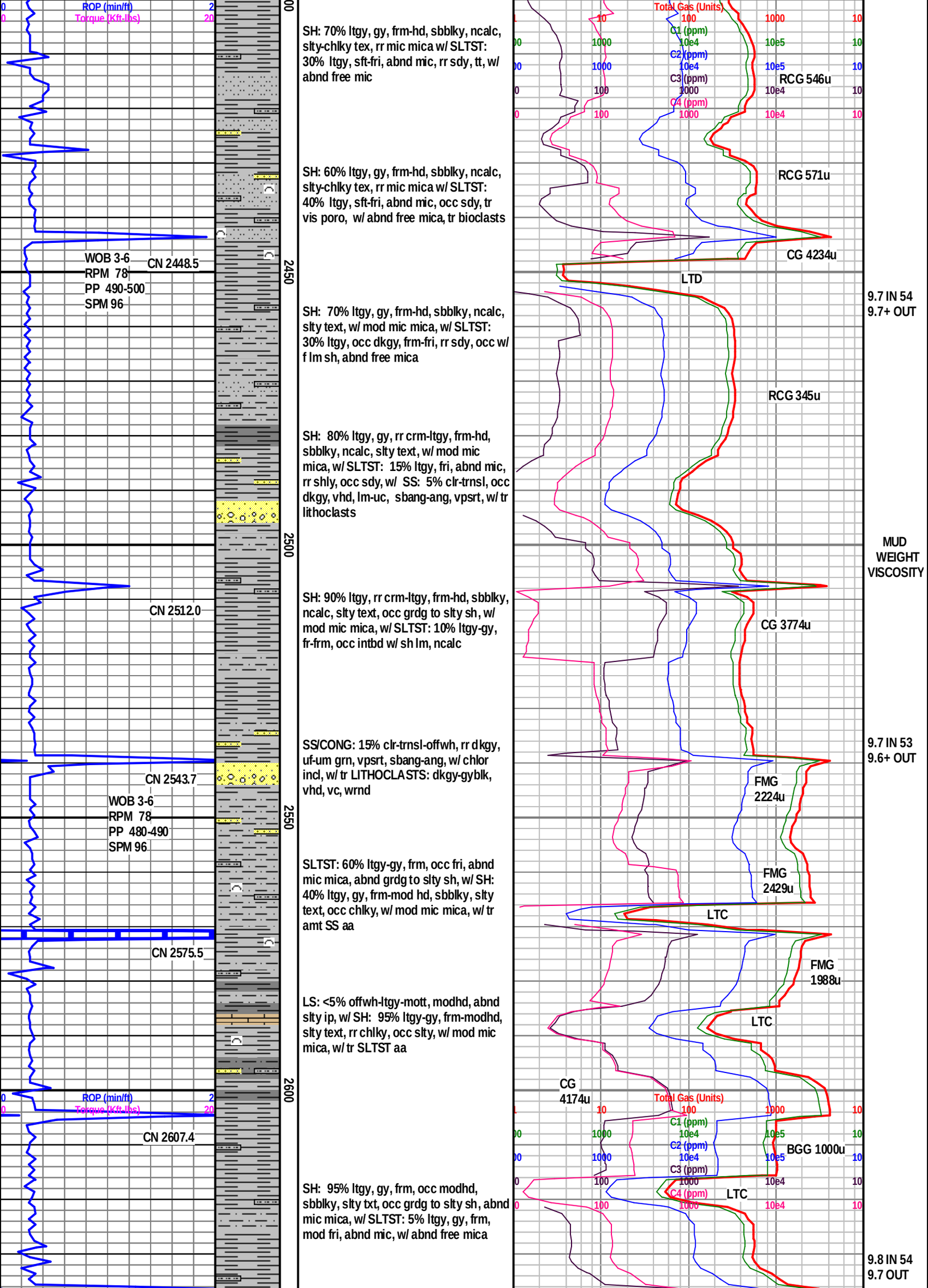

ROP (min/ft)
Torque (Kft-lbs)
WOB 5-6
RPM 120
PP 500-525
SPM 103
Survey @ 1457' 0.25 deg
SPR @ 1486' 45 SPM @ 95 PSI
CN 1492.76
CN 1556.49
WOB 2-3K
RPM 75
PP 440-450
SPM 100
1400
1450
1500
1550
SH: 80% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 10% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam SS 10% clr, wh transl, uf-um gr, ang-sbang, lse grns, pred qtx, occ feld, abnt mica, abnt worm burrow cast
SH: 80% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 10% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam SS 10% clr, wh transl, uf-um gr, ang-sbang, lse grns, pred qtx, occ feld, abnt mica, COAL, blk, vit tex, bit-sb anth, vf lam, prob intbd w/ vcarb SH
SH: 80% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 10% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam SS 10% clr, wh transl, uf-um gr, ang-sbang, lse grns, pred qtx, occ feld, abnt mica, abnt worm burrow cast, SIG INCR CARB SH & VTHN COAL CLEAT
LS 25% ltgy-gy-off wh,pred micxl ms, tr ws w/ tr fos frag, frm-hd, abnt open frac w/ euhed calc on frac face, 1-2 mm calc xls, SH 60% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam, SS 10% clr, wh transl, uf-um gr, ang-sbang, lse grns, pred qtx, occ feld, abnt mica, SLTST 10% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, no HC flor or show
COAL 20% blk, pred dull bit, occ vit tex, bit-sb anth, vf lam, intbd w/ vcarb SH, alt thn lam thru, SS 10% clr, wh transl, uf-um gr, ang-sbang, lse grns, pred qtx, occ feld, abnt mica, SLTST 40% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, 30% SH ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam, occ bent w/ grn mnrl flor, no HC flor or show
SH: 90% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 10% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam decr CARB CVGS w/ shly cleat
Total Gas (Units)
C1 (ppm)
C2 (ppm)
C3 (ppm)
C4 (ppm)
LTC
FG 196u
BGG 115u
LTC
FMG + DTG 960u
LTC
FMG 111u
BEGIN LIMITED ROP @ 100 FPH LOOKING FOR BETTER SAMPLES
MUD WEIGHT VISCOSITY
Wt IN 10.0 OUT 10.0
9.9 IN 68 9.6+ OUT 68

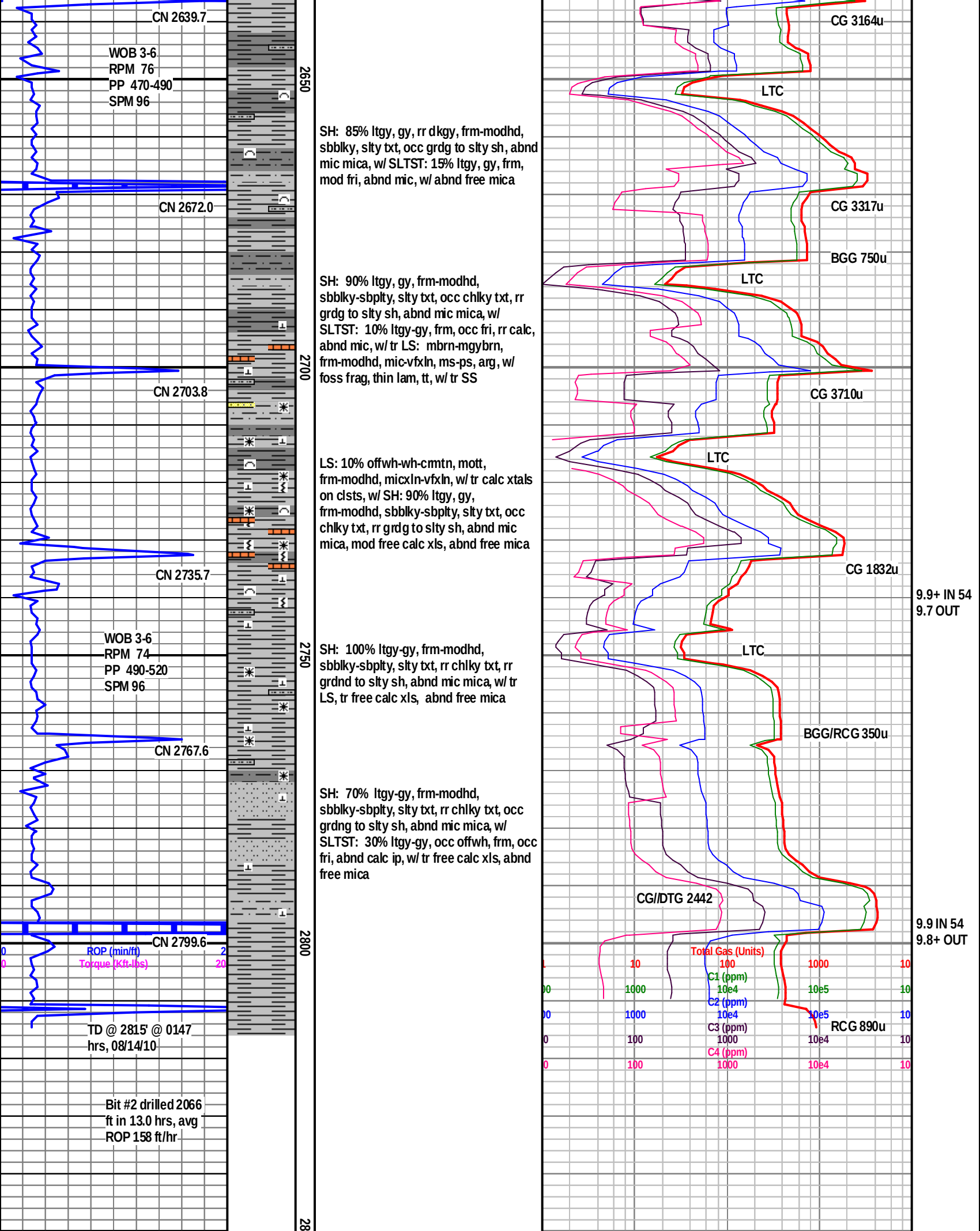

ROP (min/ft)
Torque (Kft-lbs)
CN 1620.30
CN 1683.89
CN 1747.63
1600
1650
1700
1750
SS 30% clr-transl-wh, l-um grdg lc gr, lse grns, ang-sbrnd, f-p srt, occ carb, tr slty lam, CRS UP SEQ, SS 60% clr-trans off wh, uvf-uf gr, PRED CLY MTX SUPT, sbrnd, f-vp srt, occ ls calc, TT SLTST 20%, ltgy-gy, frm-sft, cly mtx supt, cont occ carb, abnt mica
SH: 85% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 15% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam SS TR% clr, wh transl, uf-um gr, ang-sbang, lse grns, pred qtx, occ feld, abnt mica, abnt worm burrow cast
SH: 85% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 15% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam SS TR% clr, wh transl, uf-um gr, ang-sbang, lse grns, pred qtx, occ feld, abnt mica, abnt worm burrow cast
SH: 85% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 15% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam SS TR% clr, wh transl, uf-um gr, ang-sbang, lse grns, pred qtx, occ feld, abnt mica, abnt worm burrow cast
SIG INCR CALCCMT & MTX 1730'
SLTST 60%, ltgy-gy, motl & s&p, frm-vsft, fri, pred cly mtx supt, abnt mica, vsl calc-dolic cmt, blky-lmpy, intbd w/ thn strngs clyst, SS 20% wh-off wh-ltgy-transl, pred u-lf gr, f-p srt., cly mtx supt, vsl calc-dolic cmt, abnt mica, occ chlor, TT, FINE UP SEQ, SH 20% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam, incr calc
SLTST 60%, ltgy-gy, motl & s&p, frm-vsft, fri, pred cly mtx supt, abnt mica, vsl calc-dolic cmt, blky-lmpy, intbd w/ thn strngs clyst, SH: 40% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam, TR carb ptgs, cont calc
FMG 152u
Total Gas (Units)
LTC
C1 (ppm)
C2 (ppm)
C3 (ppm)
C4 (ppm)
BGG 78u
BGG 87u
LTC
FMG 198u
BGG 70u
9.8 IN 58
9.8 OUT 58
9.6 IN 58
9.6 OUT 58
9.6+IN 54

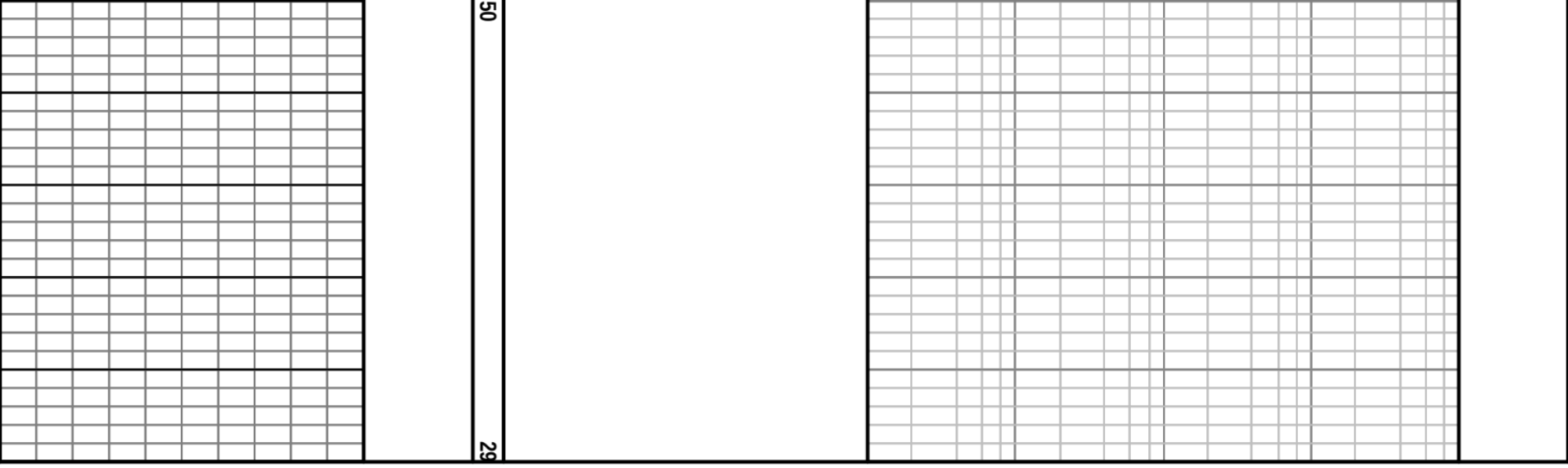

ROP (min/ft)
Torque (Kft-lbs)
WOB 5-6
RPM 75
PP 450-500
SPM 100
CN 1875.15
CN 1938.83
1800
1850
1900
1950
SS 20% wh-off wh-ltgy-transl, pred u-lf gr, f-p srt., cly mtx supt, vsl calc-dolic cmt, abnt mica, occ chlor, SLTST 60%, ltgy-gy, motl & s&p, frm-vsft, fri, pred cly mtx supt, abnt mica, vsl calc-dolic cmt, blky-lmpy, intbd w/ thn strngs clyst, 20% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam, TR carb ptgs, calc thru
SH: 85% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 15% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam, cont calc
SS 10% wh-off wh-ltgy-transl, pred u-lf gr, f-p srt., cly mtx supt, vsl calc-dolic cmt, abnt mica, occ chlor, lse grns in cly supt sltst congl
SH: 85% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 15% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam, cont calc
SH: 85% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam SLTST: 15% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam, cont calc
SLTST: 15% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam, cont calc, SH: 85% ltgy, gy, frm-mod hd, sbblky-sbplty, pred rthy-chlky tex, abnt mic mica, occ vf alt wh & ltgy lam
LS: 10% cm, crmtn, ltgy, modhd, micxln, abnd micr, grdg to lmy sh, mod vis frac, occ slty-sdy incl, w/ SH: 80% ltgy, gy, frm-modhd sbblky-sbplty, pred rthy-chlky tex, mod mic mica, rr grdg to sltst, sl calc, w/ SLTST 10% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam, cont calc
Total Gas (Units)
C1 (ppm)
C2 (ppm)
C3 (ppm)
C4 (ppm)
LTC
END LIMITED ROP @ 100 FPH THANKS FOR BETTER SAMPLES
FMG 169u
9.6+OUT 54
9.7 IN 56
9.7 OUT 56
9.7 IN 53
9.7 OUT 53
9.7 IN 52
9.8 OUT 52


ROP (min/ft)
torque (Kft-lbs)
CN 2002.64
SURVEY @ 2033'
0.75 DEG
WOB 5-6
RPM 75
PP 450-500
SPM 101
CN 2066.34
CN 2129.91
WOB 4-6
RPM 75
PP 460-480
SPM 99
2000
2050
2100
2150
SH: 85% ltgy, gy, grdg to lttn, frm-mdhd, sbblky-sbplty, pred chlky tex, occ mic mica, sl calc, w/ SLTST: 10% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, sig incr carb, occ shly lam, cont calc, w/ LS: 5% aa, no vis frac/poro
COAL: <5% blk, pred dull bit, rr vit tex, bit, rr sb anth, no vis intbd w/ sh, w/ SLTST/SH aa, cont calc
SH: 80% ltgy, gy, grdg to lttn, frm-mdhd, sbblky-sbplty, pred chlky tex, occ mic mica, rr calc, w/ SLTST: 20%ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, occ shly lam, decr calc, abnd free mic
SH: 90% ltgy, gy,grdg to dkgy, frm-mdhd, sbblky-sbplty, pred chlky-slty tex, occ mic mica, rr calc, w/ SLTST: 10% ltgy, gy, sft-frm, occ fri, s+p, rthy-grty tex, abnd mic, occ shly lam, decr calc, rr calc, abnd free mic
SH: 100% ltgy, gy,grdg to dkgy, frm-mdhd, sbblky-sbplty, pred chlky-slty tex, occ mic mica, occ calc, w/ tr SLTST: ltgy, gy, intb w/ fine sh lm, abnd free mica
SH: 85% ltgy, gy, rr dkgy, frm-mdhd, sbblky-sbplty, pred chlky-slty tex, occ mic mica, mod calc ip, w/ SLTST: 15% ltgy, gy, frm, tr vis poro, abnd snd incl, psrt, abnd mic, mod calc
SH: 90% ltgy, gy, rr dkgy, frm-mdhd, sbblky-sbplty, pred chlky-slty tex, occ mic mica, sl calc ip, w/ SLTST: 10% aa
SS: 5% ltgy, offwh, fri, pred mtx supt w/ cly/slt mtx, lf-lm grn, sbang-ang, vpsrt, tr vis poro, w/ SH: 85% ltgy, gy, rr dkgy, frm-mdhd, sbblky-sbplty, pred chlky-slty tex, occ mic mica, non calc, w/ SLTST: 10% ltgy, gy, frm-fri, occ sdy, abnd mic, occ lm w/ sh, w/ abnd free mica, decr
POSSUM BELLY PLUGGED OFF WITH CUTTINGS
Total Gas (Units)
C1 (ppm)
C2 (ppm)
C3 (ppm)
C4 (ppm)
FMG 175u
BGG 155u
FMG 190u
CG 2820u
LTC
FMG 445u
CG+FMG 3003u
LTC
MUD WEIGHT VISCOSITY
9.7 IN 54
9.8 OUT 54
9.7 cut to 9.4
9.4 OUT


CN 2193.59
ROP (min/ft)
Torque (Kft-lbs)
2200
WOB 4-7
RPM 75
PP 460-490
SPM 97
2250
CN 2257.32
SPR 44 STKS 127
PSI @ 2252'
2300
Cn 2321.05
WOB 2-5
RPM 75
PP 480-490
SPM 97
2350
CN 2384.76
calc
SLTST: 25% ltgy, gy, s+p, fr-frm, abnd mic, non-calc, occ sdy, w/ lf-um qtz clts, tr vis poro, w/ SH: 75% ltgy, gy, frm-mdhd, sbblky-sbplty, pred chly tex, mod mic mica, non calc
SH: 90% ltgy, gy, frm-mdhd, sbblky-sbplty, pred chly tex, mod mic mica, non calc, w/ SLTST: 10% ltgy, rr dkgy, fri, occ modhd, abnd mic, non calc, abnd free mica
SH: 100% ltgy, gy, rr dkgy, frm-mdhd, sbblky-sbplty, pred chlky tex, rr slty, mod mic mica, non calc
SLTST: 20% ltgy, rr dlky, frm-fri, abnd mic, rr sdy, non calc, w/ SH: 80% SH: ltgy, gy, rr dkgy, frm-mdhd, sblky-sbplty, pred chly tex, occ slty, abnd mic mica, non calc
SH: 70% ltgy, vltgy-crm ip, frm-modhd, sbblky-sbplty, chlky tex, rr grdg to sltst, occ mic mica, non calc, w/ SLTST: 30% ltgy, occ vltgy-crm ip, fri, occ frm, occ ss clsts, tr free chlr
SH: 100% ltgy, occ crmgy, rr dkgy, frm-vhd, sbblky-sbplty, rr splnty, mod mic mica, rr slty, ncalc, w/ tr bioclasts, w/ tr SLTST aa
SH: 80% ltgy, occ dkgy, frm-modhd, sbblky-sbplty, mod mic mica, rr slty, ncalc, w/ SLTST: 20% ltgy, gy, frm-fri, abnd mic, rr calc, w/ tr LS: ltgy, mott dkgy-gy, hd, vfxln, occ slty, w/ tr free bioclasts
CG 2283u
9.7+ IN 54
9.8 OUT
Total Gas (Units)
FMG 253u
C1 (ppm)
C2 (ppm)
C3 (ppm)
C4 (ppm)
RCG 360u
CG 2537u
LTC
RCG 282u
LTC
CG 4086u
RCG 799u
CG 3969u
9.7 IN 54
9.7 OUT
LTC


ROP (min/ft)
Torque (Kft-lbs)
Total Gas (Units)
C1 (ppm)
C2 (ppm)
C3 (ppm)
C4 (ppm)
SH: 70% ltgy, gy, frm-hd, sbblky, ncalc, slty-chlky tex, rr mic mica w/ SLTST: 30% ltgy, sft-fri, abnd mic, rr sdy, tt, w/ abnd free mic
RCG 546u
SH: 60% ltgy, gy, frm-hd, sbblky, ncalc, slty-chlky tex, rr mic mica w/ SLTST: 40% ltgy, sft-fri, abnd mic, occ sdy, tr vis poro, w/ abnd free mica, tr bioclasts
RCG 571u
CG 4234u
WOB 3-6
RPM 78
PP 490-500
SPM 96
CN 2448.5
LTD
9.7 IN 54
9.7+ OUT
SH: 70% ltgy, gy, frm-hd, sbblky, ncalc, slty text, w/ mod mic mica, w/ SLTST: 30% ltgy, occ dkgy, frm-fri, rr sdy, occ w/ f lm sh, abnd free mica
RCG 345u
SH: 80% ltgy, gy, rr crm-ltgy, frm-hd, sbblky, ncalc, slty text, w/ mod mic mica, w/ SLTST: 15% ltgy, fri, abnd mic, rr shly, occ sdy, w/ SS: 5% clr-trnsl, occ dkgy, vhd, lm-uc, sbang-ang, vpsrt, w/ tr lithoclasts
MUD
WEIGHT
VISCOSITY
SH: 90% ltgy, rr crm-ltgy, frm-hd, sbblky, ncalc, slty text, occ grdg to slty sh, w/ mod mic mica, w/ SLTST: 10% ltgy-gy, fr-frm, occ intbd w/ sh lm, ncalc
CN 2512.0
CG 3774u
SS/CONG: 15% clr-trnsl-offwh, rr dkgy, uf-um grn, vpsrt, sbang-ang, w/ chlor incl, w/ tr LITHOCLASTS: dkgy-gyblk, vhd, vc, wrnd
9.7 IN 53
9.6+ OUT
CN 2543.7
FMG
2224u
WOB 3-6
RPM 78
PP 480-490
SPM 96
SLTST: 60% ltgy-gy, frm, occ fri, abnd mic mica, abnd grdg to slty sh, w/ SH: 40% ltgy, gy, frm-mod hd, sbblky, slty text, occ chlky, w/ mod mic mica, w/ tr amt SS aa
FMG
2429u
LTC
CN 2575.5
FMG
1988u
LS: <5% offwh-ltgy-mott, modhd, abnd slty ip, w/ SH: 95% ltgy-gy, frm-modhd, slty text, rr chlky, occ slty, w/ mod mic mica, w/ tr SLTST aa
LTC
CG
4174u
CN 2607.4
BGG 1000u
SH: 95% ltgy, gy, frm, occ modhd, sbblky, slty txt, occ grdg to slty sh, abnd mic mica, w/ SLTST: 5% ltgy, gy, frm, mod fri, abnd mic, w/ abnd free mica
LTC
9.8 IN 54
9.7 OUT
2450
2500
2550
2600


CN 2639.7
WOB 3-6
RPM 76
PP 470-490
SPM 96
CN 2672.0
CN 2703.8
CN 2735.7
WOB 3-6
RPM 74
PP 490-520
SPM 96
CN 2767.6
CN 2799.6
ROP (min/ft)
Torque (Kft-lbs)
TD @ 2815' @ 0147 hrs, 08/14/10
Bit #2 drilled 2066 ft in 13.0 hrs, avg ROP 158 ft/hr
2650
2700
2750
2800
SH: 85% ltgy, gy, rr dkgy, frm-modhd, sbblky, slty txt, occ grdg to slty sh, abnd mic mica, w/ SLTST: 15% ltgy, gy, frm, mod fri, abnd mic, w/ abnd free mica
SH: 90% ltgy, gy, frm-modhd, sbblky-sbplty, slty txt, occ chlky txt, rr grdg to slty sh, abnd mic mica, w/ SLTST: 10% ltgy-gy, frm, occ fri, rr calc, abnd mic, w/ tr LS: mbrn-mgybrn, frm-modhd, mic-vfxln, ms-ps, arg, w/ foss frag, thin lam, tt, w/ tr SS
LS: 10% offwh-wh-cmtn, mott, frm-modhd, micxln-vfxln, w/ tr calc xtals on clsts, w/ SH: 90% ltgy, gy, frm-modhd, sbblky-sbplty, slty txt, occ chlky txt, rr grdg to slty sh, abnd mic mica, mod free calc xls, abnd free mica
SH: 100% ltgy-gy, frm-modhd, sbblky-sbplty, slty txt, rr chlky txt, rr grdnd to slty sh, abnd mic mica, w/ tr LS, tr free calc xls, abnd free mica
SH: 70% ltgy-gy, frm-modhd, sbblky-sbplty, slty txt, rr chlky txt, occ grdng to slty sh, abnd mic mica, w/ SLTST: 30% ltgy-gy, occ offwh, frm, occ fri, abnd calc ip, w/ tr free calc xls, abnd free mica
CG 3164u
LTC
CG 3317u
BGG 750u
LTC
CG 3710u
LTC
CG 1832u
9.9+ IN 54
9.7 OUT
LTC
BGG/RCG 350u
CG//DTG 2442
9.9 IN 54
9.8+ OUT
Total Gas (Units)
C1 (ppm)
C2 (ppm)
C3 (ppm)
C4 (ppm)
RCG 890u



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