OPERATOR

Company:	CAPTIVA II		
Address:	445 UNION BLVD. SUITE 208 LAKEWOOD, CO 80228		
Contact Geologist:	CHRIS GOTTSCHALK		
Contact Phone Nbr:	(785) 623-1524		
Well Name:	BROWN #1-12		
Location:	SE NW NE SW 12 - 22S - 10W	API:	15-155-21643-0000
Pool:		Field:	WISBY NORTHWEST
State:	KANSAS	Country:	USA

Scale 1:240 Imperial

Well Name:	BROWN #1-12		
Surface Location:	SE NW NE SW 12 - 22S - 10W		
Bottom Location:			
API:	15-155-21643-0000		
License Number:	31725		
Spud Date:	2/12/2013	Time:	3:30 PM
Region:	RENO		
Drilling Completed:	2/18/2013	Time:	6:32 AM
Surface Coordinates:	2111' FSL & 1857' FWL		
Bottom Hole Coordinates:			
Ground Elevation:	1734.00ft		
K.B. Elevation:	1743.00ft		
Logged Interval:	2600.00ft	To:	3677.00ft
Total Depth:	3675.00ft		
Formation:	LANSING-KANSAS CITY		
Drilling Fluid Type:	CHEMICAL/FRESH WATER GEL		

SURFACE CO-ORDINATES

Well Type:	Vertical		
Longitude:	-98.3744558	Latitude:	38.1502146
N/S Co-ord:	2111' FSL		
E/W Co-ord:	1857' FWL		

LOGGED BY

SOLUTIONS CONSULTING

Company:	SOLUTIONS CONSULTING		
Address:	108 W 35TH HAYS, KS 67601		
Phone Nbr:	(785) 259-3737		
Logged By:	Geologist	Name:	JEFF LAWLER

CONTRACTOR

Contractor:	STERLING DRILLING COMPAY		
Rig #:	4		
Rig Type:	MUD ROTARY		
Spud Date:	2/12/2013	Time:	3:30 PM
TD Date:	2/18/2013	Time:	6:32 AM
Rig Release:	2/19/2013	Time:	8:00 AM

ELEVATIONS

K.B. Elevation:	1743.00ft	Ground Elevation:	1734.00ft
K.B. to Ground:	9.00ft		

NOTES

DUE TO STRUCTRUAL POSITION, LOG ANALYSIS, & DST RESULTS IT WAS DECIDED TO PLUG & ABANDON THE BROWN #1-12.

RESPECTFULLY SUBMITTED,
JEFF LAWLER

WELL COMPARISON SHEET

	BROWN #1-12				P&A 6-64 REX & MORRIS & RIGGS BROWN #1 SE SE NW 12-22-10				¤ SHEILDS OIL PRODUCERS BROWN C #1 NW SE 12-22-10				P&A O&G 7-78 SHEILDS OIL PRODUCERS PROFFITT #1 NE NW NE 12-22-10				¤ LONE STAR OIL, INC. PROFFITT PROSPECT #1 S2 NW NW NE 12-22-10			
	KB	1743			KB	1742			KB	1762			KB	1755			KB	1761		
	LOG TOPS		SAMPLE TOPS		COMP. CARD		LOG	SMPL.	COMP. CARD		LOG	SMPL.	COMP. CARD		LOG	SMPL.	COMP. CARD		LOG	SMPL.
FORMATION	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.
ANHYDRITE TOP																				
BASE																				
GRAND HAVEN													2223	-468						
TARKIO LIME													2304	-549						
3RD SAND													2338	-583						
BASE 3RD SAND													2371	-616						
HOWARD			2531	-788									2527	-772		- 16				
TOPEKA	2637	-894	2634	-891	2618	-876	- 18	- 15					2631	-876	- 18	- 15				
HEEBNER SHALE	2930	-1187	2930	-1187	2923	-1181	- 6	- 6	2948	-1186	- 1	- 1	2930	-1175	- 12	- 12	2925	-1164	- 23	- 23
TORONTO	2950	-1207	2953	-1210	2942	-1200	- 7	- 10	2968	-1206	- 1	- 4	2951	-1196	- 11	- 14				
DOUGLAS SHALE	2968	-1225											2973	-1218	- 7		2984	-1223	- 2	
BROWN LIME	3070	-1327	3071	-1328	3063	-1321	- 6	- 7	3090	-1328	+ 1	+ 0	3067	-1312	- 15	- 16	3066	-1305	- 22	- 23
LKC	3098	-1355	3097	-1354	3090	-1348	- 7	- 6	3118	-1356	+ 1	+ 2	3095	-1340	- 15	- 14	3093	-1332	- 23	- 22
BKC	3397	-1654	3397	-1654	3394	-1652	- 2	- 2					3396	-1641	- 13	- 13	3396	-1635	- 19	- 19
CONGLOMERATE					3420	-1678														
VIOLA LIME	3456	-1713	3456	-1713	3450	-1708	- 5	- 5					3450	-1695	- 18	- 18	3458	-1697	- 16	- 16
SIMPSON SHALE	3536	-1793	3540	-1797	3539	-1797	+ 4	+ 0					3548	-1793	+ 0	- 4	3546	-1785	- 8	- 12
SIMPSON DOLOMITE	3542	-1799			3546	-1804	+ 5										3556	-1795	- 4	
SIMPSON SAND					3557	-1815							3556	-1801			3560	-1799		
ARBUCKLE	3594	-1851	3594	-1851	3598	-1856	+ 5	+ 5					3613	-1858	+ 7	+ 7				
RTD			3675	-1932					3190	-1428		- 504	3625	-1870		- 62	3593	-1832		- 100
LTD	3677	-1934			3629	-1887	- 47													

DST #1 LKC A-F 3075' - 3191'

SUPERIOR ENTERPRISES LLC TESTERS

DRILL STEM TEST REPORT

Captiva II

445 union Blvd Suit 208 Lakew ood CO 80228

ATTN: Jeff Law ler

12-22s-10w Reno

Brown #1-12

Job Ticket: 17387 **DST#: 1**

Test Start: 2013.02.16 @ 17:15:00

GENERAL INFORMATION:

Formation: **LKC A-F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:27:30
Time Test Ended: 00:56:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Jared Scheck
Unit No: 3320- Great Bend- 70

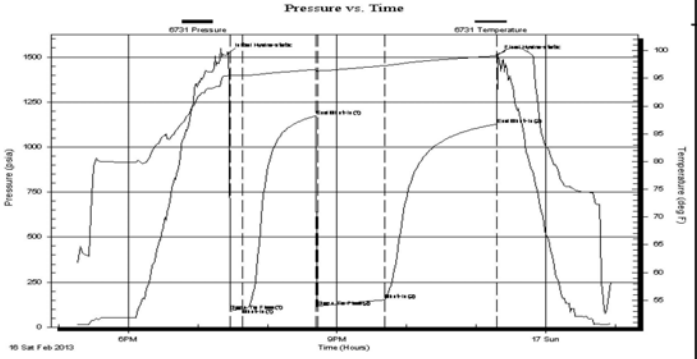
Interval: 3075.00 ft (KB) To 3191.00 ft (KB) (TVD)
Total Depth: 3191.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1743.00 ft (KB)
1734.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6731
Press@RunDepth: 151.64 psia @ ft (KB)
Start Date: 2013.02.16 End Date: 2013.02.17
Start Time: 17:15:00 End Time: 00:56:30

Capacity: 5000.00 psia
Last Calib.: 2013.02.17
Time On Btm: 2013.02.16 @ 19:26:00
Time Off Btm: 2013.02.16 @ 23:18:30

TEST COMMENT: 1st Opening 15 Minutes-Weak blow built 7 inches into w ater in 15 minutes
1st Shut-in 60 Minutes-No blow back
2nd Opening 60 Minutes-Weak blow built 2 inches from bottom of bucket in 60 minutes
2nd Shut-in 90 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1522.36	95.57	Initial Hydro-static
2	91.20	95.50	Open To Flow (1)
13	101.61	95.59	Shut-In(1)
76	1172.82	96.61	End Shut-In(1)
77	113.71	96.37	Open To Flow (2)
135	151.64	97.30	Shut-In(2)
232	1125.08	99.06	End Shut-In(2)
233	1510.86	99.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	mud	0.59

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)

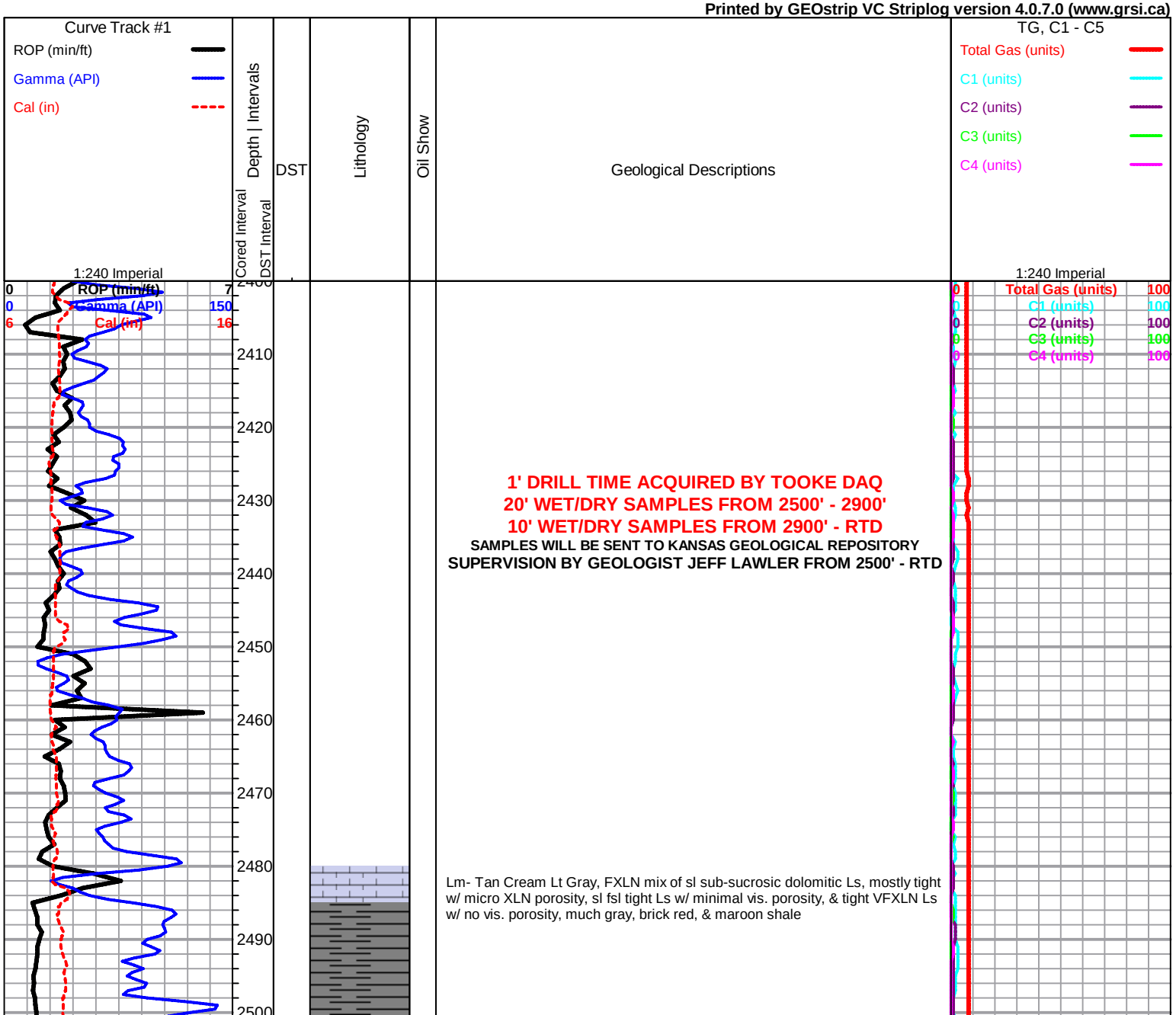
ROCK TYPES

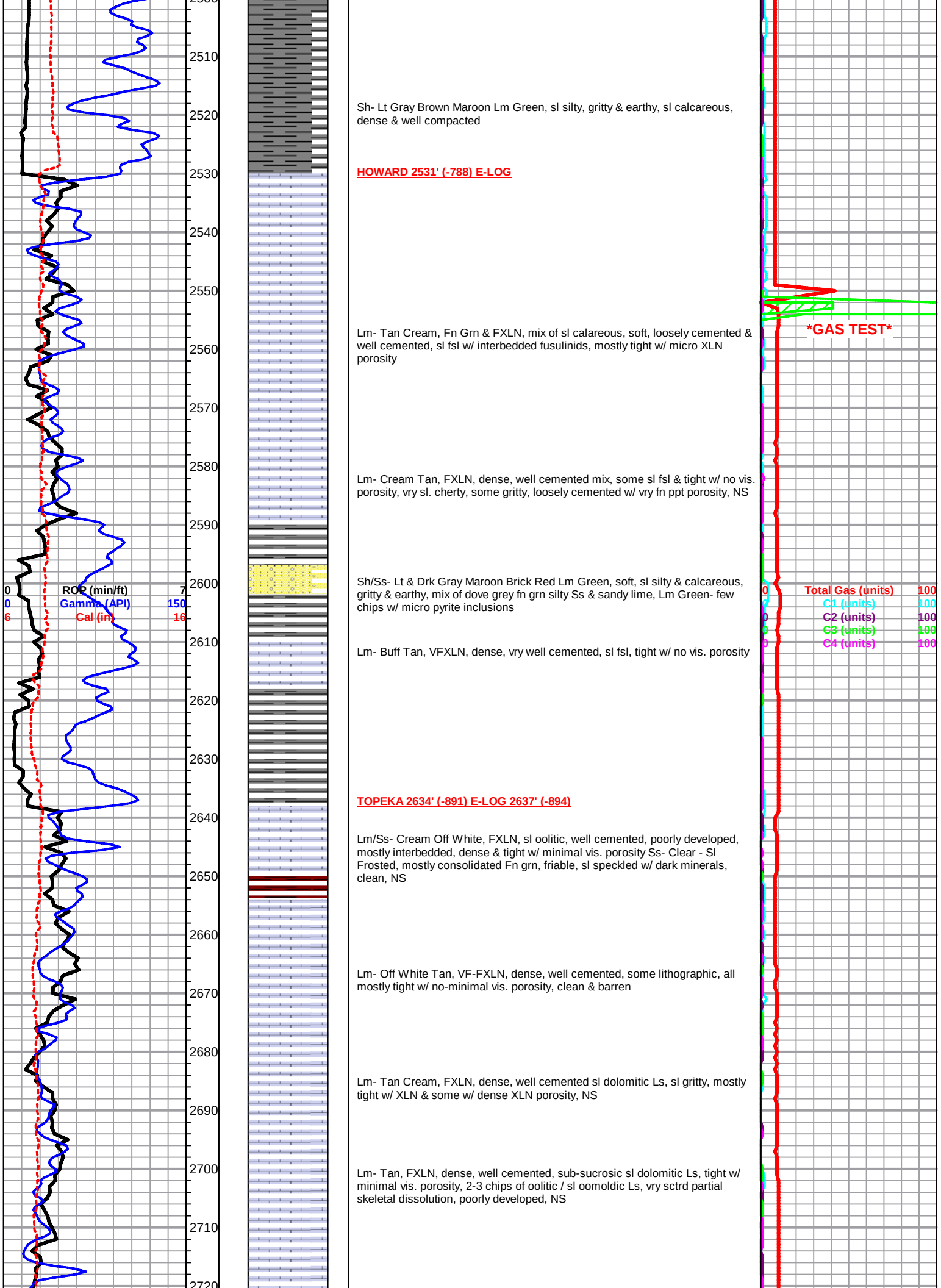
Cht	Dolprim	shale, gry	SsPebbley
Congl	Lmst fw7>	Carbon Sh	
Chtcongl	shale, grn	shale, red	

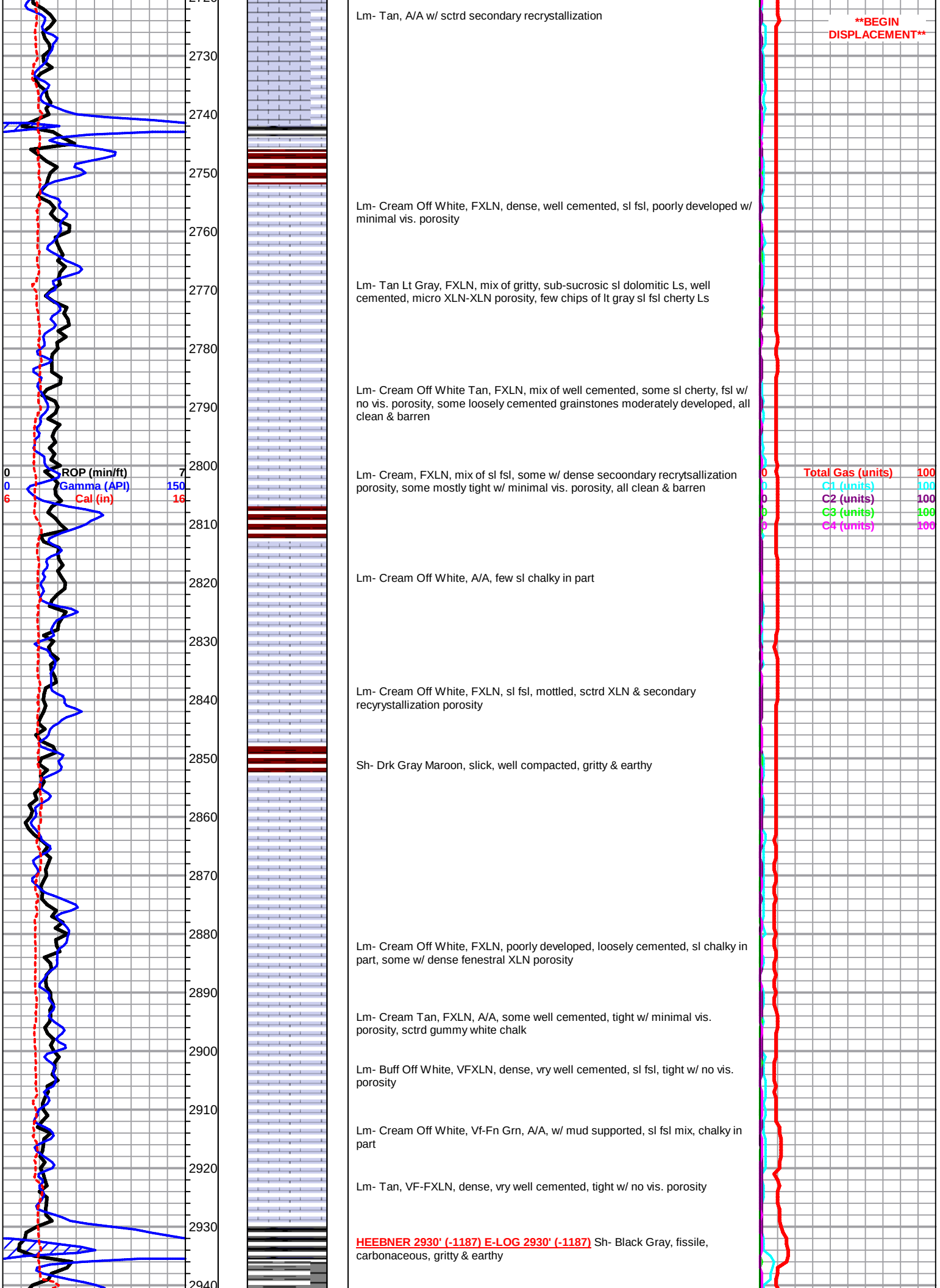
OTHER SYMBOLS

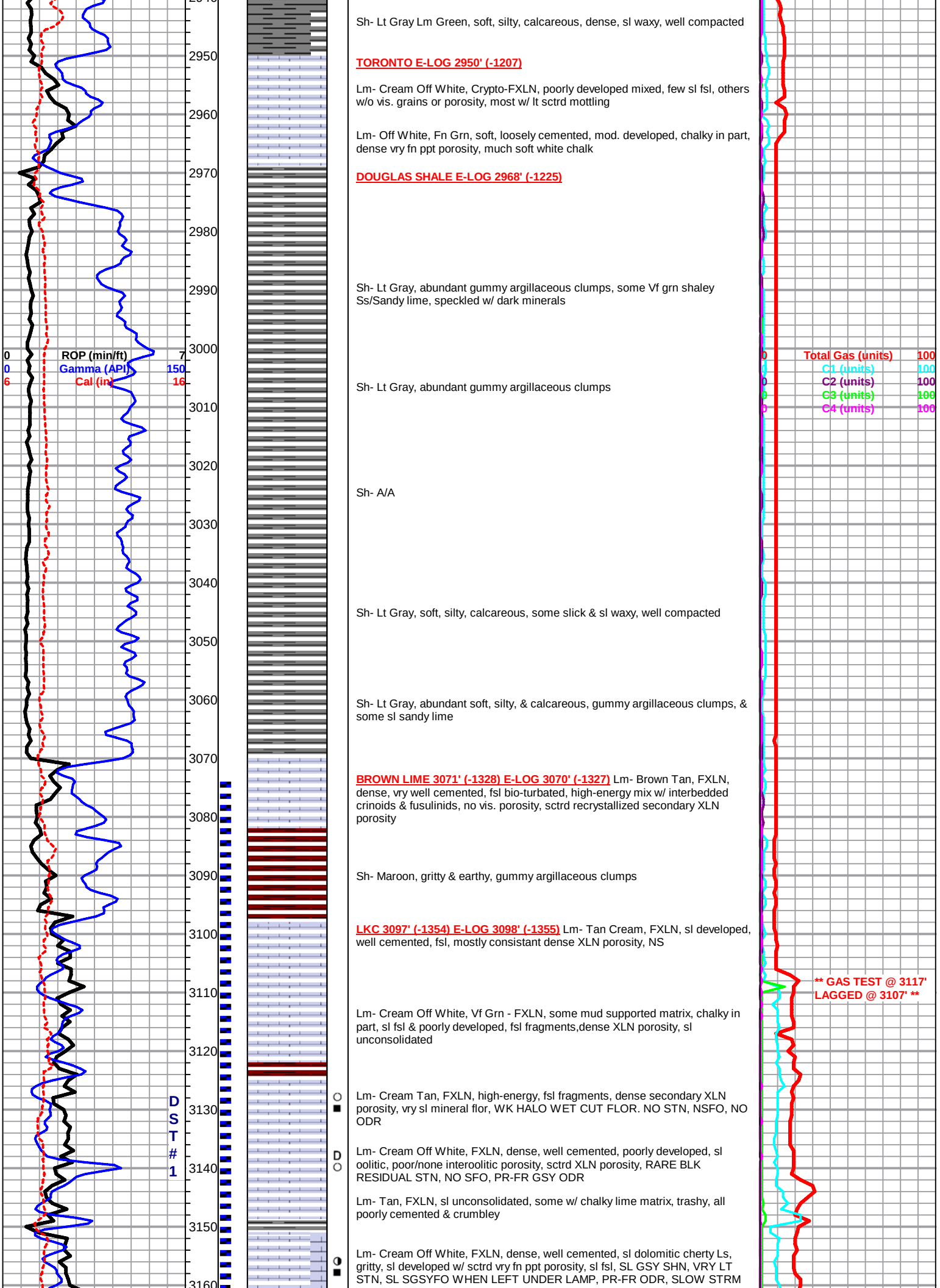
DST
- DST Int
- DST alt
- Core

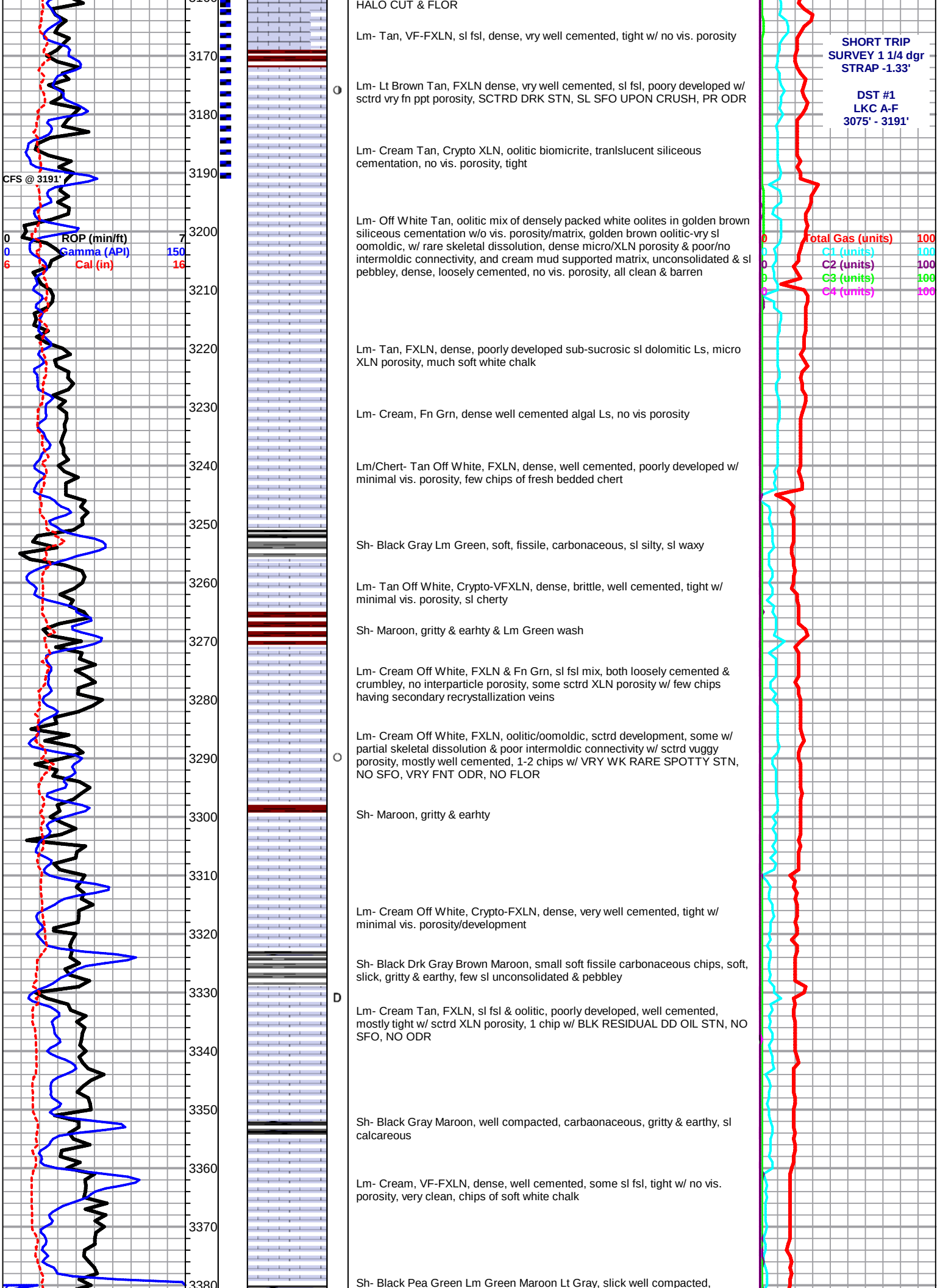
Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)

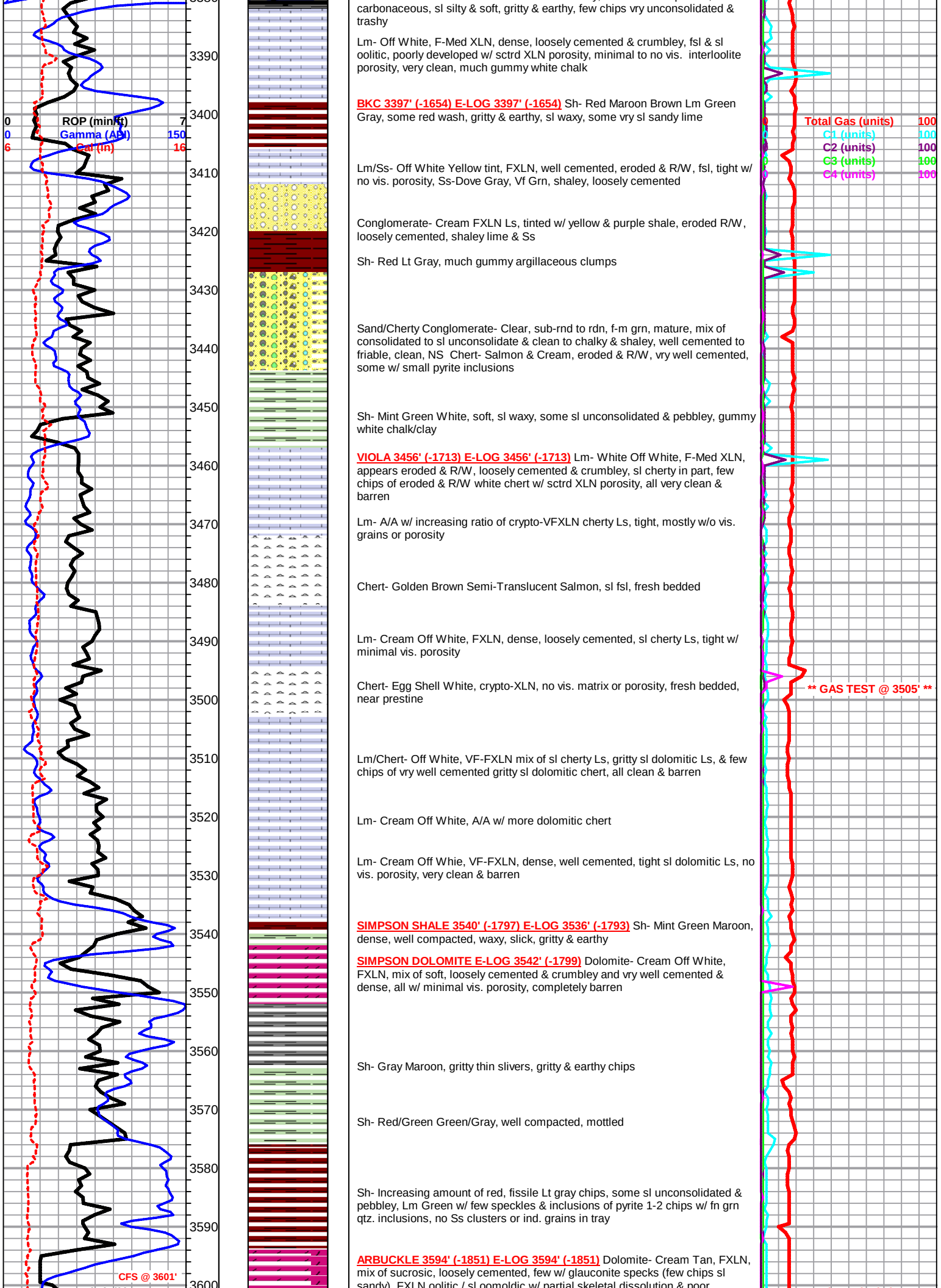


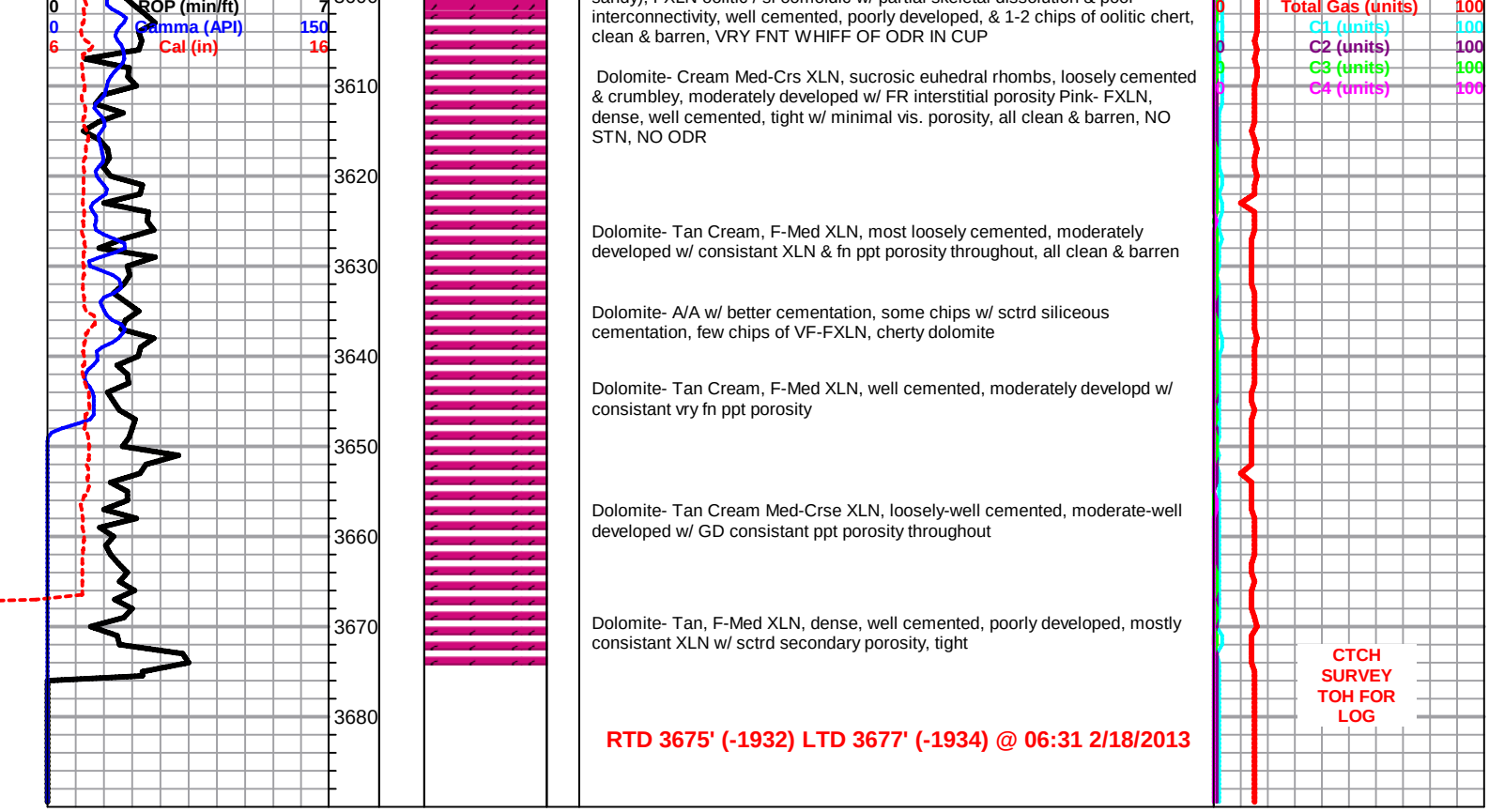

0 ROP (min/ft) 7
0 Gamma (API) 150
6 Cal (in) 16
2510
2520
2530
2540
2550
2560
2570
2580
2590
2600
2610
2620
2630
2640
2650
2660
2670
2680
2690
2700
2710
2720
Sh- Lt Gray Brown Maroon Lm Green, sl silty, gritty & earthy, sl calcareous, dense & well compacted
HOWARD 2531' (-788) E-LOG
Lm- Tan Cream, Fn Grn & FXLN, mix of sl calareous, soft, loosely cemented & well cemented, sl fsl w/ interbedded fusulinids, mostly tight w/ micro XLN porosity
GAS TEST
Lm- Cream Tan, FXLN, dense, well cemented mix, some sl fsl & tight w/ no vis. porosity, vry sl. cherty, some gritty, loosely cemented w/ vry fn ppt porosity, NS
Sh/Ss- Lt & Drk Gray Maroon Brick Red Lm Green, soft, sl silty & calcareous, gritty & earthy, mix of dove grey fn grn silty Ss & sandy lime, Lm Green- few chips w/ micro pyrite inclusions
Lm- Buff Tan, VFXLN, dense, vry well cemented, sl fsl, tight w/ no vis. porosity
TOPEKA 2634' (-891) E-LOG 2637' (-894)
Lm/Ss- Cream Off White, FXLN, sl oolitic, well cemented, poorly developed, mostly interbedded, dense & tight w/ minimal vis. porosity Ss- Clear - Sl Frosted, mostly consolidated Fn grn, friable, sl speckled w/ dark minerals, clean, NS
Lm- Off White Tan, VF-FXLN, dense, well cemented, some lithographic, all mostly tight w/ no-minimal vis. porosity, clean & barren
Lm- Tan Cream, FXLN, dense, well cemented sl dolomitic Ls, sl gritty, mostly tight w/ XLN & some w/ dense XLN porosity, NS
Lm- Tan, FXLN, dense, well cemented, sub-sucrosic sl dolomitic Ls, tight w/ minimal vis. porosity, 2-3 chips of oolitic / sl oomoldic Ls, vry sctrd partial skeletal dissolution, poorly developed, NS
0 Total Gas (units) 100
0 C1 (units) 100
0 C2 (units) 100
0 C3 (units) 100
0 C4 (units) 100


0 ROP (min/ft) 7
0 Gamma (API) 150
6 Cal (in) 16
2730
2740
2750
2760
2770
2780
2790
2800
2810
2820
2830
2840
2850
2860
2870
2880
2890
2900
2910
2920
2930
2940
Lm- Tan, A/A w/ sctrd secondary recrystallization
BEGIN DISPLACEMENT
Lm- Cream Off White, FXLN, dense, well cemented, sl fsl, poorly developed w/ minimal vis. porosity
Lm- Tan Lt Gray, FXLN, mix of gritty, sub-sucrosic sl dolomitic Ls, well cemented, micro XLN-XLN porosity, few chips of lt gray sl fsl cherty Ls
Lm- Cream Off White Tan, FXLN, mix of well cemented, some sl cherty, fsl w/ no vis. porosity, some loosely cemented grainstones moderately developed, all clean & barren
Lm- Cream, FXLN, mix of sl fsl, some w/ dense secoondary recrytsallization porosity, some mostly tight w/ minimal vis. porosity, all clean & barren
0 Total Gas (units) 100
0 C1 (units) 100
0 C2 (units) 100
0 C3 (units) 100
0 C4 (units) 100
Lm- Cream Off White, A/A, few sl chalky in part
Lm- Cream Off White, FXLN, sl fsl, mottled, sctrd XLN & secondary recyrystallization porosity
Sh- Drk Gray Maroon, slick, well compacted, gritty & earthy
Lm- Cream Off White, FXLN, poorly developed, loosely cemented, sl chalky in part, some w/ dense fenestral XLN porosity
Lm- Cream Tan, FXLN, A/A, some well cemented, tight w/ minimal vis. porosity, sctrd gummy white chalk
Lm- Buff Off White, VFXLN, dense, vry well cemented, sl fsl, tight w/ no vis. porosity
Lm- Cream Off White, Vf-Fn Grn, A/A, w/ mud supported, sl fsl mix, chalky in part
Lm- Tan, VF-FXLN, dense, vry well cemented, tight w/ no vis. porosity
HEEBNER 2930' (-1187) E-LOG 2930' (-1187) Sh- Black Gray, fissile, carbonaceous, gritty & earthy


0
ROP (min/ft)
7
0
Gamma (API)
150
6
Cal (in)
16
2950
2960
2970
2980
2990
3000
3010
3020
3030
3040
3050
3060
3070
3080
3090
3100
3110
3120
3130
3140
3150
3160
DST #1
0
Total Gas (units)
100
0
C1 (units)
100
0
C2 (units)
100
0
C3 (units)
100
0
C4 (units)
100
Sh- Lt Gray Lm Green, soft, silty, calcareous, dense, sl waxy, well compacted
TORONTO E-LOG 2950' (-1207)
Lm- Cream Off White, Crypto-FXLN, poorly developed mixed, few sl fsl, others w/o vis. grains or porosity, most w/ lt sctrd mottling
Lm- Off White, Fn Grn, soft, loosely cemented, mod. developed, chalky in part, dense vry fn ppt porosity, much soft white chalk
DOUGLAS SHALE E-LOG 2968' (-1225)
Sh- Lt Gray, abundant gummy argillaceous clumps, some Vf grn shaley Ss/Sandy lime, speckled w/ dark minerals
Sh- Lt Gray, abundant gummy argillaceous clumps
Sh- A/A
Sh- Lt Gray, soft, silty, calcareous, some slick & sl waxy, well compacted
Sh- Lt Gray, abundant soft, silty, & calcareous, gummy argillaceous clumps, & some sl sandy lime
BROWN LIME 3071' (-1328) E-LOG 3070' (-1327) Lm- Brown Tan, FXLN, dense, vry well cemented, fsl bio-turbated, high-energy mix w/ interbedded crinoids & fusulinids, no vis. porosity, sctrd recrystallized secondary XLN porosity
Sh- Maroon, gritty & earthy, gummy argillaceous clumps
LKC 3097' (-1354) E-LOG 3098' (-1355) Lm- Tan Cream, FXLN, sl developed, well cemented, fsl, mostly consistant dense XLN porosity, NS
** GAS TEST @ 3117'
LAGGED @ 3107' **
Lm- Cream Off White, Vf Grn - FXLN, some mud supported matrix, chalky in part, sl fsl & poorly developed, fsl fragments,dense XLN porosity, sl unconsolidated
Lm- Cream Tan, FXLN, high-energy, fsl fragments, dense secondary XLN porosity, vry sl mineral flor, WK HALO WET CUT FLOR. NO STN, NSFO, NO ODR
Lm- Cream Off White, FXLN, dense, well cemented, poorly developed, sl oolitic, poor/none interoolitic porosity, sctrd XLN porosity, RARE BLK RESIDUAL STN, NO SFO, PR-FR GSY ODR
Lm- Tan, FXLN, sl unconsolidated, some w/ chalky lime matrix, trashy, all poorly cemented & crumbley
Lm- Cream Off White, FXLN, dense, well cemented, sl dolomitic cherty Ls, gritty, sl developed w/ sctrd vry fn ppt porosity, sl fsl, SL GSY SHN, VRY LT STN, SL SGSYFO WHEN LEFT UNDER LAMP, PR-FR ODR, SLOW STRM


HALO CUT & FLOR
Lm- Tan, VF-FXLN, sl fsl, dense, vry well cemented, tight w/ no vis. porosity
Lm- Lt Brown Tan, FXLN dense, vry well cemented, sl fsl, poory developed w/ sctrd vry fn ppt porosity, SCTRD DRK STN, SL SFO UPON CRUSH, PR ODR
Lm- Cream Tan, Crypto XLN, oolitic biomicrite, tranlslucent siliceous cementation, no vis. porosity, tight
Lm- Off White Tan, oolitic mix of densely packed white oolites in golden brown siliceous cementation w/o vis. porosity/matrix, golden brown oolitic-vry sl oomoldic, w/ rare skeletal dissolution, dense micro/XLN porosity & poor/no intermoldic connectivity, and cream mud supported matrix, unconsolidated & sl pebbley, dense, loosely cemented, no vis. porosity, all clean & barren
Lm- Tan, FXLN, dense, poorly developed sub-sucrosic sl dolomitic Ls, micro XLN porosity, much soft white chalk
Lm- Cream, Fn Grn, dense well cemented algal Ls, no vis porosity
Lm/Chert- Tan Off White, FXLN, dense, well cemented, poorly developed w/ minimal vis. porosity, few chips of fresh bedded chert
Sh- Black Gray Lm Green, soft, fissile, carbonaceous, sl silty, sl waxy
Lm- Tan Off White, Crypto-VFXLN, dense, brittle, well cemented, tight w/ minimal vis. porosity, sl cherty
Sh- Maroon, gritty & earhty & Lm Green wash
Lm- Cream Off White, FXLN & Fn Grn, sl fsl mix, both loosely cemented & crumbley, no interparticle porosity, some sctrd XLN porosity w/ few chips having secondary recrystallization veins
Lm- Cream Off White, FXLN, oolitic/oomoldic, sctrd development, some w/ partial skeletal dissolution & poor intermoldic connectivity w/ sctrd vuggy porosity, mostly well cemented, 1-2 chips w/ VRY WK RARE SPOTTY STN, NO SFO, VRY FNT ODR, NO FLOR
Sh- Maroon, gritty & earhty
Lm- Cream Off White, Crypto-FXLN, dense, very well cemented, tight w/ minimal vis. porosity/development
Sh- Black Drk Gray Brown Maroon, small soft fissile carbonaceous chips, soft, slick, gritty & earthy, few sl unconsolidated & pebbley
Lm- Cream Tan, FXLN, sl fsl & oolitic, poorly developed, well cemented, mostly tight w/ sctrd XLN porosity, 1 chip w/ BLK RESIDUAL DD OIL STN, NO SFO, NO ODR
Sh- Black Gray Maroon, well compacted, carbaonaceous, gritty & earthy, sl calcareous
Lm- Cream, VF-FXLN, dense, well cemented, some sl fsl, tight w/ no vis. porosity, very clean, chips of soft white chalk
Sh- Black Pea Green Lm Green Maroon Lt Gray, slick well compacted,
SHORT TRIP
SURVEY 1 1/4 dgr
STRAP -1.33'
DST #1
LKC A-F
3075' - 3191'
CFS @ 3191'
0 ROP (min/ft) 7
0 Gamma (API) 150
6 Cal (in) 16
0 Total Gas (units) 100
0 C1 (units) 100
0 C2 (units) 100
0 C3 (units) 100
0 C4 (units) 100
3170
3180
3190
3200
3210
3220
3230
3240
3250
3260
3270
3280
3290
3300
3310
3320
3330
3340
3350
3360
3370
3380


0 ROP (min/ft) 7
0 Gamma (API) 150
6 Cal (in) 16
3390
3400
3410
3420
3430
3440
3450
3460
3470
3480
3490
3500
3510
3520
3530
3540
3550
3560
3570
3580
3590
3600
CFS @ 3601'
carbonaceous, sl silty & soft, gritty & earthy, few chips vry unconsolidated & trashy
Lm- Off White, F-Med XLN, dense, loosely cemented & crumbley, fsl & sl oolitic, poorly developed w/ sctrd XLN porosity, minimal to no vis. interloolite porosity, very clean, much gummy white chalk
BKC 3397' (-1654) E-LOG 3397' (-1654) Sh- Red Maroon Brown Lm Green Gray, some red wash, gritty & earthy, sl waxy, some vry sl sandy lime
Lm/Ss- Off White Yellow tint, FXLN, well cemented, eroded & R/W, fsl, tight w/ no vis. porosity, Ss-Dove Gray, Vf Grn, shaley, loosely cemented
Conglomerate- Cream FXLN Ls, tinted w/ yellow & purple shale, eroded R/W, loosely cemented, shaley lime & Ss
Sh- Red Lt Gray, much gummy argillaceous clumps
Sand/Cherty Conglomerate- Clear, sub-rnd to rdn, f-m grn, mature, mix of consolidated to sl unconsolidate & clean to chalky & shaley, well cemented to friable, clean, NS Chert- Salmon & Cream, eroded & R/W, vry well cemented, some w/ small pyrite inclusions
Sh- Mint Green White, soft, sl waxy, some sl unconsolidated & pebbley, gummy white chalk/clay
VIOLA 3456' (-1713) E-LOG 3456' (-1713) Lm- White Off White, F-Med XLN, appears eroded & R/W, loosely cemented & crumbley, sl cherty in part, few chips of eroded & R/W white chert w/ sctrd XLN porosity, all very clean & barren
Lm- A/A w/ increasing ratio of crypto-VFXLN cherty Ls, tight, mostly w/o vis. grains or porosity
Chert- Golden Brown Semi-Translucent Salmon, sl fsl, fresh bedded
Lm- Cream Off White, FXLN, dense, loosely cemented, sl cherty Ls, tight w/ minimal vis. porosity
Chert- Egg Shell White, crypto-XLN, no vis. matrix or porosity, fresh bedded, near prestine
Lm/Chert- Off White, VF-FXLN mix of sl cherty Ls, gritty sl dolomitic Ls, & few chips of vry well cemented gritty sl dolomitic chert, all clean & barren
Lm- Cream Off White, A/A w/ more dolomitic chert
Lm- Cream Off Whie, VF-FXLN, dense, well cemented, tight sl dolomitic Ls, no vis. porosity, very clean & barren
SIMPSON SHALE 3540' (-1797) E-LOG 3536' (-1793) Sh- Mint Green Maroon, dense, well compacted, waxy, slick, gritty & earthy
SIMPSON DOLOMITE E-LOG 3542' (-1799) Dolomite- Cream Off White, FXLN, mix of soft, loosely cemented & crumbley and vry well cemented & dense, all w/ minimal vis. porosity, completely barren
Sh- Gray Maroon, gritty thin slivers, gritty & earthy chips
Sh- Red/Green Green/Gray, well compacted, mottled
Sh- Increasing amount of red, fissile Lt gray chips, some sl unconsolidated & pebbley, Lm Green w/ few speckles & inclusions of pyrite 1-2 chips w/ fn grn qtz. inclusions, no Ss clusters or ind. grains in tray
ARBUCKLE 3594' (-1851) E-LOG 3594' (-1851) Dolomite- Cream Tan, FXLN, mix of sucrosic, loosely cemented, few w/ glauconite specks (few chips sl sandy), FXLN oolitic / sl oomoldic w/ partial skeletal dissolution & poor
0 Total Gas (units) 100
0 C1 (units) 100
0 C2 (units) 100
0 C3 (units) 100
0 C4 (units) 100
** GAS TEST @ 3505' **


0
ROP (min/ft)
7
0
Gamma (API)
150
6
Cal (in)
16
3610
3620
3630
3640
3650
3660
3670
3680
interconnectivity, well cemented, poorly developed, & 1-2 chips of oolitic chert, clean & barren, VRY FNT WHIFF OF ODR IN CUP
Dolomite- Cream Med-Crs XLN, sucrosic euhedral rhombs, loosely cemented & crumbley, moderately developed w/ FR interstitial porosity Pink- FXLN, dense, well cemented, tight w/ minimal vis. porosity, all clean & barren, NO STN, NO ODR
Dolomite- Tan Cream, F-Med XLN, most loosely cemented, moderately developed w/ consistant XLN & fn ppt porosity throughout, all clean & barren
Dolomite- A/A w/ better cementation, some chips w/ sctrd siliceous cementation, few chips of VF-FXLN, cherty dolomite
Dolomite- Tan Cream, F-Med XLN, well cemented, moderately developd w/ consistant vry fn ppt porosity
Dolomite- Tan Cream Med-Crse XLN, loosely-well cemented, moderate-well developed w/ GD consistant ppt porosity throughout
Dolomite- Tan, F-Med XLN, dense, well cemented, poorly developed, mostly consistant XLN w/ sctrd secondary porosity, tight
RTD 3675' (-1932) LTD 3677' (-1934) @ 06:31 2/18/2013
0
Total Gas (units)
100
C1 (units)
100
C2 (units)
100
C3 (units)
100
C4 (units)
100
CTCH SURVEY TOH FOR LOG