



**Notice:** Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

KANSAS CORPORATION COMMISSION 1249782  
OIL & GAS CONSERVATION DIVISION

Form CP-4  
March 2009

Type or Print on this Form  
Form must be Signed  
All blanks must be Filled

**WELL PLUGGING RECORD**  
K.A.R. 82-3-117

OPERATOR: License #: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Address 1: \_\_\_\_\_  
 Address 2: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
 Contact Person: \_\_\_\_\_  
 Phone: ( \_\_\_\_\_ ) \_\_\_\_\_  
 Type of Well: (Check one)  Oil Well  Gas Well  OG  D&A  Cathodic  
 Water Supply Well  Other: \_\_\_\_\_  SWD Permit #: \_\_\_\_\_  
 ENHR Permit #: \_\_\_\_\_  Gas Storage Permit #: \_\_\_\_\_  
 Is ACO-1 filed?  Yes  No If not, is well log attached?  Yes  No  
 Producing Formation(s): List All (If needed attach another sheet)  
 \_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_  
 \_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_  
 \_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_

API No. 15 - \_\_\_\_\_  
 Spot Description: \_\_\_\_\_  
 \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 \_\_\_\_\_ Feet from  North /  South Line of Section  
 \_\_\_\_\_ Feet from  East /  West Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
 County: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_  
 Date Well Completed: \_\_\_\_\_  
 The plugging proposal was approved on: \_\_\_\_\_ (Date)  
 by: \_\_\_\_\_ (KCC District Agent's Name)  
 Plugging Commenced: \_\_\_\_\_  
 Plugging Completed: \_\_\_\_\_

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		Casing Record (Surface, Conductor & Production)			
Formation	Content	Casing	Size	Setting Depth	Pulled Out

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Plugging Contractor License #: \_\_\_\_\_ Name: \_\_\_\_\_  
 Address 1: \_\_\_\_\_ Address 2: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
 Phone: ( \_\_\_\_\_ ) \_\_\_\_\_  
 Name of Party Responsible for Plugging Fees: \_\_\_\_\_  
 State of \_\_\_\_\_ County, \_\_\_\_\_, ss.  
 \_\_\_\_\_  Employee of Operator or  Operator on above-described well,  
 (Print Name)

being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

Submitted Electronically

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	CP4 - Well Plugging Record
Operator	Daystar Petroleum, Inc.
Well Name	CJ Lambert 1-36
Doc ID	1249782

Producing Formations

Formation	Top	Bottom	Total Depth
ANHYDRITE	1824	467	
B/ANHYDRITE	1848	443	
TOPEKA	3335	-1044	
HEEBNER SH.	3549	-1258	
TORONTO	3574	-1283	
LANSING	3591	-1299	
MUNCIE CREEK SH	3714	-1423	
B/KANSAS CITY	3814	-1523	
CONGLOMERATE	3880	-1589	
ARBUCKLE	41592	-1901	



# M. Bradford Rine

## Consulting Geologist, Licensed and Certified

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

Well Name: C.J. Lambert Unit #1-36 - Daystar Petroleum, Inc.  
API: 15-065-24099-00-00  
Location: C-SE-SE, Section 36-T10S-R21W  
License Number: KCC #30931  
Spud Date: March 19, 2015  
Surface Coordinates: 570' FSL & 560' FEL,  
of Section  
Bottom Hole Vertical Wellbore  
Coordinates:  
Ground Elevation (ft): 2281 Ft. K.B. Elevation (ft): 2291 Ft.  
Logged Interval (ft): 3200 Ft. To: 4150 Ft. Total Depth (ft): RTD 4150 Ft. LTD 4152 Ft.  
Formation: Arbuckle at Total Depth  
Type of Drilling Fluid: Chemical

Region: Graham County, Kansas  
Drilling Completed: March 28, 2015  
Results: P & A  
Field: Cooper

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

### Operator

Company: Daystar Petroleum, Inc.  
Address: P.O. Box 560  
Eureka, Kansas 67045

### Geologist

Name: M. Bradford Rine  
Company: Consulting Geologist, Kansas Lic. #204, Wyo #189, AAPG Cert. #2647  
Address: 100 South Main, Suite #415  
Wichita, Kansas 67202

### Remarks

Based on sample observations, drill stem test results, and electric log evaluation, of the "J.C. Lambert Unit #1-36", it was the decision of the Operator to plug and abandon this Test, on March 28, 2015.

Respectfully submitted,  
M. Bradford Rine, geologist

	Results: P & A			(Well A)		(Well B)		(Well C)				
	Daystar Petroleum, Inc			Allison Black		Thomason Petro		American Warrior				
	CJ Lambert Unit #1-36			#1 Lambert		#A2 Lambert		#1-6 Tucker				
	560' FEL & 570' FSL			N/2-NW-SW		E2-W2-SE-NE		SE-NE-NW-NW				
Sec. 36-09S-21W			Sec. 36-09S-21W		Sec. 01-10S-21W		Sec. 6-10S-20W					
2291 Ft. KB			2281 Ft. KB		2278 Ft. KB		2301 Ft. KB		Well A	Well B	Well C	
Formations	Sample	E-Log	Datum	E-Log	Datum	Scout Card	Datum	E-Log	Datum	Comparison(s)		
Anhydrite	1824	1824	467	1765	516	1781	497	1791	510	-49	-30	-43
B/Anhydrite	1846	1848	443	1812	469	1810	468	1828	473	-26	-25	-30
Topeka	3339	3335	-1044	3302	-1021	3308	-1030	3336	-1035	-23	-14	-9
Heebner Sh.	3546	3549	-1258	3506	-1225	3512	-1234	3537	-1236	-33	-24	-22
Toronto	3574	3574	-1283	3531	-1250	3534	-1256	3561	-1260	-33	-27	-23
Lansing	3591	3590	-1299	3548	-1267	3550	-1272	3578	-1277	-32	-27	-22
Muncie Creek Sh.	3713	3714	-1423					3699	-1398			-25
B/Kansas City	3814	3814	-1523	3767	-1486	3774	-1496	3799	-1498	-37	-27	-25
Conglomerate	3875	3880	-1589	3845	-1564		2278	3855	-1554	-25		-35
Arbuckle	3994	4192	-1901	3875	-1594	3855	-1577	3886	-1585	-307	-324	-316
Total Depth	4150	4152	-1861	3883	-1602	3963	-1685	4003	-1702	-259	-176	-159

### Drilling Information

**Rig:** Val Energy Drilling, #7  
**Pump:** EWCO 15W600 6x15  
**Drawworks:** Oilwell T52  
**Collars:** 541' 2-1/4 x 6-1/4  
**Drillpipe:** 4-1/2" 16.6# XH  
**Toolpusher:** Larry Hinderlighter

**Mud:** Mudco (Gary Schmidtberger)  
**Gas Detector:** None  
**Drill Stem Tests:** Trilobite (Bob Hamel)  
**Logs:** Nabors (J Cappellucci)  
**Water:** Pumped from off location  
**Company Representatives:**  
**Office:** Chuck Schmidt  
**Field:** None

### Daily Drilling Status

Date:	Operations/Depth/Comments
03-17-15	MIRT @ 0'
03-18-15	RU, whut down for repairs @ 0'
03-19-15	Down for Repairs (motors) @ 0'
03-20-15	Spud @ 0'
03-21-15	Drilling @ 590'
03-22-15	Drilling @ 2005'
03-23-15	Drilling @ 2870'
03-24-15	Drilling @ 3430'
03-25-15	Trip Out of Hole for DST 1 @ 3682'
03-26-15	Circulating to Condition Hole for DST 2 @ 3815'
03-27-15	Trip in Hole with DST 3 @ 3911'
03-28-15	Drilling @ 4130'
03-29-15	Plugged on March 28, plug down at 6:30 pm

## Casing Record, Bit Record, Deviation Surveys

### CASING:

Conductor: None

Surface: Ran 6 jts 8-5/8" 24# casing, set @ 265'. (Allied) Cement with 150 sx Class A 3% CC, 2% gel. Cement did circulate. Plug down 4:00 PM, 03-20-15.

Production: (Allied) P & A with 305 sx Ttl of 60-40 POZ, 4% gel, 1/4# floSeal, as follows: 50 sx @ 4072', 50 sx @ 1840', 100 sx @ 1006', 50 sx @ 315', 10 sx @ 40', 30 sx in Rathole, 15 sx in Mousehole. Plug down at 6:30 pm, March 28, 2015.

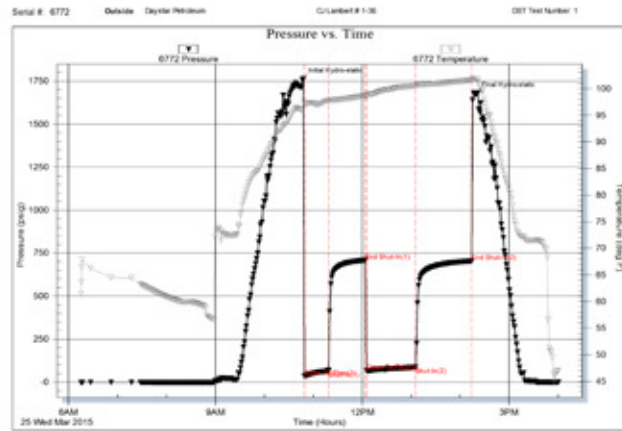
### BITS:

No.	Size	Make	Model	Depth In	Depth Out	Hours
1	12-1/4	RR		0	269	2.5
2	7-7/8	JZ	HA20Q	269	4150	100.75

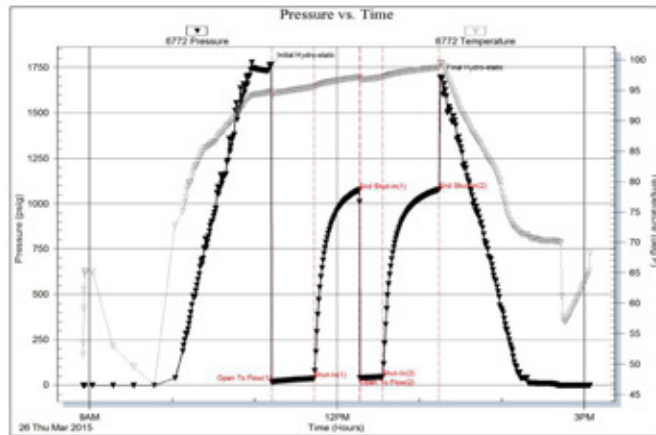
### DEVIATION SURVEYS:

Deviation:	Depth:	Deviation:	Depth:
0.50*	269'	0.50*	3682'
1.00*	2117'	1.00*	4150'

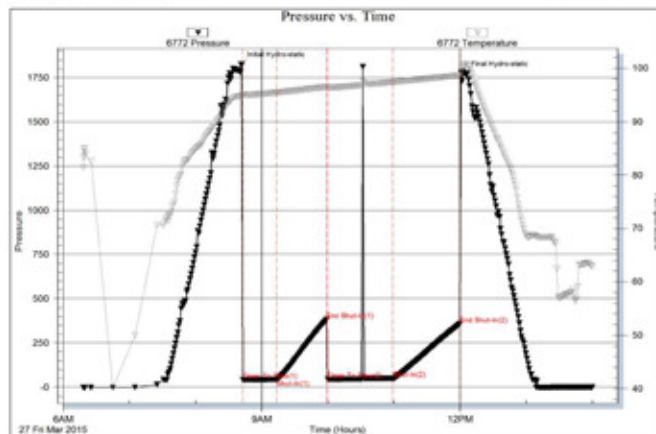
**DST #1: 3616-3682 (LKC C,D,E,F)**  
**Times: 30-45-60-60**  
**Initial Open: Wk blow, built to 3.25"**  
**Final Open: Wk blow, built to 3.25"**  
**Rec: 120' mud**  
**IHP: 1757 FHP: 1675**  
**IFP: 35-65 FFP: 66-87**  
**ISIP: 708 FSIP: 703**  
**BHT: 101°F**



**DST #2: 3710-3815 (LKC H,I,J,K,L)**  
**Times: 30-30-15-30**  
**Initial Open: Wk, interm surf thru-out**  
**Final Open: None**  
**Rec: 63' mud**  
**IHP: 1763 FHP: 1695**  
**IFP: 19-37 FFP: 39-46**  
**ISIP: 1074 FSIP: 1078**  
**BHT: 99.4°F**



**DST #3: 3800-3911 (Conglomerate)**  
**Times: 30-45-60-60**  
**Initial Open: Wk, built to 2.75"**  
**Final Open: None, flushed tool, had wk surf blow for 7 min then died**  
**Rec: 65' mud**  
**IHP: 1824 FHP: 1772**  
**IFP: 42-44 FFP: 45-50**  
**ISIP: 382 FSIP: 357**  
**BHT: 101°F**



### Rock Types

Anhy	Black shale	Coal	Lmst	Shcol	Sltyshtst
Bent	Congl	Meta	Mrlst	Shgy	Shlysiltst
Brec	Dol	Mrlst	Salt	Sltst	Sandyls
Cht	Gyp	Shale	Till		
Clyst	Igne				

### Accessories

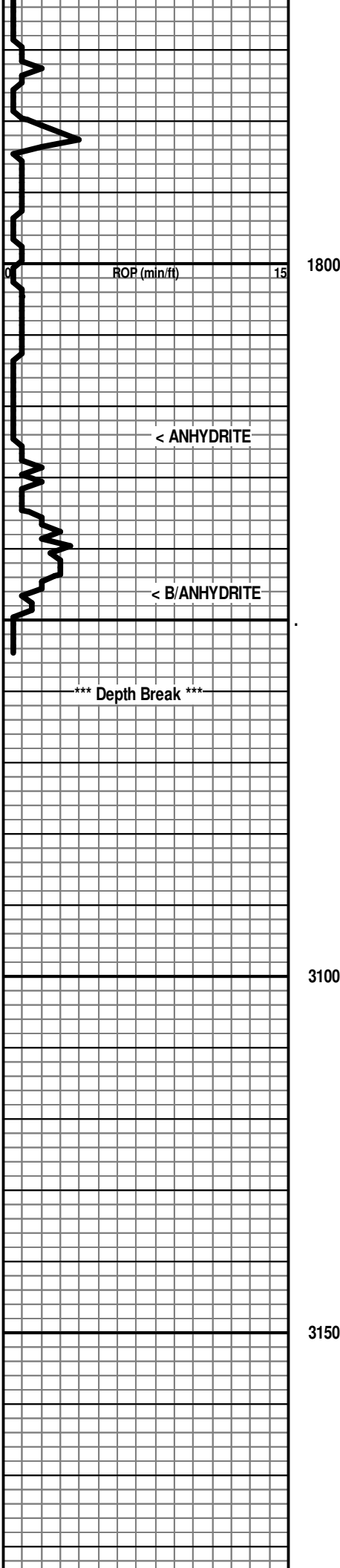
<b>MINERAL</b>	Gyp	<b>FOSSIL</b>	Ostra	Sltstrg
Anhy	Hvymin	Algae	Pelec	Ssstrg
Arggrn	Kaol	Amph	Pellet	<b>TEXTURE</b>
Arg	Marl	Belm	Pisolite	Boundst
Bent	Minxl	Bioclst	Plant	Chalky
Bit	Nodule	Brach	Strom	Cryxln
Brecfrag	Phos	Bryozoa	<b>STRINGER</b>	Earthy
Calc	Pyr	Cephal	Anhy	Finexln
Carb	Salt	Coral	Shale	Grainst
Chtdk	Sandy	Crin	Bent	Lithogr
Chtlt	Silt	Echin	Coal	Microxln
Dol	Sil	Fish	Dol	Mudst
Feldspar	Sulphur	Foram	Gyp	Packst
Ferrpel	Tuff	Fossil	Ls	Wackest
Ferr		Gastro	Mrst	
Glau		Oolite		

### Other Symbols

<b>OIL SHOW</b>	Spotted	Gas	<b>INTERVAL</b>
Gas show	Trace or questionable		Core
Even	Dead		Dst

ROP (min/ft)	Depth	Lithology	Geological Descriptions	Remarks
ROP (min/ft)				
0 ROP (min/ft) 15	1700			
	50			





\* The penetration rate does not make sense, at this time, as the slower rate usually reflects the entire Anhydrite interval of 30-40 feet. Therefore, this geologist has hesitated to call a Top for the Anhydrite, made some assumption as to the Base of the Interval!

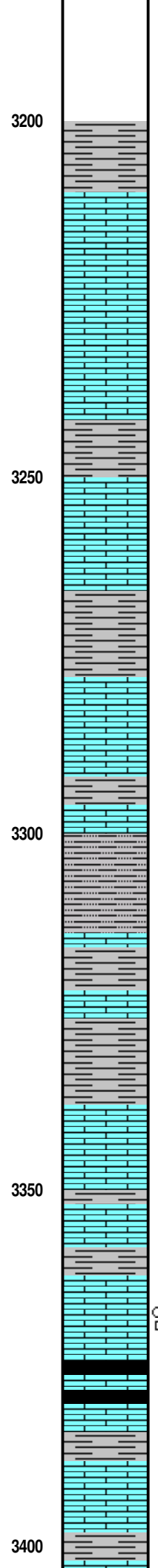
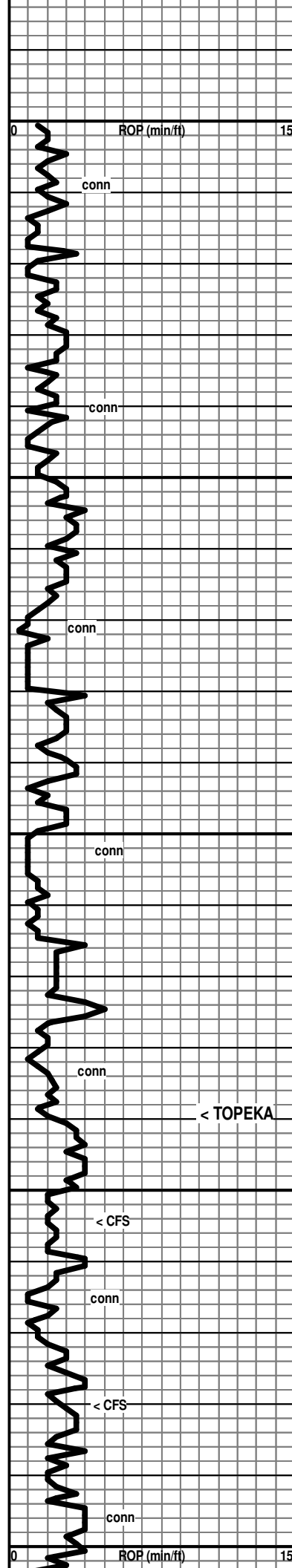
\* Geologist used e-log to determine T/Anhydrite! (This Anhy Interval moderately distinct from comparison well)

← 1824 (+467)

← 1846 (+445)

\* Losing partial returns from 2117'-2350' approx 180 bbls.

\* Displace & Mudup @ 2990 ft.



Sh gy-pl grnish, calc in pt, subsilty text in pt

Ls wh-cr-tan-gy, fn xln, dns in pt, scatt pr-fr xln por in pt, foss-abund foss

Sh gy

Ls cr-gy, fn xln, dns in pt, pr xln por in pt, chalky in pt, foss-abund foss

Sh gy-v pl grnish, calc in pt, silty in pt

Ls cr, fn xln, mostly dns, foss-abund foss

Sh gy

Siltstone & shaley siltstone gy

Sh pl gy-gy

Ls cr-gy, fn xln, dns, foss

Sh gy

<----- 3339 (-1048)

Ls cr-tan-gy, vfn-fn xln, mostly dns & firm, some chalky, foss (some weath'd to gy)

[No Show]

Sh gy-pl grn, mushy-firm

Ls cr-tan-gy, vfn-fn xln, mostly dns & firm, some chalky, foss (some weath'd to gy)

Sh gy, silty in pt

Ls wh-cr-tan-gy, fn xln, chalky in pt, pr xln por in pt, foss to abund foss (some weath'd to gy) V Rr pcs with fr xln por & barren

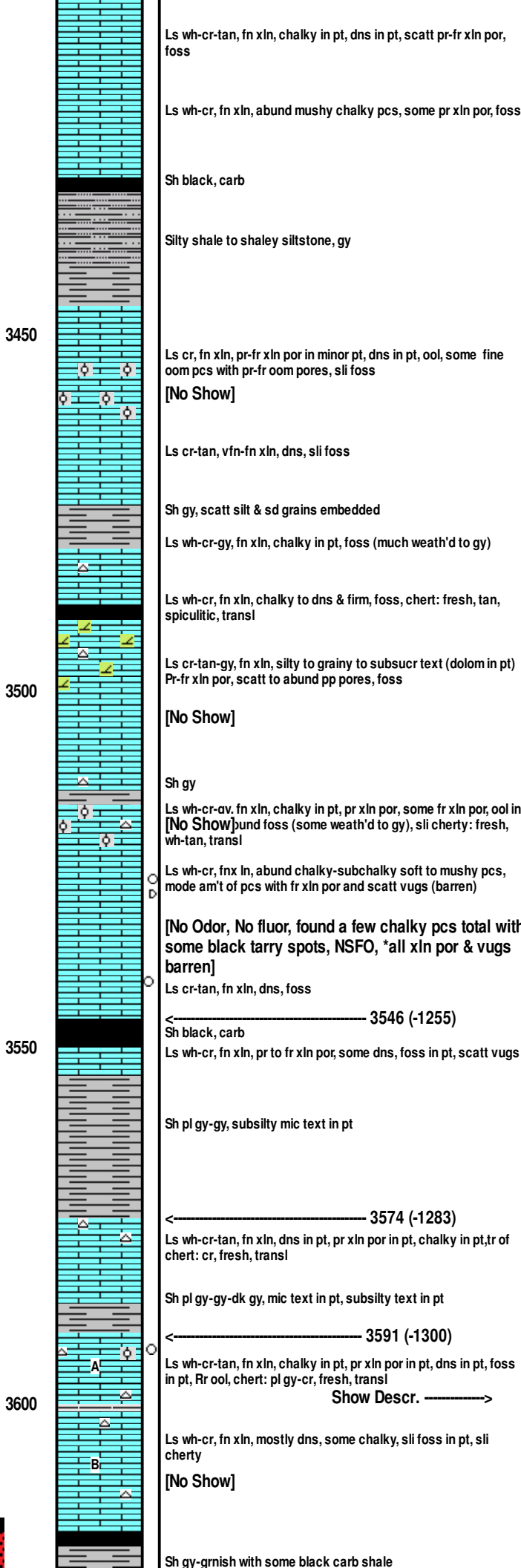
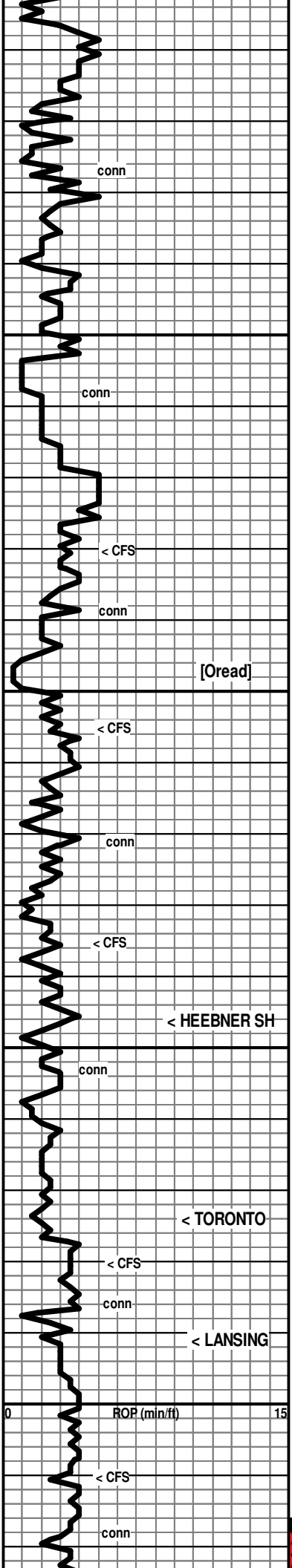
[No Odor, No fluor, few pcs with trace of blk dead gilson stn, few pcs with scant brn spots of stn, NSFO]

Sh gy-black, carb in pt

Ls wh-cr-gy, soft & chalky to dns & firm, abund foss (some weath'd to gy)

Sh gy

Ls wh-cr-gy, soft & chalky to dns & firm, abund foss (some weath'd to gy)



Ls wh-cr-tan, fn xln, chalky in pt, dns in pt, scatt pr-fr xln por, foss

Ls wh-cr, fn xln, abund mushy chalky pcs, some pr xln por, foss

Sh black, carb

Silty shale to shaley siltstone, gy

Ls cr, fn xln, pr-fr xln por in minor pt, dns in pt, ool, some fine oom pcs with pr-fr oom pores, sli foss

[No Show]

Ls cr-tan, vfn-fn xln, dns, sli foss

Sh gy, scatt silt & sd grains embedded

Ls wh-cr-gy, fn xln, chalky in pt, foss (much weath'd to gy)

Ls wh-cr, fn xln, chalky to dns & firm, foss, chert: fresh, tan, spiculitic, transl

Ls cr-tan-gy, fn xln, silty to grainy to subsucr text (dolom in pt) Pr-fr xln por, scatt to abund pp pores, foss

[No Show]

Sh gy

Ls wh-cr-av, fn xln, chalky in pt, pr xln por, some fr xln por, ool in [No Show]und foss (some weath'd to gy), sli cherty: fresh, wh-tan, transl

Ls wh-cr, fnx ln, abund chalky-subchalky soft to mushy pcs, mode am't of pcs with fr xln por and scatt vugs (barren)

[No Odor, No fluor, found a few chalky pcs total with some black tarry spots, NSFO, \*all xln por & vugs barren]

Ls cr-tan, fn xln, dns, foss

← 3546 (-1255)

Sh black, carb

Ls wh-cr, fn xln, pr to fr xln por, some dns, foss in pt, scatt vugs

Sh pl gy-gy, subsilty mic text in pt

← 3574 (-1283)

Ls wh-cr-tan, fn xln, dns in pt, pr xln por in pt, chalky in pt, tr of chert: cr, fresh, transl

Sh pl gy-gy-dk gy, mic text in pt, subsilty text in pt

← 3591 (-1300)

Ls wh-cr-tan, fn xln, chalky in pt, pr xln por in pt, dns in pt, foss in pt, Rr ool, chert: pl gy-cr, fresh, transl

Show Descr. →

Ls wh-cr, fn xln, mostly dns, some chalky, sli foss in pt, sli cherty

[No Show]

Sh gy-grnish with some black carb shale

7:00 AM, March 24, 2015

\* 3010'-3473': Lost approx 50 bbls mud!

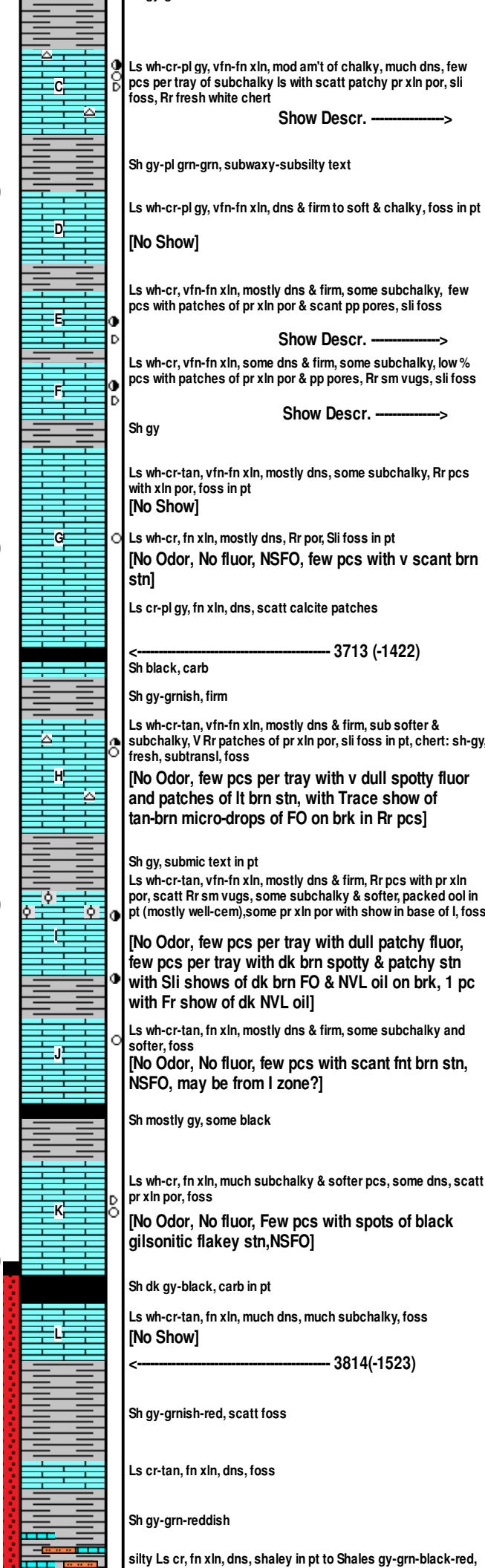
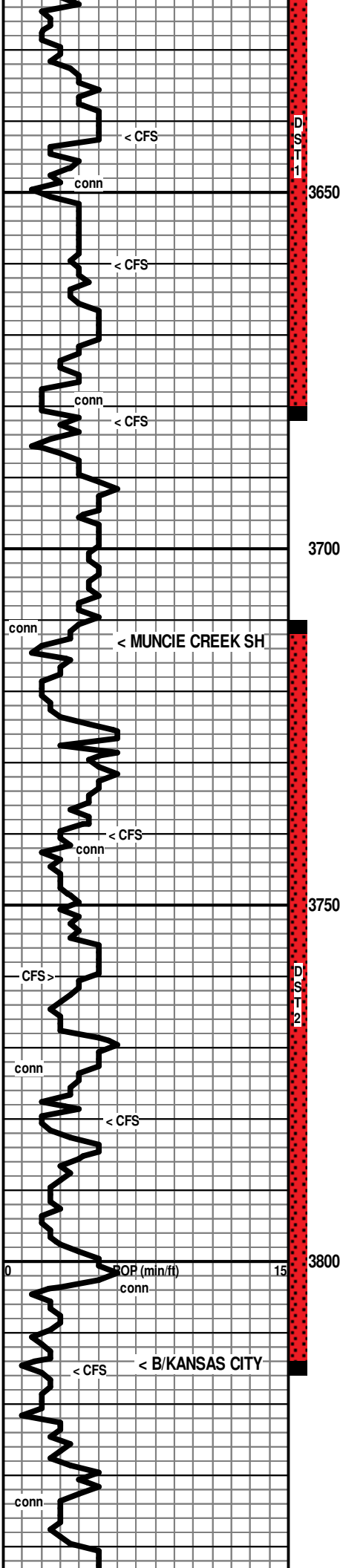
Mud Check, Drlg @ 3473':

Vis	Wt	WL	LCM	PV	YP
65	8.9	6.8	7	17	33
Chl	Hd	pH	Solids		
1000	Tr	11.0	4.3		

[A zn: No Odor, No fluor, 2 pcs with scant brn spots of stn in subchalky pcs, trace of oily film & trace of tan micro drops FO on brk, porosity 99%+ barren]

DST #1: 3616-3682 (LKC C,D,E,F)  
 Times: 30-45-60-60  
 Initial Open: Wk blow, built to 3.25"  
 Final Open: Wk blow, built to 3.25"  
 Rec: 120' mud  
 IHP: 1757 FHP: 1675  
 LFD: 25.65 FFD: 66.87

IFP: 35-65 FFP: 66-67  
 ISIP: 708 FSIP: 703  
 BHT: 101°F



[C zn: No Odor, few pcs per tray with dull spotty fluor-scatt spots of moist brn stn-NSFO on brk]

[E zn: No Odor, a few pcs with dull spots of fluor and patches of spotty brn to dk brn stn, found a few pcs with trace show of FO & spots of hvy thick DO]

[F zn: No Odor, Rr dull patchy-spotty fluor, low % pcs with dk brn spotty & patchy stn with some show of thick hvy-tarry dk DO & sli shows of dk NVL oil and v sli show of dk brn gassy FO]

7:00 AM, March 25, 2015

Pipe Strap:  
3.08 ft short @ 3682'

Mud Check, TOOH @ 3682':

Vis	Wt	WL	LCM	PV	YP
54	9.0	6.4	7	15	29
Chl	Hd	pH	Solids		
1200	Tr	11.0	4.9		

← 3713 (-1422)

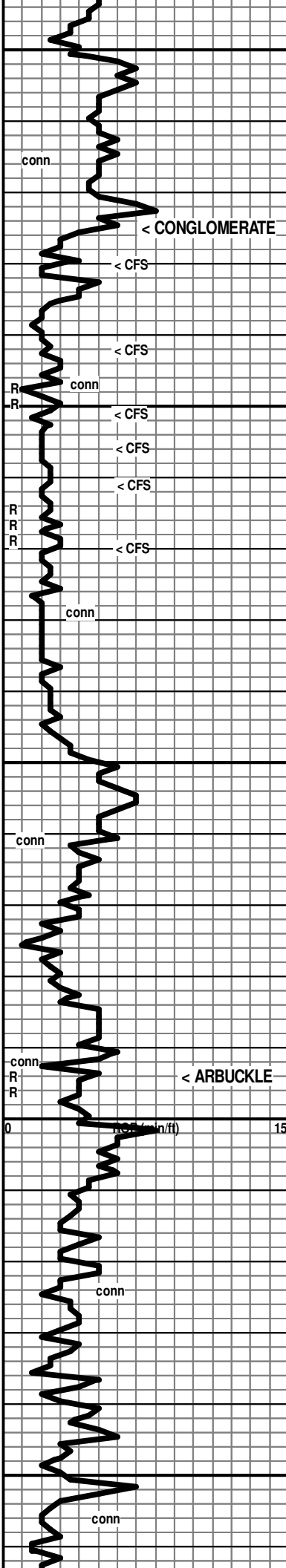
DST #2: 3710-3815 (LKC H,I,J,K,L)  
 Times: 30-30-15-30  
 Initial Open: Wk, interm surf thru-out  
 Final Open: None  
 Rec: 63' mud  
 IHP: 1763 FHP: 1695  
 IFP: 19-37 FFP: 39-46  
 ISIP: 1074 FSIP: 1078  
 BHT: 99.4°F

Mud Check, TOOH @ 3815':

Vis	Wt	WL	LCM	PV	YP
52	9.0	6.8	6	11	28
Chl	Hd	pH	Solids		
1100	Tr	10.5	4.9		

7:00 AM, March 26, 2015

DST #3: 3800-3911 (Conglomerate)  
 Times: 30-45-60-60  
 Initial Open: Wk, built to 2.75"



3850  
D  
S  
T  
3  
3900  
3950  
4000  
4050

silty to calc laminations

Ls wh-cr, fn xln, silty/sdy text in pt, dns, scatt Rr glauc specks

Shales red-gy-gm

Limestones wh-cr-tan, fn xln, chalky in pt, sdy in pt

← 3875 (-1584)

Chert: fresh, tan-orange, transl, mixed with vc shales

Ls wh, fn xln, sdy/silty in pt

Sh gy-grn-lav-red-brn, subsilty to silty in pt, some subwaxy & soft, some mushy; 3892' 40 min spl: 98% red shales (washes red), some loose pyrite pcs, some loose chert: fresh tan-or, transl

3901 cfs: abund sdy, cherty, calc mix, pr-fr intergrmlr por in pt, pr crush, chert: fresh to weath'd & vuggy

3901-3906: some of above; some vc shales red-gm-yellow-gy, mostly wh cherty Ls, chert fresh wh-tan-yel, Ls mostly dns with patches of sdy cherty, some barren vugs in Ls

3906-3911: 90% Ls & chert, wh-cr, some chalky ls, some pr xln por, mostly dns, chert: fresh wh-cr-tan, transl-opaq; 10% shales as above, tr of pyrite

3911-3920: 99% chert, mostly fresh, wh-glass-cr-yell, transl-subopaq, some weath'd to grainy with scatt pores, Rr Ls pcs, some crs recemented qrtz frags

3940' spl: 90% chert as above, some with abund foss, 10% Ls wh, dns, some vc shales

[Rr chert pcs with spotty black gilson stn]

3950' spl: 75% cherts as above; 25% Shales red-yellow-gm-gy, subsilty to subwaxy

3960' spl: 60% cherts: fresh-grainy text, wh-cr-yell-or; 30% shales: red-yell-gm-gy, some sdy; some shaley Sd gy-red, fn gm, subrd, fr sort, pr fri, some Ls pcs

[Rr chert pcs with spotty black gilson stn]

3980' spl: 60% sdy shale to shaley sd, red-gy-gm; some subwaxy-subearthy shales gm-red; 40% chert, sdy in pt, wh-cr-tan-yell-reddish or, foss & spic in pt

4000' spl: mostly various colored cherts, sds and shales with pr-fr crush in pt, some gmish-yell subwaxy shale, Rr pcs of waxy turq shale; Mod amt of dolo. cr-reddish, fn-md xln, subsucr to sucr to subrhombic, pr-fr xln por, scatt vugs & pp pores, much reddish to reddish brn clay fill of por., ool in pt, chert: fresh, wh, ool

← 3994 (-1703)

4010' spl: 60% dol wh-cr-tan-gy, fn-md xln, sucrosic to rhombic text, pr-gd xln por, sdy in pt, chert: fresh, wh-tan-yell, ool in pt, transl-opaq  
[No Show]

4020' spl: 90% dol cr-gy, fn xln, sucrosic, fr-gd xln por, scatt pp pores & vugs, sli cherty, sli sdy in pt  
[No Show]

\*(scatt rough drilling from 4000'-4050')

Dol cr-pl gy, mostly fn xln, some md xln, sucrosic to subrhombic text, some rhombic, pr-fr xln por with some gd xln por

[No Show]

Dol cr, fn xln, mostly pr-fr xln por, some dns, some silty text, mostly sucrosic, scatt sm vugs

Final Open: None, flushed tool, had wk surf blow for 7 min then died  
Rec: 65' mud  
IHP: 1824 FHP: 1772  
IFP: 42-44 FFP: 45-50  
ISIP: 382 FSIP: 357  
BHT: 101°F

Mud Check, TOOH @ 3911':

Vis	Wt	WL	LCM	PV	YP
45	8.8	7.6	6	12	10
Chl	Hd	pH	Solids		
1300	tr	9.0	3.6		

[3895-3901: No Odor, Rr dull spots of fluor, where porous: dk brn-blk med-hvy stn, fr-gd show of DO-NVL oil, Scatt sli-fr show of Gassy dk FO, some thick black tarry oil]

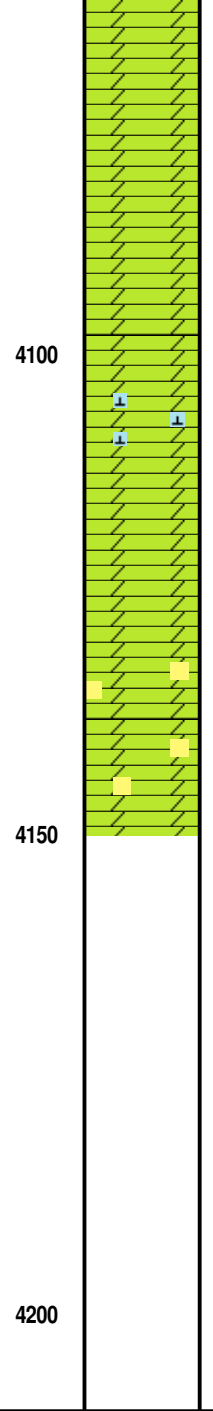
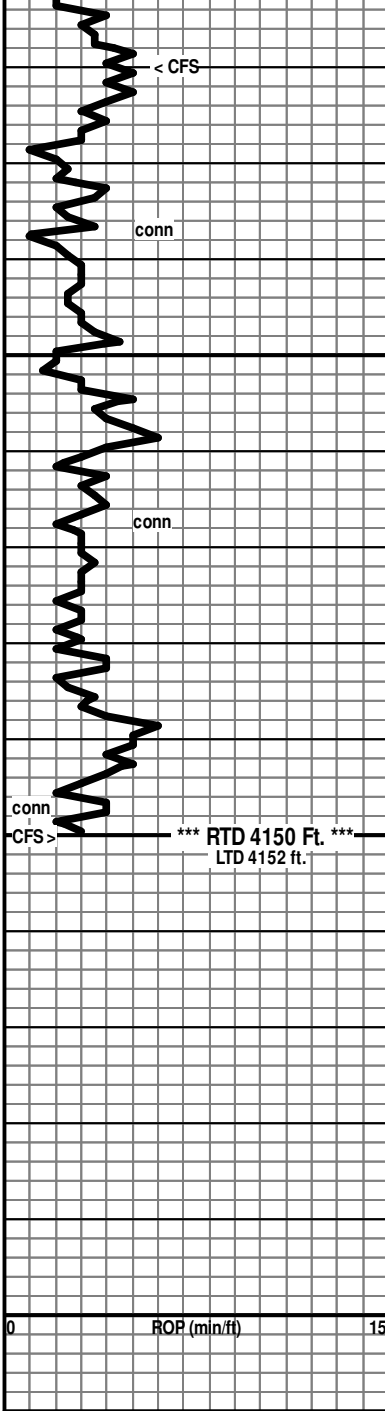
[3901-3906: No odor, No fluor, patches of black to v dk brn hvy stn, tarry in pt, dead to NVL in pt]

[3906-3911: Scatt black gilson & dead tarry stn in Ls where porous]

7:00 AM, March 27, 2015

[3911-3920: No Odor, No fluor, scatt black gilson dead black stn]

[4000' spl: abund reddish brn stn in dolo pores, appears to be clay from shales, vugs & pp pores barren]



\* (scatt rough drilling throughout. Rig often changing WOB & RPM to adjust)

Dol cr-gy, fn-md xln, mostly fn & sucrosic text, some md & subrhombic-rhombic text, pr-fr xln por, scatt vugs

4100

Dol cr-gy, fn-md xln, mostly fn & sucrosic text, some md & subrhombic-rhombic text, pr-fr xln por, scatt vugs, some with limestone appearance

conn

Dol cr-gy, fn-md xln, mostly fn & sucrosic text, some md & subrhombic-rhombic text, pr-fr xln por, scatt vugs, some with limestone appearance

4150

Dol cr-gy, fn-md xln, mostly fn & sucrosic text, some md & subrhombic-rhombic text, pr-fr xln por, scatt vugs, some sdy pcs, oom in pt

7:00 AM, March 28, 2015

Mud Check, CTCH @ 4150' RTD:

Vis	Wt	WL	LCM	PV	YP
47	9.0	7.6	7	14	12
Chl	Hd	pH	Solids		
1800	20	9.0	4.9		

RTD 4150 ft, reached at 8:10 am, March 28, 2015!