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**	**Region:**	**Graham County, Kansa**
Spud Date:	**March 19, 2015**	**Drilling Completed:**	**March 28, 2015**
Surface Coordinates:	**570' FSL & 560' FEL, of Section**	**Results:**	**P & A**
Bottom Hole Coordinates:	**Vertcal Wellbore**	**Field:**	**Cooper**
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**		

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.

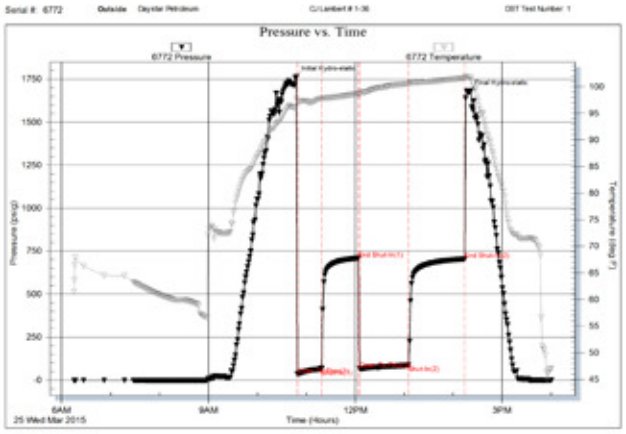
BITS:

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

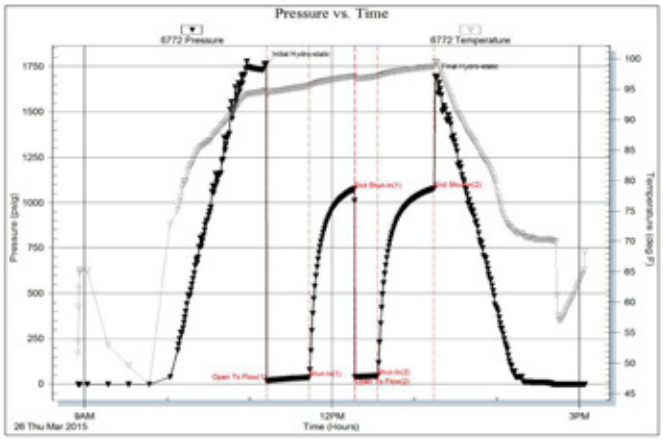
DEVIATION SURVEYS:

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

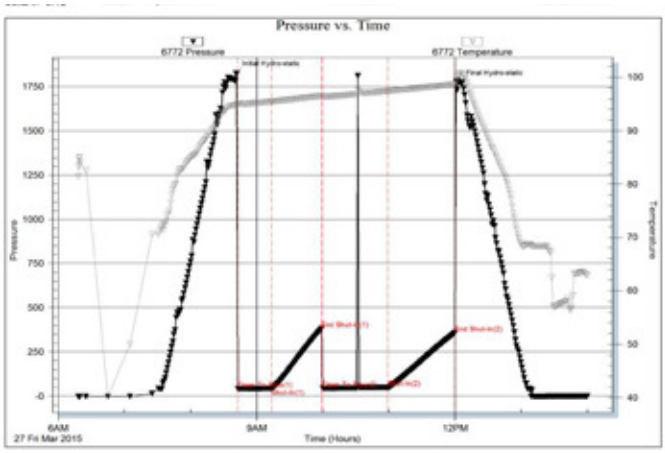
DST #1: 3616-3682 (LKC C,D,E,F)
Times: 30-45-60-60
Initial Open: Wk blow, built to 3.25"
Final Open: Wk blow, built to 3.25"
Rec: 120' mud
IHP: 1757 FHP: 1675
IFP: 35-65 FFP: 66-87
ISIP: 708 FSIP: 703
BHT: 101*F



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
- Bent
- Brec
- Cht
- Clyst
- Black shale/coal
- Congl
- Dol
- Gyp
- Igne
- Lmst
- Meta
- Mrlst
- Salt
- Shale
- Shcol
- Shgy
- Sltst
- Ss
- Till
- Sltysh
- Shlysiltst
- Sandyls

Accessories

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- 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
- Shale
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

Other Symbols

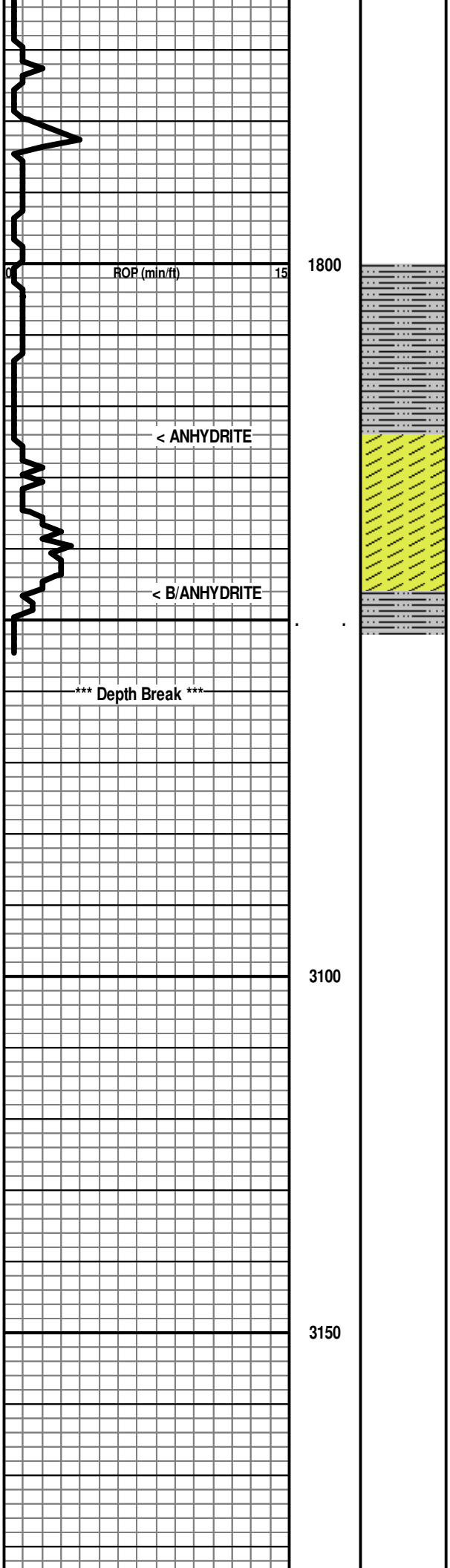
OIL SHOW

- Gas show
- Even
- Spotted
- Trace or questionable
- Dead
- Gas

INTERVAL

- Core
- Dst

ROP (min/ft)	Depth	Lithology	Shows	Geological Descriptions	Remarks
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!

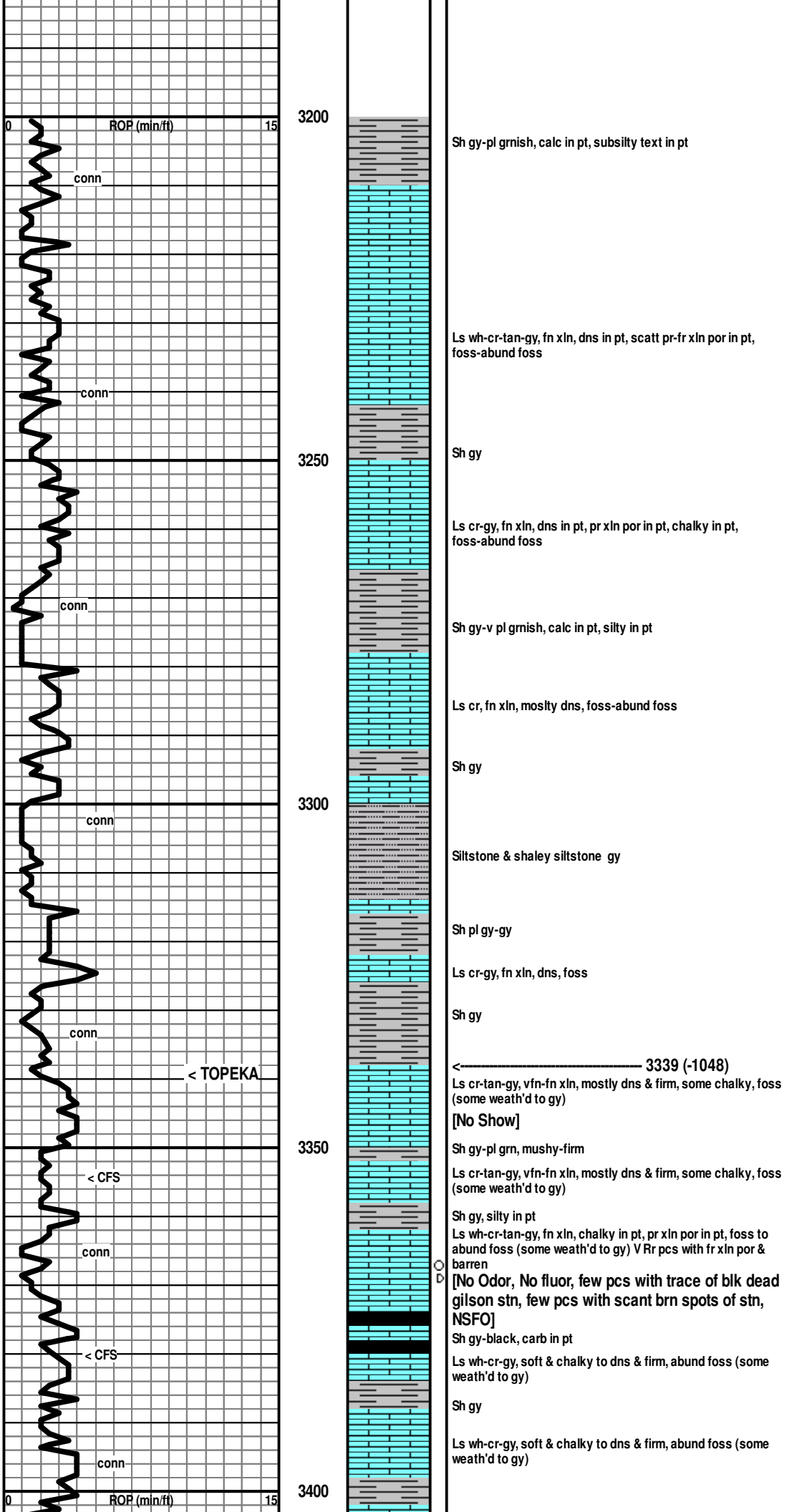
* Geologist used e-log to determine T/Anhydrite! (This Anhy Interval moderately distinct from comparison well)

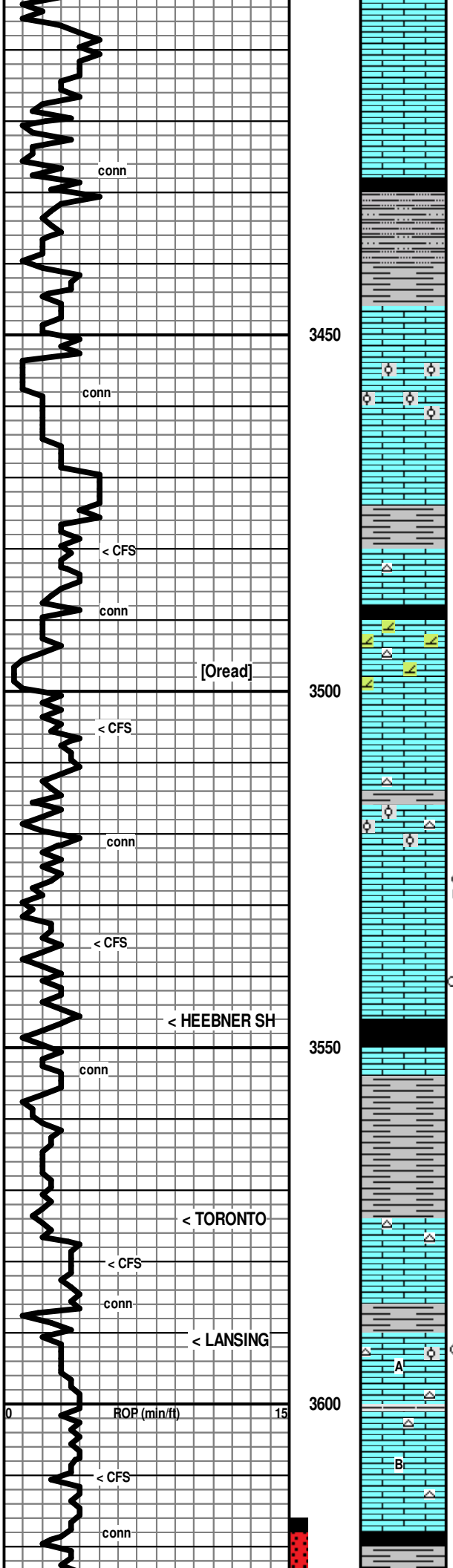
<---------- 1824 (+467)

<---------- 1846 (+445)

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

* Displace & Mudup @ 2990 ft.


0
ROP (min/ft)
15
conn
conn
conn
conn
< TOPEKA
< CFS
conn
< CFS
conn
0
ROP (min/ft)
15
3200
3250
3300
3350
3400
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, moslty 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-gy, fn xln, chalky in pt, pr xln por, some fr xln por, ool in [No Show] part, abund 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!

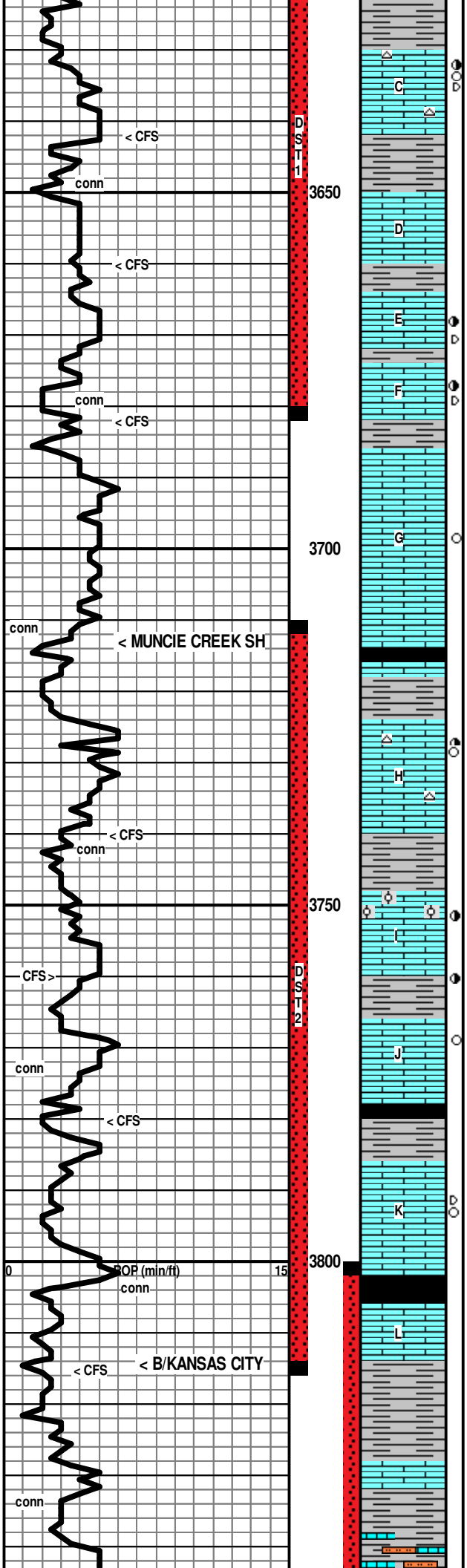
Mud Check, Drlg @ 3473':

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



Ls wh-cr-pl gy, vfn-fn xln, mod am't of chalky, much dns, few pcs per tray of subchalky ls with scatt patchy pr xln por, sli foss, Rr fresh white chert

Show Descr. ---------->

Sh gy-pl grn-grn, subwaxy-subsilty text

Ls wh-cr-pl gy, vfn-fn xln, dns & firm to soft & chalky, foss in pt

[No Show]

Ls wh-cr, vfn-fn xln, mostly dns & firm, some subchalky, few pcs with patches of pr xln por & scant pp pores, sli foss

Show Descr. ---------->

Ls wh-cr, vfn-fn xln, some dns & firm, some subchalky, low % pcs with patches of pr xln por & pp pores, Rr sm vugs, sli foss

Show Descr. ---------->

Sh gy

Ls wh-cr-tan, vfn-fn xln, mostly dns, some subchalky, Rr pcs with xln por, foss in pt

[No Show]

Ls wh-cr, fn xln, mostly dns, Rr por, Sli foss in pt

[No Odor, No fluor, NSFO, few pcs with v scant brn stn]

Ls cr-pl gy, fn xln, dns, scatt calcite patches

<---------- 3713 (-1422)

Sh black, carb

Sh gy-grnish, firm

Ls wh-cr-tan, vfn-fn xln, mostly dns & firm, sub softer & subchalky, V Rr patches of pr xln por, sli foss in pt, chert: sh-gy, fresh, subtransl, foss

[No Odor, few pcs per tray with v dull spotty fluor and patches of lt brn stn, with Trace show of tan-brn micro-drops of FO on brk in Rr pcs]

Sh gy, submic text in pt

Ls wh-cr-tan, vfn-fn xln, mostly dns & firm, Rr pcs with pr xln por, scatt Rr sm vugs, some subchalky & softer, packed ool in pt (mostly well-cem),some pr xln por with show in base of I, foss

[No Odor, few pcs per tray with dull patchy fluor, few pcs per tray with dk brn spotty & patchy stn with Sli shows of dk brn FO & NVL oil on brk, 1 pc with Fr show of dk NVL oil]

Ls wh-cr-tan, fn xln, mostly dns & firm, some subchalky and softer, foss

[No Odor, No fluor, few pcs with scant fnt brn stn, NSFO, may be from I zone?]

Sh mostly gy, some black

Ls wh-cr, fn xln, much subchalky & softer pcs, some dns, scatt pr xln por, foss

[No Odor, No fluor, Few pcs with spots of black gilsonitic flakey stn,NSFO]

Sh dk gy-black, carb in pt

Ls wh-cr-tan, fn xln, much dns, much subchalky, foss

[No Show]

<---------- 3814(-1523)

Sh gy-grnish-red, scatt foss

Ls cr-tan, fn xln, dns, foss

Sh gy-grn-reddish

silty Ls cr, fn xln, dns, shaley in pt to Shales gy-grn-black-red,

IFP: 35-65 FFP: 66-87
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		

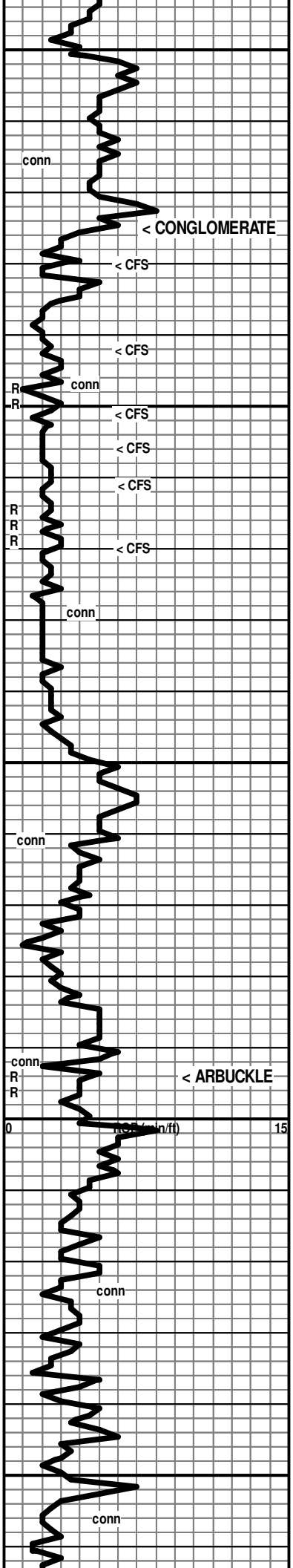
DST #2: 3710-3815 (LKC H,I,J,K,L)
Times: 30-30-15-30
Initial Open: Wk, interm surf thru-out
Final Open: None
Rec: 63' mud
IHP: 1763 FHP: 1695
IFP: 19-37 FFP: 39-46
ISIP: 1074 FSIP: 1078
BHT: 99.4*F

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

3900

3950

4000

4050

DST 3

silty to calc laminations

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

Shales red-gy-grn

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 intergrnlr por in pt, pr crush, chert: fresh to weath'd & vuggy

.3901-3906: some of above; some vc shales red-grn-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-grn-gy, subsilty to subwaxy

3960' spl: 60% cherts: fresh-grainy text, wh-cr-yell-or; 30% shales: red-yell-grn-gy, some sdy; some shaley Sd gy-red, fn grn, 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-grn; some subwaxy-subearthy shales grn-red; 40% chert, sdy in pt, wh-cr-tan-yell-reddish or, foss & spic in pt

* Taking Wt & RPM off bit when Rough!

4000' spl: mostly various colored cherts, sds and shales with pr-fr crush in pt, some grnish-yell subwaxy shale, Rr pcs of waxy turq shale; Mod am't 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

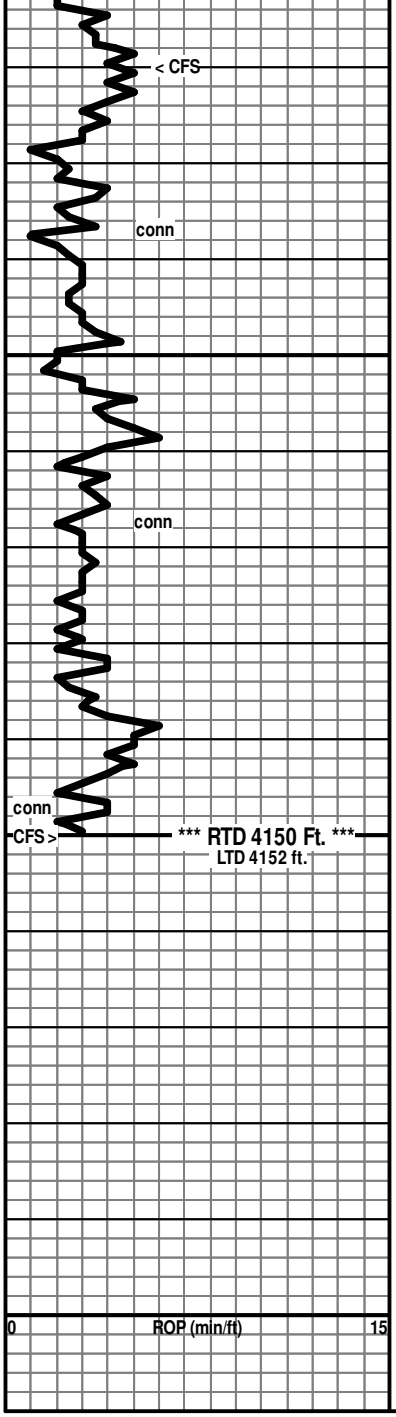
Mud Check,TOOH @ 3911':

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]



4100

4150

4200

* (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

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

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

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!