

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1173556

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- ☐ New Well ☐ Re-Entry ☐ Workover
- ☐ Oil ☐ WSW ☐ SWD ☐ SIOW
- ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
- ☐ OG ☐ GSW ☐ Temp. Abd.
- ☐ CM (Coal Bed Methane)
- ☐ Cathodic ☐ Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- ☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
- ☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer
- ☐ Commingled Permit #: _____
- ☐ Dual Completion Permit #: _____
- ☐ SWD Permit #: _____
- ☐ ENHR Permit #: _____
- ☐ GSW Permit #: _____

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

☐ Confidentiality Requested

Date: _____

☐ Confidential Release Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☐ II ☐ III Approved by: _____ Date: _____



1173556

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sheets)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No (If No, skip questions 2 and 3)

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 3)

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No (If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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OPERATOR

Company: TRANS PACIFIC OIL CORPORATION
Address: 100 S MAIN
SUITE 200
WICHITA, KS 67202
Contact Geologist: BETH A. ISERN
Contact Phone Nbr: (316) 262-3596
Well Name: HARPER 'B' UNIT #1-13
Location: N2 N2 N2 NW Sec. 13 - 17S - 27
Pool: API: 15-101-22476-00-00
State: KANSAS
Field: WILDCAT
Country: USA

Scale 1:240 Imperial

Well Name: HARPER 'B' UNIT #1-13
Surface Location: N2 N2 N2 NW Sec. 13 - 17S - 27
Bottom Location:
API: 15-101-22476-00-00
License Number: 6408
Spud Date: 11/19/2013
Region: LANE COUNTY, KANSAS
Drilling Completed: 11/25/2013
Surface Coordinates: 01' FNL & 1320' FWL
Bottom Hole Coordinates:
Ground Elevation: 2557.00ft
K.B. Elevation: 2566.00ft
Logged Interval: 3600.00ft
Total Depth: 4600.00ft
Formation: LANSING - KANSAS CITY
Drilling Fluid Type: FRESH WATER / CHEMICAL GEL

Time: 3:15 AM
Time: 2:24 PM
To: 4604.00ft

SURFACE CO-ORDINATES

Well Type: Vertical
Longitude: -100.2614327
N/S Co-ord: 01' FNL
E/W Co-ord: 1320' FWL
Latitude: 38.5814485

LOGGED BY

Company: SOLUTIONS CONSULTING, INC.
Address: 108 W 35TH
HAYS, KS 67601

Phone Nbr: (785)259-3737
Logged By: Geologist
Name: JEFF LAWLER

CONTRACTOR

Contractor: DUKE DRILLING COMPANY, INC.
Rig #: 4
Rig Type: MUD ROTARY
Spud Date: 11/19/2013
TD Date: 11/25/2013
Rig Release: 11/26/2013

Time: 3:15 AM
Time: 2:24 PM
Time: 12:00 PM

ELEVATIONS

K.B. Elevation: 2566.00ft
K.B. to Ground: 9.00ft
Ground Elevation: 2557.00ft

NOTES

THE HARPER 'B' UNIT #1-13 RAN STRUCTURALLY LOWER TO MOST WELLS IN THE AREA. THERE WAS SOME THICKENING THROUGH THE FT. SCOTT AND CHEROKEE SECTIONS. THE CHEROKEE SAND WAS RELATIVELY MATURE AND DEVELOPED BUT DID NOT CARRY ANY SHOWS OR STAIN. THE CONGLOMERATE









AFTER LOG ANALYSIS OPERATOR MADE THE DECISION TO PLUG AND ABANDON THE HARPER 'B' UNIT #1-13.

RESPECTFULLY SUBMITTED,
JEFF LAWLER

WELL COMPARISON SHEET

				H						H						P&A 6-84						●									
				VIKING RESOURCES						CHIEF DRILLING CO., INC.						D.R. LAUCK OIL CO., INC.						TRANS PACIFIC OIL CORP.									
				DOUGLAS #1 OWWO						HAGANS' B' #1						JOHNSON 'A' #1						HANKS 'B' #1-14									
				SW NW SW 13-17-27						E2 NW NE 14-17-27						N2 N2 NW 18-17-26						NE SW NE SE 14-17-27									
				HARPER 'B' UNIT #1-13																											
				KB	2566	GL	2557	KB		2589		KB		2556		KB		2562		KB		2608									
				LOG TOPS		SAMPLE TOPS		COMP. CARD		LOG		SMPL.		LOGS		LOG		SMPL.		COMP. CARD		LOG		SMPL.		LOGS		LOG		SMPL.	
FORMATION				DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.
ANHYDRITE TOP				1970	596	1960	606	1986	603	-	7	+	3	1950	606	-	10	+	0	1949	613	-	17	-	7	2010	598	-	2	+	8
BASE				1993	573	1993	573						1982	574	-	1	-	1							2041	567	+	6	+	6	
HEEBNER SHALE				3849	-1283	3844	-1278	3860	-1271	-	12	-	7	3814	-1258	-	25	-	20	3849	-1287	+	4	+	9	3875	-1267	-	16	-	11
TORONTO				3870	-1304	3864	-1298	3882	-1293	-	11	-	5	3834	-1278	-	26	-	20							3896	-1288	-	16	-	10
LANSING				3890	-1324	3878	-1312	3902	-1313	-	11	+	1	3850	-1294	-	30	-	18	3890	-1328	+	4	+	16	3913	-1305	-	19	-	7
MUNCIE CREEK				4045	-1479	4043	-1477							4010	-1454	-	25	-	23							4073	-1465	-	14	-	12
STARK SHALE				4143	-1577	4139	-1573							4113	-1557	-	20	-	16	4142	-1580	+	3	+	7	4169	-1561	-	16	-	12
BKC				4211	-1645	4207	-1641	4249	-1660	+	15	+	19	4188	-1632	-	13	-	9							4242	-1634	-	11	-	7
MARMTON				4239	-1673	4235	-1669							4214	-1658	-	15	-	11	4257	-1695	+	22	+	26	4270	-1662	-	11	-	7
PAWNEE				4303	-1737	4303	-1737	4362	-1773	+	36	+	36	4281	-1725	-	12	-	12	4343	-1781	+	44	+	44						
FORT SCOTT				4403	-1837	4397	-1831	4413	-1824	-	13	-	7	4376	-1820	-	17	-	11	4406	-1844	+	7	+	13	4428	-1820	-	17	-	11
CHEROKEE SHALE				4429	-1863	4423	-1857	4436	-1847	-	16	-	10	4399	-1843	-	20	-	14	4431	-1869	+	6	+	12	4453	-1845	-	18	-	12
CHEROKEE SAND				4506	-1940	4496	-1930							4472	-1916	-	24	-	14	4500	-1938	-	2	+	8						
CONGL. CERT				4490	-1924	4489	-1923												4514	-1952	+	28	+	29							
MISSISSIPPIAN				4552	-1986			4508	-1919	-	67			4504	-1948	-	38			4529	-1967	-	19			4534	-1926	-	60		
TOTAL DEPTH				4604	-2038	4600	-2034	4580	-1991	-	47	-	43	4550	-1994	-	44	-	40	4585	-2023	-	15	-	11	4534	-1926	-	112	-	108

ROCK TYPES

 Cht
  Lmst fw7>
  Carbon Sh
  Shcol
 Cht vari
 shale, grn
 Shblack
 Lscongl
 Dolprim
 shale, gry
 shale, red

ACCESSORIES

MINERAL **FOSSIL** **STRINGER**
 • Sandy ♀ Oolite ~~~~ Chert
 ⚡ Oomoldic

OTHER SYMBOLS

DST

-  DST Int
-  DST alt

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

Curve Track #1			Depth Intervals	DST	Lithology	Oil Show	Geological Descriptions	Curve Track #3
ROP (min/ft)	Gamma (API)	Cal (in)						
0	150	16	5430					1:240 Imperial
6	150	16	3500				1' DRILL TIME THROUGH ANHYDRITE FROM 1925' - 2025'	

1' DRILL TIME FROM 3500' - RTD
10' WET/DRY SAMPLES FROM 3700' - RTD

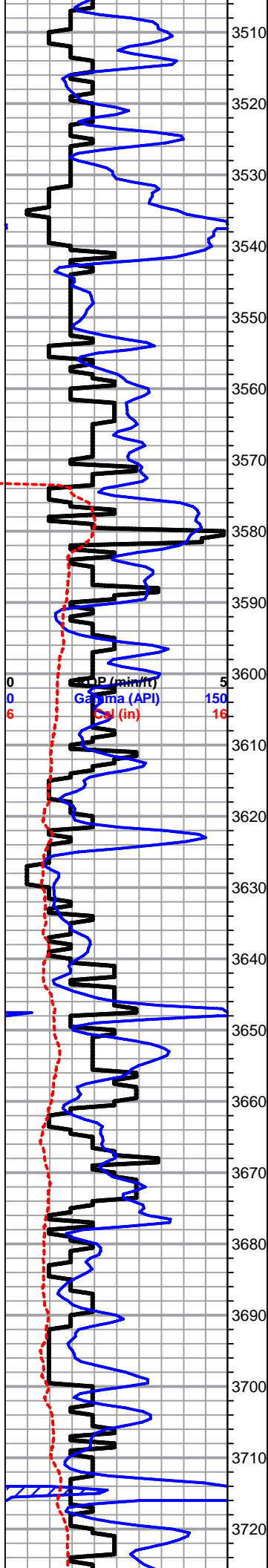
GEOLOGICAL SUPERVISION BY JEFF LAWLER FROM 3600' - RTD

8 5/8" SURFACE PIPE SET @ 224' SURVEY 3/4 dgr.

ANHYDRITE TOP 1960' (+606) E-LOG 1971' (+595)
BASE 1993' (+573) E-LOG 1994' (+572)

SURVEY

224'	3/4
1004'	0
1501'	1/2
1997'	3/4
2499'	3/4
2998'	3/4
4600'	3/4



Sh- Black Maroon Lm Green, dense, well compacted, carbonaceous, sl sandy, silty & calcareous

Lm- Cream Tan, Vf-Fn Grn, chalky mud supported matrix, loosely cemented, soft, mottled, few pcs of arenaceous FXLN ls w/ fn ppt porosity, barren

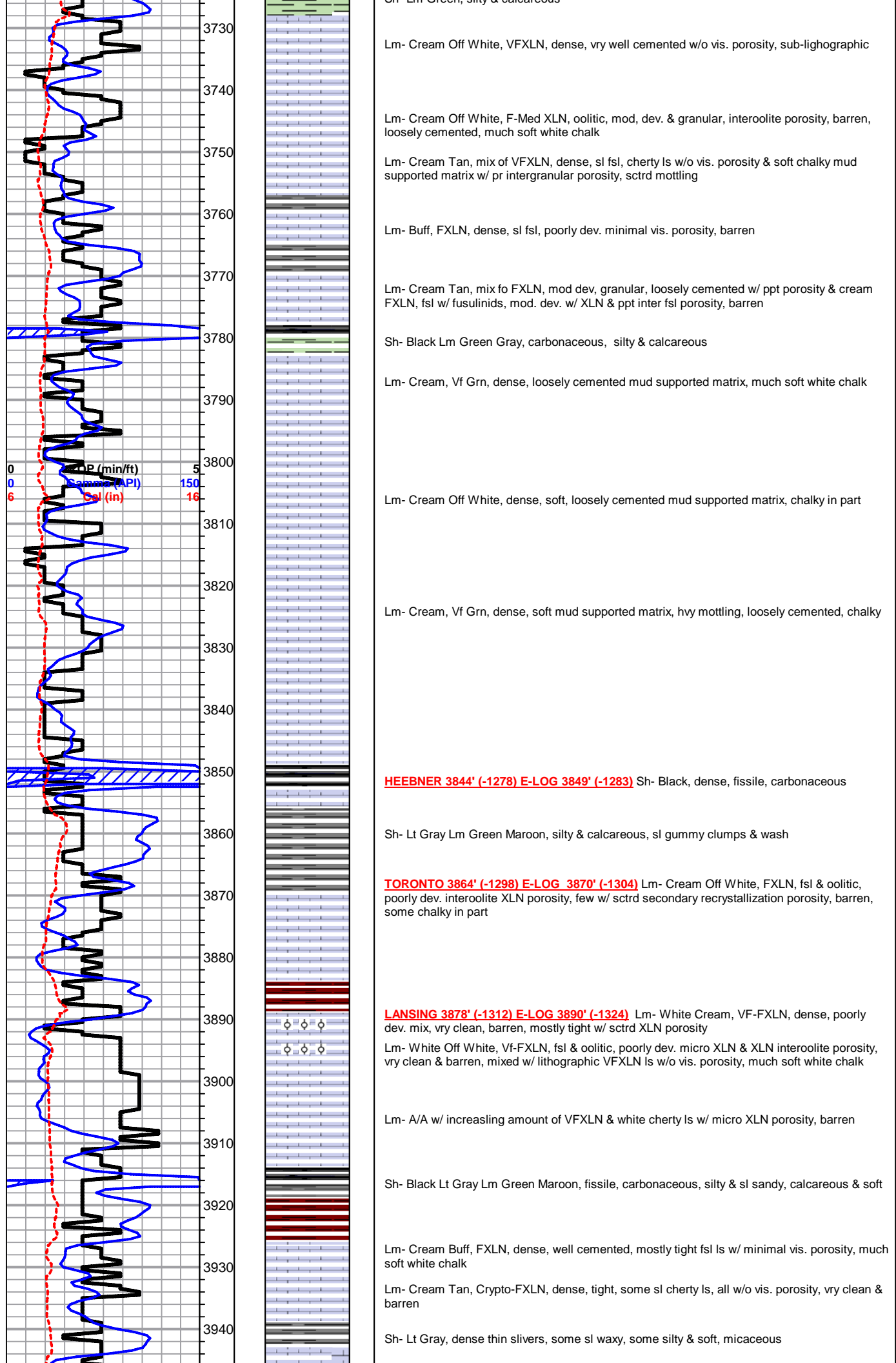
Lm- Cream Tan, Fn Grn, fsl, sl granular, chalky mud supported matrix, mod. dev. w/ fn intergranular porosity, barren, hvy mottling

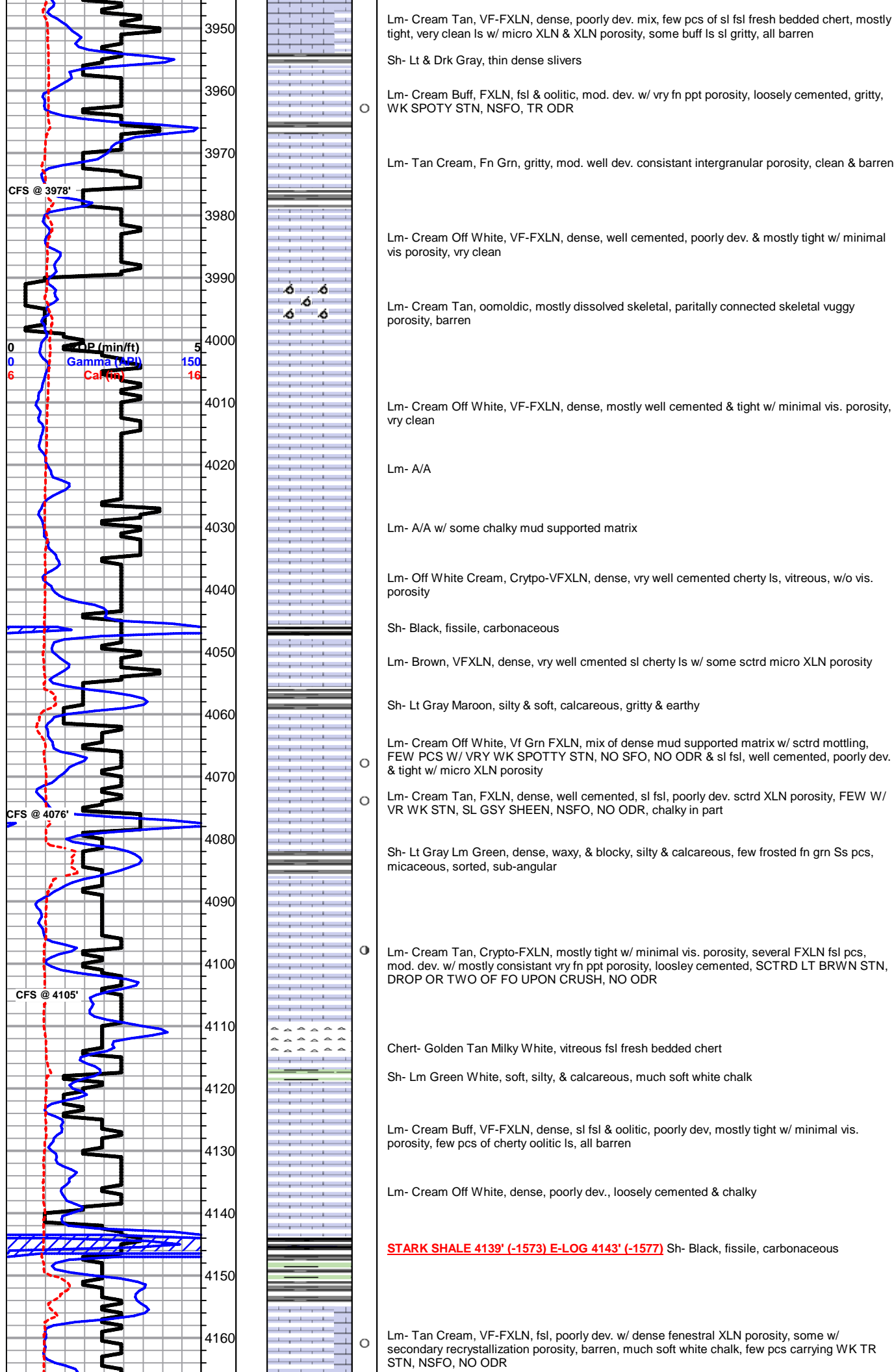
Lt Gray, gummy argillaceous clumps

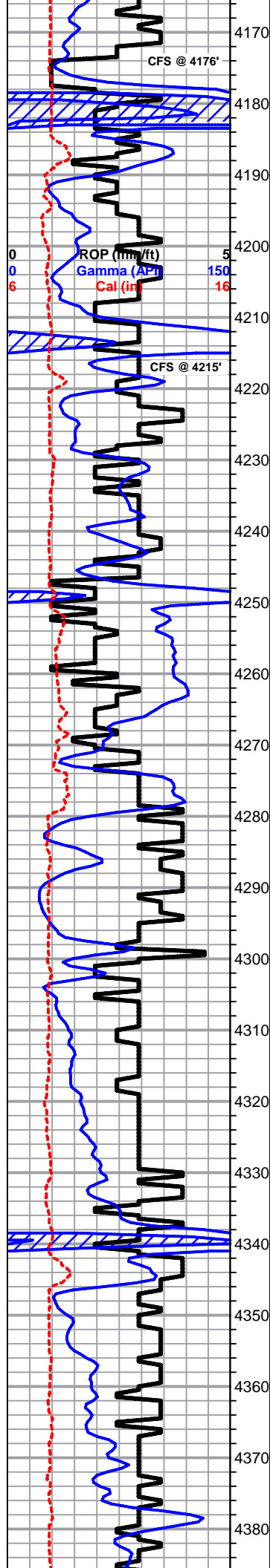
Lm- Cream Tan, mix of FXLN, gritty & granular, mod dev. w/ XLN porosity, tan VFXLN, dense, vry well cemented, tight w/ minimal vis. porosity, all w/ sctrd mottling

Sh- Black Maroon, fissile, carbonaceous, gritty & earthy

Sh- Lm Green, silty & calcareous







Lm- Buff, FXLN, dense, fsl, poorly dev. well cemented, sctrd XLN porosity, fresh bedded chert & cherty ls

Sh- Black, fissile, dense, carbonaceous

Sh- Lt Gray Maroon Lm Green, silty & calcareous, some wash, gritty & earthy, much soft white chalk

Lm- Cream Off White, Vf Grn FXLN, mix of fsl well cemented, poorly dev. FXLN, dense w/ micro XLN porositiy, & soft mud supported matrix, most loosely cemented, tight w/ minimal vis. intergranular porosity, chalky

Lm- Cream Off White, FXLN, dense, fsl, well cemented & poorly dev. w/ XLN porosity, barren

BKC 4207' (-1641) E-LOG 4211' (-1645) Sh- Black, fissile, carbonaceous, some black wash

Sh- Lm Green Lt Gray, waxy & dense, silty, sl pebbley

Lm- Cream Off White, VF-FXLN, dense, loosely cemented, sl grainy, sctrd to dense XLN porosity, barren

Sh- Lm Green Gray, soft, vry silty, calcareous

MARMATON 4235' (-1669) E-LOG 4239' (-1673) Lm- Cream Off White, VF-FXLN, dense tight mix, some well cemented w/ micro XLN porosity & sctrd crystallization secondary porosity, & dense mud supported matrix, loosely cemented, all vry clean & barren

Sh- Lm Green Gray, waxy, crumbly, pebbley, gummy argillaceous clumps

Sh- Mustard Yellow White, gummy argillaceous clumps

Lm- Mustard Yellow, unconsolidated weathered & reworked appearance, XLN porosity, barren, trashy

Sh- Maroon, wash & gummy argillaceous clumps, some sandy lime

Lm- Cream Off White, VF-FXLN, dense, loosely cemented, poorly dev. & mostly tight w/ micro XLN porosity

Lm- Cream Off White, VF-FXLN Vf Grn, dense tight mix, all poorly dev., FXLN well cemented w/ micro XLN porosity, & mud supported matrix soft, loosely cemented & chalky, all vry clean

PAWNEE 4303' (-1737) E-LOG 4303' (-1737) Lm- Cream Off White, FXLN, dense, vry well cemented, mostly tight w/ micro XLN porosity, some chalky mud supported matrix, vry clean

Lm- Buff, VF-FXLN Vf Grn, dense tight mix, all vry well cemented, poor vis. porosity

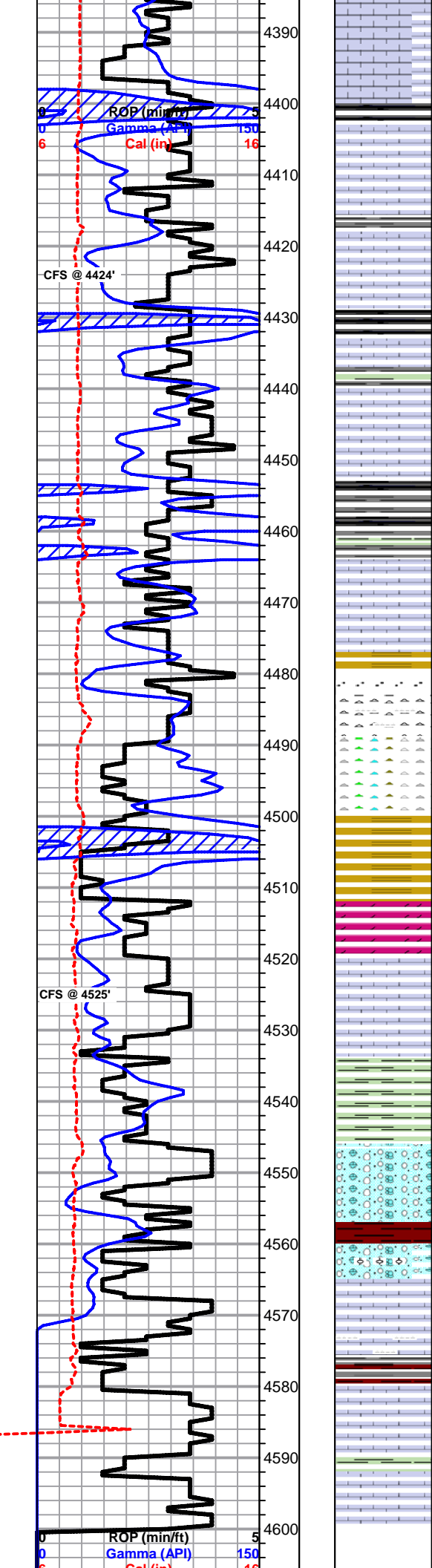
Sh- Black Lt Gray, fissile, carbonaceous, silty, calcareous

Lm- Buff, VF-FXLN Vf Grn, dense tight mix, poorly dev. some mud supported matrix, all w/ minimal vis. porosity

Lm- Cream Off White, Vf-Fn Grn, dense mud supported matrix, chakly in part, poor vis. porosity

Sh- Black Drk Gray, vry silty, soft, calcareous

Lm- White Off White, dense, soft, mud supported matrix, chalky in part



Sh- Black, dense, vry well compacted, near lithofied, carbonaceous

FT SCOTT 4397' (-1831) E-LOG 4403' (-1837) Lm- Cream Tan, FXLN, dense, loosely cemented, sl fsl, poorly dev. & mostly tight w/ dense XLN porosity, some w/ small pyrite veins, barren, some chalky in part

Lm- A/A, increasing amount of tan, VFXLN, dense, vry well cemented, oolitic biomicrite w/ sctrd micro XLN porosity



Lm- Buff, FXLN, dense, well cemented, mostly tight, some w/ sctrd vry fn ppt porosity, VRY SCTRD LT BRWN STN, SL FLAKEY, SL TR SFO UPON CRUSH, NO ODR, LT YLW FLOR & SLW STRM WET CUT

CHEROKEE SHALE 4423' (-1857) E-LOG 4429' (-1863) Sh- Black, fissile, carbonaceous

Lm- Cream Off White, VF-FXLN Vf Grn, dense tight mix, well cemented, sub-lithographic w/ minimal vis. porosity & chalky mud supported matrix, all vry clean

Lm- Cream Tan, VF-FXLN, dense, most all well cemented, sctrd micro XLN & XLN porosity, barren

Lm- Tan, VFXLN, dense, vry well cemented, tight cherty ls w/o vis. porosity

Lm- Cream Off White, Vf Grn, dense, chalky mud supported matrix, poor vis. porosity

Sh- Purple, crumbly waxy Ss- Clear to Semi-Frosted, Fn-Med Grn, mix of consolidated, poorly sorted, mature, vry friable, clean & unconsolidated and shaley, friable, poorly sorted, sub-angular, barren

Cherty Conglomerate- Mustard Ylw Salmon White, some gritty dolomitic chert, most bedded chert Ss- A/A w/ mint green tint, vry friable and clean, mature & poorly sorted

Conglomerate Chert- Mustard Drk Maroon, trashy reworked chert, some fsl

Dol- Buff, VFXLN, dense, vry well cemented, tight w/ minimal vis. porosity, clean & barren, much soft white chalk

Lm- Cream Off White, FXLN, sl fsl, well cemented, sctrd-dense XLN porosity, clean & barren

Lm- Cream Off White, Vf-Fn Grn, dense, sl oolitic, loosely-well cemented mud supported matrix w/ poor intergranular porosity, much soft white chalk, barren

Sh- Lt Gray Pea Green Maroon White, gritty, conglomerate, massive, some sl pebbly, trashy, much soft white chalk

MISSISSIPPIAN E-LOG 4551' (-1985) Lm Conglomerate- Cream w/ Maroon Tint, FXLN, reworked, loosely cemented, sl oolitic, XLN porosity, barren

Lm- Cream, A/A w/ trashy pebbly shale lenses, much soft white chalk

Lm- Cream, A/A, oolitic, clean cherty ls

Lm- Cream, FXLN, dense, vry well cemented, sl dolomitic ls w/ poor XLN porosity, barren, several pcs of white fresh bedded chert

Lm- Cream Off White, VF-FXLN, dense, tight, vry well cemented, tight w/ micro XLN porosity, poorly dev., clean

Sh- Gray Maroon Mint Green, silty, gritty & earthy, mint green sh w/ rounded qtz inclusions & pyrite

Lm- Cream Off White, FXLN, dense tight cherty ls w/ XLN porosity, sl oolitic, barren

RTD 4600' (-2034) LTD 4604' (-2038) @ 14:24 11/25/2013

Harper B Unit 1-13

API:15-101-22476

STR: 13-17S-27W

County: Lane

Log Tops:

Anhydrite	1964' (+ 602)	-3'
B/Anhydrite	1995' (+ 571)	-3'
Heebner	3849' (-1283)	-25'
Lansing	3890' (-1324)	-30'
Stark	4143' (-1577)	-20'
BKC	4211' (-1645)	-13'
Marmaton	4239' (-1673)	-15'
Fort Scott	4403' (-1837)	-17'
Cher Shale	4429' (-1863)	-20'
Mississippian	4506' (-1940)	-23'
RTD	4600' (-2034)	

ALLIED OIL & GAS SERVICES, LLC 061966

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTH LAKE, TEXAS 76092

SERVICE POINT: Grayband 1C

DATE <u>11-19-13</u>	SEC. <u>13</u>	TWP. <u>17</u>	RANGE <u>27</u>	CALLED OUT	ON LOCATION	JOB START <u>6:30 AM</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>Harper</u>	WELL # <u>1-13</u>	LOCATION <u>Utica West to rd line</u>			COUNTY <u>Lane</u>	STATE <u>TX</u>	
OLD OR <u>NEW</u> (Circle one)			<u>4 South west into</u>				

CONTRACTOR Duke 4

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D.

CASING SIZE 4 5/8 DEPTH 224.10

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15 FT

PERFS.

DISPLACEMENT 13.31 bbl Fresh water

EQUIPMENT

PUMP TRUCK CEMENTER Josh Lene

395 HELPER Andy Emple

BULK TRUCK

609-112 DRIVER Tommy Tijerina

BULK TRUCK

DRIVER

REMARKS:

On location - Rig up - had safety meeting
Run 8 5/8 casing - Break circulation w/ Rig mud
Run 4 1/2 bbl Fresh water ahead
Mix 150 SKS Class A 3 1/2 cc 2 1/2 gal
Drop plug
Displace 13.31 bbl Fresh water - Shut in
Cement did circulate 7:30 PM
Rig down

CHARGE TO: Trans Pac

STREET

CITY STATE ZIP

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME X Rich Wheeler

SIGNATURE X Rich Wheeler

Thank you!! No Copy

OWNER

CEMENT

AMOUNT ORDERED 150 SKS Class A 3 1/2 cc
2 1/2 gal

COMMON	<u>150</u>	@	<u>17.90</u>	<u>2685.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>23.40</u>	<u>70.20</u>
CHLORIDE	<u>400</u>	@	<u>.80</u>	<u>320.00</u>
ASC	<u>9</u>	@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>102.09</u>	@	<u>3.48</u>	<u>406.98</u>
MILEAGE	<u>714 X 35</u>	X	<u>2.60</u>	<u>673.40</u>
TOTAL				<u>4150.58</u>

SERVICE

DEPTH OF JOB	<u>224.10</u>
PUMP TRUCK CHARGE	<u>1512.25</u>
EXTRA FOOTAGE	@
MILEAGE	<u>HVM 35 @ 7.70</u> <u>269.50</u>
MANIFOLD	@
	<u>LVM 35 @ 4.40</u> <u>154.00</u>
	@

TOTAL 1935.75

PLUG & FLOAT EQUIPMENT

	@
<u>Wooden Plug</u>	@ <u>107.64</u> <u>107.64</u>
	@
	@

TOTAL 107.64

SALES TAX (If Any)

TOTAL CHARGES 6743.97

DISCOUNT -1238.79 IF PAID IN 30 DAYS

\$ 4955.18

ALLIED OIL & GAS SERVICES, LLC 061037

Federal Tax I.D. # 20-3651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

11-25-13 | 11-26-13 Great Bend 12

DATE <u>11-26-13</u>	SEC. <u>13</u>	TWP. <u>12</u>	RANGE <u>27</u>	CALLED OUT <u>11:00 PM</u>	ON LOCATION <u>3:00 AM</u>	JOB START <u>3:45 AM</u>	JOB FINISH <u>5:45 AM</u>
LEASE <u>Harper</u>	WELL # <u>1-13</u>	LOCATION <u>Wheat In Co. LV</u>			COUNTY <u>Lane</u>	STATE <u>Ka</u>	
OLD OR <u>NEW</u> (Circle one)			<u>4 South, West into</u>				

CONTRACTOR Dude 4
TYPE OF JOB Plug
HOLE SIZE 7 7/8 T.D. 4600'
CASING SIZE DEPTH
TUBING SIZE DEPTH
DRILL PIPE 4 1/2 DEPTH 1980'
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER Some
CEMENT
AMOUNT ORDERED 28000 60/40 48000
1/4 # flow 1/2

COMMON	168	@ 17.90	3.007.20
POZMIX	112	@ 9.35	1.047.20
GEL	10	@ 23.40	234.00
CHLORIDE		@	
ASC		@	
<u>Flow 1/2</u>	70	@ 2.97	207.90
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	301.32	@ 2.48	747.27
MILEAGE	12.57 x 35 x	2.60	1.144.33
TOTAL			6.387.87

EQUIPMENT
PUMP TRUCK CEMENTER Tom Dickson
398 HELPER Amy Fingle
BULK TRUCK
609-112 DRIVER Alex Orlane
BULK TRUCK
DRIVER

REMARKS:
5000 @ 1980'
8000 @ 1200'
5000 @ 1000'
5000 @ 240'
2000 @ 60'
3000 in 2000'

CHARGE TO: Tam Pacific
STREET
CITY STATE ZIP

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME X Rich Wheeler

SIGNATURE X Rich Wheeler

SERVICE
DEPTH OF JOB 1980'
PUMP TRUCK CHARGE 2810.84
EXTRA FOOTAGE @
MILEAGE HVM 35 @ 7.70 269.50
MANIFOLD @
LVM 35 @ 4.40 154.00

TOTAL 3.234.34

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL

SALES TAX (If Any)
TOTAL CHARGES 9.622.23
1.924.98
DISCOUNT IF PAID IN 30 DAYS

7.697.25
RECEIVED
DEC 09 2013

BY: