KOLAR Document ID: 1387690

Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33813
Name: Jason Oil Company, LLC
Address 1: 3718- 183RD ST
Address 2: PO BOX 701
City: RUSSELL State: KS Zip: 67665 + 0701
Contact Person: SHELDON WEIGEL
Phone: (785) 483-4204
CONTRACTOR: License # 99977
Name: Quality Oil Well Cementing
Wellsite Geologist: JEFF LAWLER
Purchaser:

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☑ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ 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 EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

11/29/2017 Spud Date or Recompletion Date
12/06/2017 Date Reached TD
01/06/2018 Completion Date or Recompletion Date

API No.: 15-167-24071-00-00
Spot Description:
N2 - NE - NE - SE Sec. 29 Twp. 14 S. R. 14 ☐ East ☑ West
2645 Feet from ☑ North / ☐ South Line of Section
330 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Russell
Lease Name: SCHOENBERGER A Well #: 2
Field Name:
Producing Formation: ARBUCKLE
Elevation: Ground: 1810 Kelly Bushing: 1815
Total Vertical Depth: 3320 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 260 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: 600 ppm Fluid volume: 4500 bbls
Dewatering method used: Evaporated
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** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 02/12/2018

Operator Name: Jason Oil Company, LLC Lease Name: SCHOENBERGER A Well #: 2

Sec. 29 Twp. 14 S. R. 14 ☐ East ☑ West County: Russell

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☐ Yes ☑ No

Geologist Report / Mud Logs ☑ Yes ☐ No

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum
Attached Attached Attached

CASING RECORD ☐ New ☑ 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
Surface	12.25	8.625	23	260	COM	136	170 80/20 3, 2
Production	7.875	5.5	15.5	3320	COM	400	280 80/20 QMDC 1/4#FLO 150 70/30 10

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/ Injection:	Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Jason Oil Company, LLC
Well Name	SCHOENBERGER A 2
Doc ID	1387690

Tops

Name	Top	Datum
DOVER	2392	-577
TARKIO LM	2487	-672
TOPEKA	2692	-877
HEEBNER	2918	-1103
TORONTO	2936	-1121
LKC	2979	-1164
BKC	3225	-1410
ARBUCKLE	3239	-1424

Form	ACO1 - Well Completion
Operator	Jason Oil Company, LLC
Well Name	SCHOENBERGER A 2
Doc ID	1387690

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	260	COM	136	170 80/20 3, 2
Production	7.875	5.5	15.5	3320	COM	400	280 80/20 QMDC 1/4#FLO 150 70/30 10% SALT 5% GILSONITE 1/4#FLO

Scale 1:240 Imperial

Well Name:	SCHOENBERGER A #2		
Surface Location:	N2 NE NE SE Sec. 29 - 14S - 14W		
Bottom Location:			
API:	15-167-24071		
License Number:	33813		
Spud Date:	12/1/2017	Time:	7:00 PM
Region:	RUSSELL COUNTY		
Drilling Completed:	12/6/2017	Time:	4:26 PM
Surface Coordinates:	2645' FNL & 330' FEL		
Bottom Hole Coordinates:			
Ground Elevation:	1810.00ft		
K.B. Elevation:	1815.00ft		
Logged Interval:	2250.00ft	To:	3320.00ft
Total Depth:	3320.00ft		
Formation:	LANSING - KANSAS CITY; ARBUCKLE		
Drilling Fluid Type:	FRESH WATER / CHEMICAL GEL		

OPERATOR

Company:	JASON OIL COMPANY, LLC		
Address:	3718 183rd ST P.O. BOX 701 RUSSELL, KS		
Contact Geologist:	JIM SCHOENBERGER		
Contact Phone Nbr:	(785) 483-4204		
Well Name:	SCHOENBERGER A #2		
Location:	N2 NE NE SE Sec. 29 - 14S - 14W		
API:	15-167-24071		
Pool:		Field:	GORHAM
State:	KANSAS	Country:	USA

SURFACE CO-ORDINATES

Well Type:	Vertical
Longitude:	-98.8927674
Latitude:	38.8054844
N/S Co-ord:	2645' FNL
E/W Co-ord:	330' FEL

LOGGED BY

BIG CREEK CONSULTING

Company:	BIG CREEK CONSULTING, INC.		
Address:	1909 MAPLE ELLIS, KS 67637		
Phone Nbr:	(785) 259-3737		
Logged By:	GEOLOGIST	Name:	JEFF LAWLER

CONTRACTOR

Contractor:	WW DRILLING		
Rig #:	8		
Rig Type:	MUD ROTARY		
Spud Date:	12/1/2017	Time:	7:00 PM
TD Date:	12/6/2017	Time:	4:26 PM
Rig Release:	12/7/2017	Time:	8:00 AM

ELEVATIONS

K.B. Elevation: 1815.00ft
K.B. to Ground: 5.00ft
Ground Elevation: 1810.00ft

NOTES

WELL COMPARISON SHEET

					P&A 7-90						•						DISPOSAL WELL						•					
					DRISCOLL LEASE OPERATIONS						D-H & L OIL OPERATIONS						WESTGATE-GREENLAND OIL CO						JASON OIL CO., LLLC					
					BERENS #1						RUSCH #6						RUSCH #2						FLEGLER #5					
	SCHOENBERGER A #2				NE NE SE 29-14-14						SE SE NE 29-14-14						W2 SE NE 29-14-14						SW SW NW 28-14-14					
	KB	1815	GL	1810	KB	1811					KB	1813					KB	1811					KB	1803				
	LOG TOPS		SAMPLE TOPS		LOGS		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	803	1012	805	1010	810	1001	+	11	+	9							800	1011	+	1	-	1	780	1023	-	11	-	13
BASE	838	977	838	977																								
TARKIO	2487	-672	2460	-645																			2465	-662	-	10	+	17
TOPEKA	2692	-877	2687	-872	2690	-879	+	2	+	7	2677	-864	-	13	-	8							2668	-865	-	12	-	7
HEEBNER	2918	-1103	2915	-1100	2917	-1106	+	3	+	6	2909	-1096	-	7	-	4							2897	-1094	-	9	-	6
TORONTO	2936	-1121	2933	-1118	2934	-1123	+	2	+	5	2926	-1113	-	8	-	5							2914	-1111	-	10	-	7
LKC	2979	-1164	2974	-1159	2976	-1165	+	1	+	6	2966	-1153	-	11	-	6	2960	-1149	-	15	-	10	2955	-1152	-	12	-	7
BKC	3225	-1410	3221	-1406	3210	-1399	-	11	-	7													3194	-1391	-	19	-	15
ARBUCKLE	3241	-1426			3229	-1418	-	8									3230	-1419	-	7			3208	-1405	-	21		
REAGAN											3224	-1411					3342	-1531					3227	-1424				
LTD	3324	-1509	3320	-1505	3270	-1459	-	50	-	46	3227	-1414	-	95	-	91	3357	-1546	+	37	+	41	3280	-1477	-	32	-	28

DST #1 SAND 3210' - 3254'

Company: Jason Oil Company , LLC
Lease: Schoenberger A #2

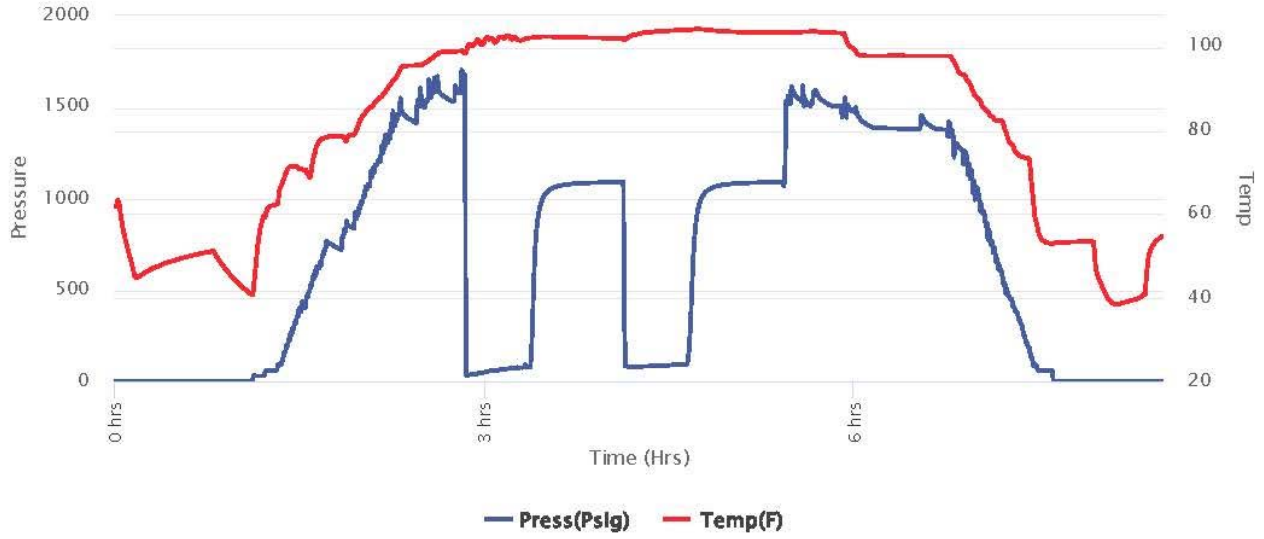
SEC: 29 TWN: 14S RNG: 14W
County: RUSSELL
State: Kansas
Drilling Contractor: WW Drilling, LLC - Rig 8
Elevation: 1812 EGL
Field Name: Gorham
Pool: Infield
Job Number: 94

DATE
December
07
2017

DST #1 Formation: Sand Test Interval: 3210 - 3254' Total Depth: 3324'

Time On: 04:40 12/07 Time Off: 12:56 12/07
Time On Bottom: 07:25 12/07 Time Off Bottom: 09:55 12/07

Electronic Volume Estimate:	1st Open Minutes: 30	1st Close Minutes: 45	2nd Open Minutes: 30	2nd Close Minutes: 45
158'	4.7" at 30 min	0" at 45 min	5.3" at 30 min	0" at 45 min



DST #1 SAND 3210' - 3254'

Company: Jason Oil Company , LLC
Lease: Schoenberger A #2

SEC: 29 TWN: 14S RNG: 14W
County: RUSSELL
State: Kansas
Drilling Contractor: WW Drilling, LLC - Rig 8
Elevation: 1812 EGL
Field Name: Gorham
Pool: Infield
Job Number: 94

DATE
December
07
2017

DST #1 Formation: Sand Test Interval: 3210 - 3254' Total Depth: 3324'

Time On: 04:40 12/07 Time Off: 12:56 12/07
Time On Bottom: 07:25 12/07 Time Off Bottom: 09:55 12/07

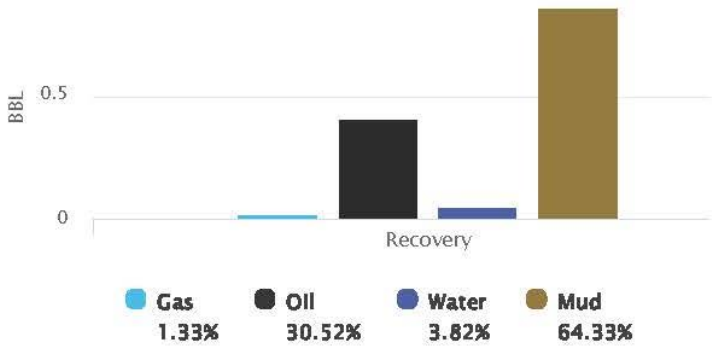
Recovered

Foot	BBLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
50	0.7115	SLWCHMCO	0	52	3	45
60	0.3244334	SLOCM	0	3	0	97
60	0.2952	SLGCSLOCSLWCM	6	9	10	75

Total Recovered: 170 ft
Total Barrels Recovered: 1.3311334

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1532	PSI
Initial Flow	33 to 78	PSI
Initial Closed in Pressure	1089	PSI
Final Flow Pressure	79 to 92	PSI
Final Closed in Pressure	1089	PSI
Final Hydrostatic Pressure	1527	PSI
Temperature	105	°F
Pressure Change Initial Close / Final Close	0.0	%

DST #1 SAND 3210' - 3254' BOTTOM PACKER CHART

Company: Jason Oil Company , LLC

Lease: Schoenberger A #2

SEC: 29 TWN: 14S RNG: 14W
County: RUSSELL
State: Kansas
Drilling Contractor: WW Drilling, LLC - Rig 8
Elevation: 1812 EGL
Field Name: Gorham
Pool: Infield
Job Number: 94

DATE
December
07
2017

DST #1 Formation: Sand Test Interval: 3210 - 3254' Total Depth: 3324'

Time On: 04:40 12/07 Time Off: 12:56 12/07

Time On Bottom: 07:25 12/07 Time Off Bottom: 09:55 12/07

REMARKS:
Initial Flow: 4 1/2 in. blow.
Initial Shut-in: No blow back.
Final Flow: 5 in. blow.
Final Shut-in: No blow back.

Tool Sample: 9% gas, 14% oil, 8% water, 69% mud

Ph: 7.5

RW: .44 @ 66 degrees F

Chlorides: 18,000 ppm

Below Straddle Recorder

ROCK TYPES

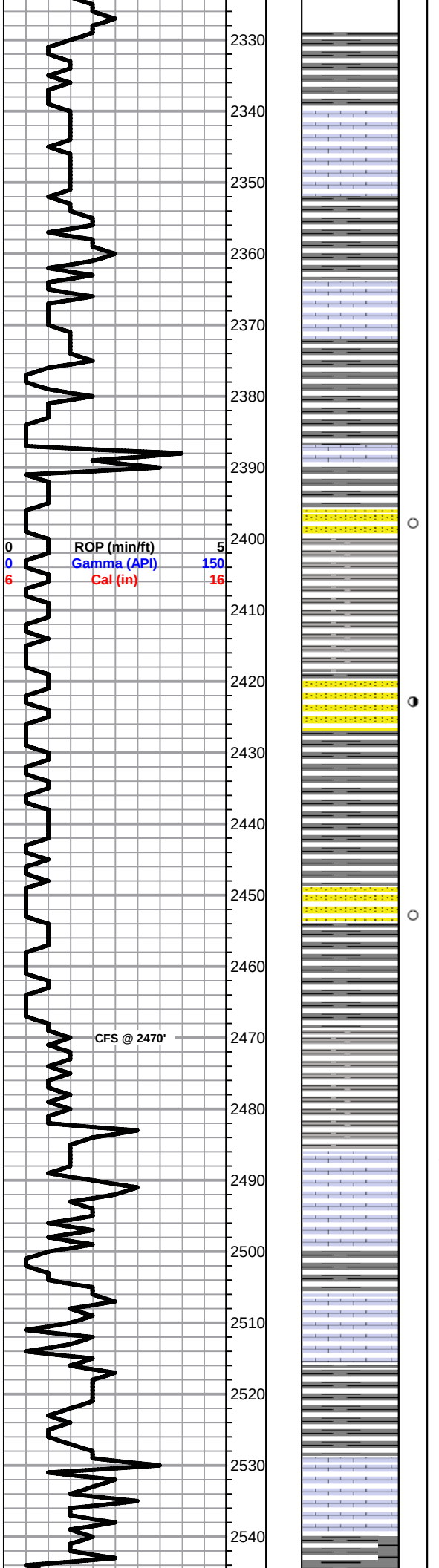
Dolprim
Lmst fw7>
shale, grn
shale, gry
Carbon Sh
Shblck
shale, red
Shcol
Ss

OTHER SYMBOLS

DST
DST Int
DST alt

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)

Curve Track #1 ROP (min/ft) Gamma (API) Cal (in) 1:240 Imperial	Depth | Intervals Cored Interval DST Interval	DST	Lithology	Oil Show	Geological Descriptions	Curve Track #3 1:240 Imperial
0 ROP (min/ft) 5 0 Gamma (API) 150 6 Cal (in) 16	2260 2270 2280 2290 2300 2310 2320				**1' DRILL TIME THROUGH ANHYDRITE FROM 780' - 860'** **10' DRILL TIME FROM 2300' - RTD** **10' WET/DRY SAMPLES FROM 2350' - RTD** **GEOLOGICAL SUPERVISION BY JEFF LAWLER FROM 2300' - RTD** **8 5/8" SURFACE PIPE SET @ 260' SURVEY 1/5 deg.** **ANHYDRITE TOP 805' (+1010) E-LOG 803' (+1012)** **ANHYDRITE BASE 838' (+977) E-LOG 838' (+977)**	



2330 Sh- Gray Maroon, gummy argillaceous clumps

2340 Lm- Gray Cream, FXLN, dense, well cemented, fsl, sctrd XLN porosity, barren

2350

2360 Sh- Maroon Green Gray, abundant argillaceous clumps

2370 Lm- Cream Off White, FXLN, fsl, chalky in part, fsl, well cemented, sctrd XLN porosity, barren

2380

2390 **DOVER 2387' (-572) E-LOG 2392' (-577)**

2400 Ss- Frosted, Fn Grn, consolidated & well sorted, sub-rounded, loosely cemented, semi-friable, lt green speckling, LT STN,WK YLW FLOR, NSFO, NO ODR

Sh- A/A, black fissile organic rich, sl arenaceous

2410 Sh- Black, sl sandy, organic rich, calcareous

2420 Ss- Frosted, Fn Grn, consolidated & well sorted, sub-rounded, loosley cemented, semi-friable, well developed, lt green speckling, DRK STN, YLW FLOR, NSFO, NO ODR

2430

2440

2450 Ss- Black, Vf Grn, loosely cemented, mod. conslidated, sorted, heavily micaceous, some organics, shaley/calcareous, NO STN, WK SHEEN WK HALO FLOR, NSFO, NO ODR

2460

2470 Sh- Black, organic rich, micaceous

2480

TARKIO LIME 2460' (-645) E-LOG 2487' (-672)

2490 Lm- Cream, VFXLN, dense, well cemented & tight w/ min. vis. porosity, barren

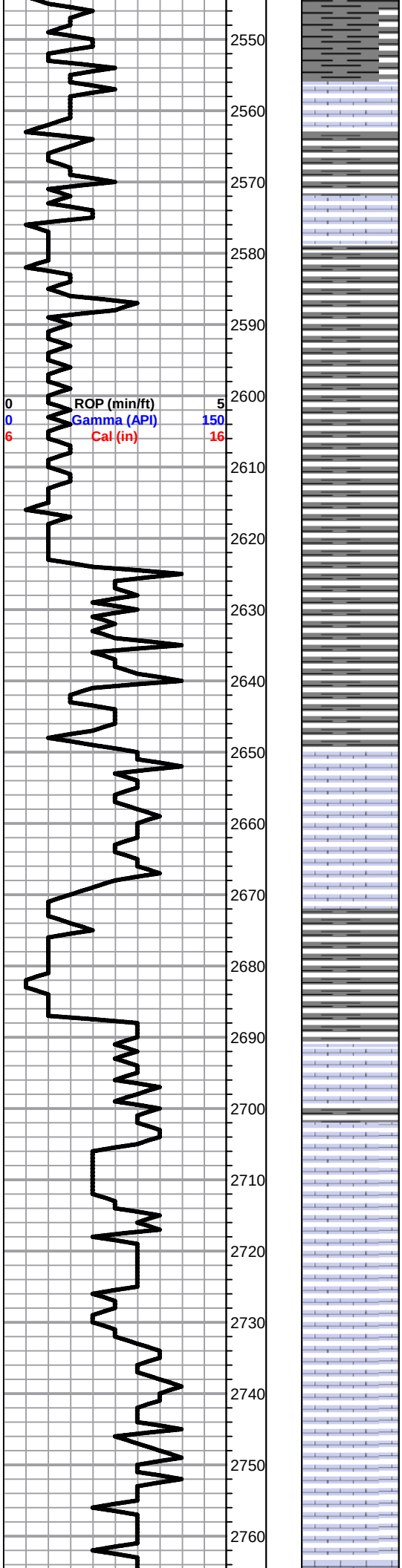
2500 Sh- Gray Lime Green, gummy argillaceous clumps

2510 Lm- Buff Tan Black, FXLN, trashy fsl high-energy mix w/ sctrd XLN to no vis. porosity, barren

2520 Sh- abundant green argillaceous clumps

2530 Lm- Cream Buff, FXLN, fsl & heavily mottled, sctrd XLN porosity, barren

2540



Sh- abundant argillaceous gray clumps

Lm- Tan, VF-FXLN, dense, well cemented, sl fsl, sctrd micro XLN porosity, barren

Sh- Gray White, gummy argillaceous clumps

Lm- Cream, Vf grn, dense, well cemented, sl arenaceous w/ vry fn rounded grain inclusions, poor vis. porosity, barren

Sh- Gray, abundant gummy clumps

Sh- A/A

Sh- abundant argillaceous gray clumps

Sh- A/A w/ some sandy shale, & dense gray slivers

Lm- Cream Tan Buff, FXLN, dense, well cemented, fsl w/ crinoids, sctrd XLN porosity, barren

Lm- Tan Gray, FXLN, fsl trashy high-energy mix, sctrd XLN porosity

Sh- Gray Maroon White, calcareous & chalky, gritty & earthy, gummy white chalk

TOPEKA 2687' (-872) E-LOG 2692' (-877) Lm- Tan Brown, FXLN, fsl high-energy mix, some densely packed w/ fsl & fsl fragments, sctrd XLN porosity, barren

Lm- Cream, VFXLN, Vf Grn, dense tight mix, some mud supported matrix, all w/ poor vis. porosity, vry clean & barren

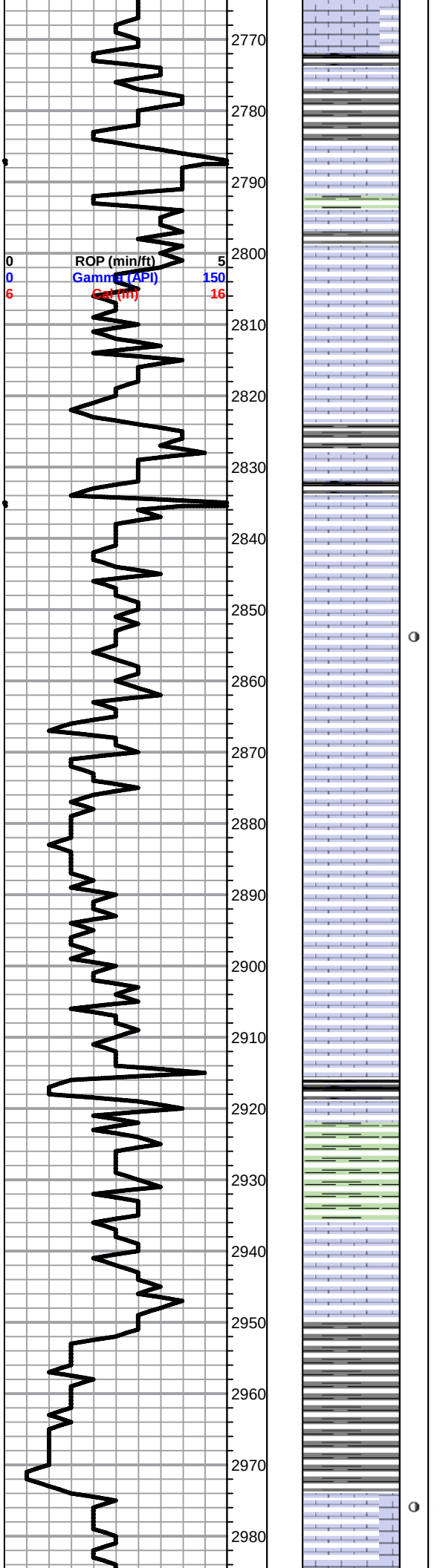
Sh- Gray, calcareous & gummy clumps

Lm- A/A w/ few pcs of golden brown fsl fresh bedded chert/cherty Ls

Lm- Cream Off White, FXLN, well cemented, sl sandy & granular, sctrd XLN porosity, barren, a few sl chalky in part

Lm- Tan, FXLN, fsl, some fsl fragments, dense XLN porosity

Lm- Cream Off White, FXLN, dnse, well cmented, dense XLN porosity, some chalky in part, heavily mottled



Sh- Black, fissile & carbonaceous

Lm- Cream, VFXLN, dnse, tight, min. vis. porosity, some sl chalky in part, vry clean & barren

Lm- Cream Gray, FXLN, dnse, well cemented, mostly tight w/ sctrd XLN porosity

Lm- A/A, heavily mottled

Sh- Black Gray Green, fissile & carbonaceous, silty & calcareous, gummy clumps

Lm- Cream Buff, FXLN, trashy fsl high-energy mix, sctrd XLN porosity, some chalky in part, barren

Lm- Cream, FXLN, mod. dev. oolitic w/ sctrd fn ppt interoolite & XLN porosity, SCTRD DRK STN, TR FO, NO ODR

Lm- Cream Off White, FXLN, sl fsl, poorly dev. sctrd XLN porosity, chalky in part, loosely cemented, barren

Lm- A/A w/ dark fresh bedded chert w/o vis. porosity

Lm- A/A w/ much soft white chalk

Lm- Tan Buff, VFXLN, dense, vry well cemented, tight w/ no vis. porosity, barren

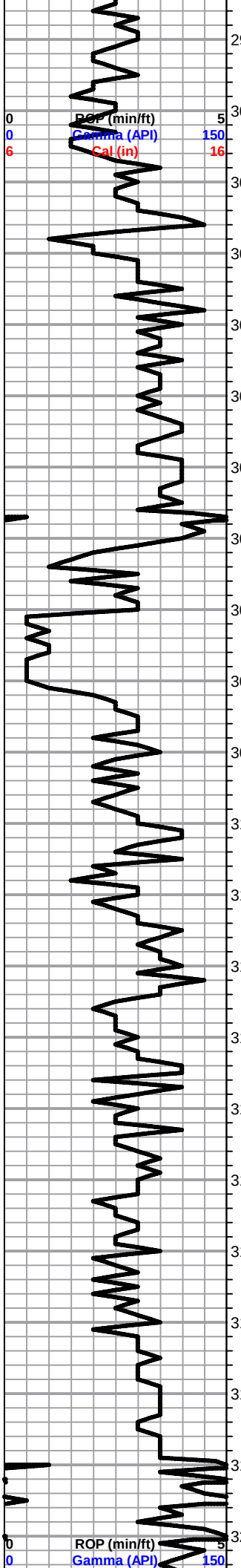
HEEBNER 2915' (-1100) E-LOG 2918' (-1103) Sh- Black, fissile & carbonaceous

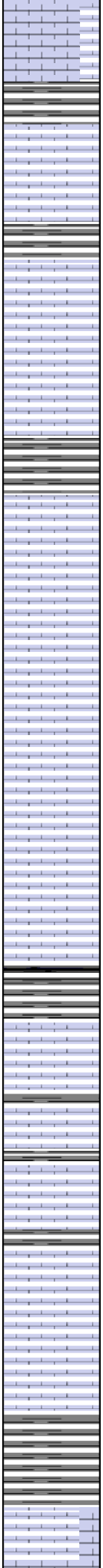
Sh- Green Gray, gummy argillaceous clumps

TORONTO 2933' (-1118) E-LOG 2936' (-1121) Lm- Off White, FXLN, sl fsl, chalky, loosely cemented, 2 PCS W/ LT RESIDUAL STN, NSFO, NO ODR, much soft white chalk, several pcs of fresh bedded chert/cherty Ls

Sh- Gray Maroon, gummy argillaceous clumps

LKC 2974' (-1159) E-LOG 2979' (-1164) Lm- Cream Off White, FXLN, fsl, mod. dev. w/ sctrd inter fsl XLN porosity, some sctrd reXLN porosity, LT STN, NSFO, WK TR ODR





Sh- Gray, gummy argillaceous clumps

Lm- Cream Off White, FXLN, fsl & sl oolitic, sctrd dev. w/ XLN & inter fsl porosity, LT TR STN, NSFO, WK TR ODR

Lm- Cream Off White, FXLN, fsl & oomoldic, sctrd fn vuggy porosity, no intervugular connectivity, LT SCTRD STN, TR GSY FO, WK ODR, several pcs of oolitic Ls & cherty Ls w/ min. vis - no vis. porosity

Lm- Cream Off White, VF-FXLN, dense, well cemented & tight w/ sctrd XLN porosity, much soft white chalk, barren

Lm- A/A w/ VFXLN cherty Ls w/ no vis. porosity, barren

Lm- Brown, VFXLN, dense, well cemented, oolitic, cherty like Ls, sctrd micro XLN porosity, barren

Lm- Off White, FXLN, fsl, dense XLN porosity, barren

Lm- Cream, FXLN, well dev. oomoldic w/ consistant vugs, poor interconnectivity, DRK SCTRD STN, GSY FO, FR ODR

Lm- Cream Off White, VF-FXLN, dense, well cemented & tight w/ poor vis. porosity, vry clean & barren, some soft white chalk

Lm- A/A w/ black fresh bedded chert, cryptoXLN w/o vis. porosity

Sh- Black Gray, fissile & carbonaceous, dense slivers

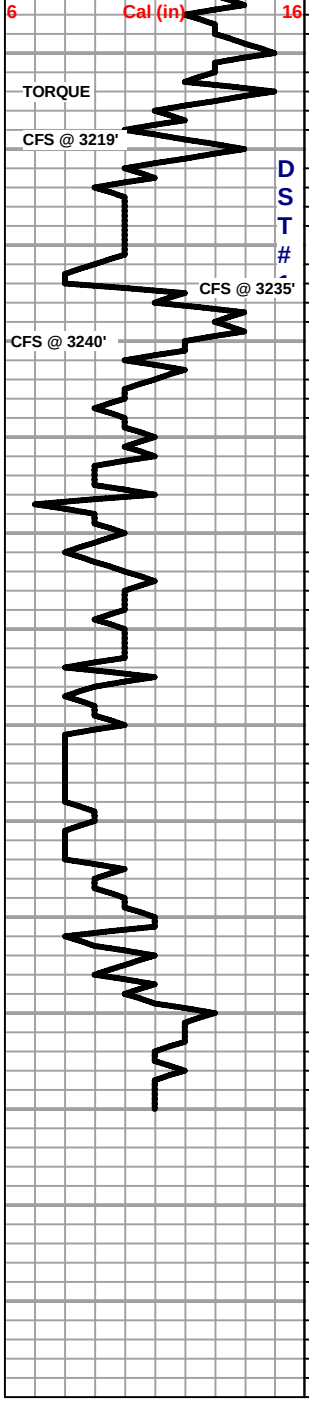
Lm- Cream Off White, VF-FXLN, dense, well cemented & mostly tight w/ poor vis. porosity, vry clean & barren

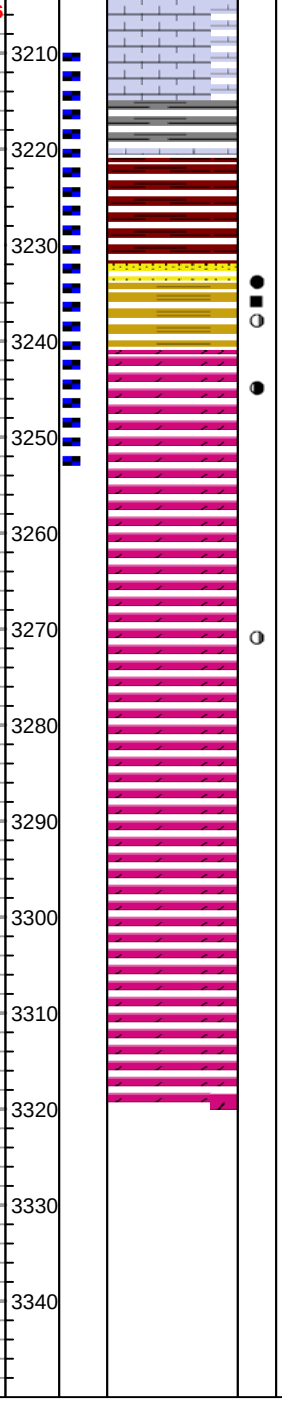
Lm- Cream Tan, VF-FXLN, dense, well cemented, mix of tight Ls & gritty sl dolomitic Ls, all w/ poor vis. porosity, vry clean & barren

Lm- Cream Buff, VFXLN, dense, tight & poorly dev. sl fsl, poor vis. porosity, several pcs of milky white cherty Ls w/o vis. porosity

Lm- Cream Off White, VF-FXLN, sl fsl, dense, well cemented & tight w/ sctrd micro XLN porosity, barren

Lm- Cream Off White, VFLX, dense, well cemented, tight w/ dense micro XLN porosity, barren, some soft white chalk





Lm/Chert- Tan Cream Golden Brown, cryptoXLN chert/cherty Ls w/o vis. porosity

Sh- Gray Maroon White Green, gummy argillaceous clumps, gritty & earthy

BKC 3221' (-1406) E-LOG 3225' (-1410)

3235' 20"- Sand- Clear, abundant Vf ind. grains stuck in gummy white clumps, rounded & mature, consolidated, several Crs Grn ind. grains loose in tray, angular & immature, no vis. clusters, NO OIL SHEEN ON WET CUP, TR SULPHURIC ODR
40"- A/A, extremely friable,1 FN GRN CLUSTER, DRK SAT STN, NSFO, ODR A/A, INSTANT YLW FLOR UPON CRUSH
60"- A/A
ARBUCKLE 3241' (-1426)
3240' 40"- Dolomite- Bone White F-MED XLN, well cemented, dense micro XLN porosity, sctrd round mature fn grn qtz. inclusions, SCTRD DRK STN, FR GSY FO, SL PUNGANT SULPHURIC ODR, coarse qtz. grains A/A, NO VIS STN OR FLOR.

Dolomite/Sand- mix of Med XLN dolomite w/ med-crs qtz inclusions, clear/frosted med-crs grn sand clusters, sub-rounded, semi-mature, & med grn sandy dolomite, ALL W/ VARYING DEGREE OF OIL STN/SHW, FR FRO, GD ODR

3250'- Dolomite- White, VF-FXLN, dense, vry well cemented cherty dolomite w/ poor vis. porosity, barren
3260'- Dolomite- Cream Pink, FXLN, well cemented, well dev. w/ consistent interXLN porosity, barren, some waxy green shale
3265'- Dolomite- Cream White, VF-FXLN, dense, well cemented, mostly tight w/ micro XLN porosity, rounded mature fn-med qtz inclusions, barren
3270"- Sand- Clear, Crs Grn, rounded & mature, light dolomitic cementation, clusters, friable, BARREN TO DRK STN, FRO UPON CRUSH, WK ODR, much soft white chalk

Dolomite- White, Fn-Med Grn, loosely to well cemented sandy dolomite, vry friable, clean & barren

Dolomite- Cream Off White, F-MED XLN, dense, well cemented, tight w/ micro XLN porosity, barren

Dolomite- Cream Lt Buff, VF-FXLN, dense, well cemented mostly tight w/ micro XLN porosity, barren

RTD 3320' (-1505) LTD 3324' (-1509) @ 16:26 12/6/2017

DST #1
SAND (STRADDLE)
3210' - 3254'
30-45-30-45

170' TOTAL FLUID
50' SLWCHMCO (52%O, 3%W, 45% M)
60' SLOCM (3%O, 97%M)
60' SLG,O, & WCM (6%G, 9%O, 10%W, 75%M)

IFP: 33-78#
FFP: 79-92#
SIP: 1089-1089#
HYD:1532-11527#
BHT: 105 deg.

SHORT TRIP
SURVEY 1 1/4deg
TOH FOR LOGS
LOGGED BY: GEMINI

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Home Office P.O. Box 32 Russell, KS 67665

No. 067

Phone 785-483-2025
Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12-2-17	29	14	14	Russell	KS		1:45 AM

Location Jim's House 1/2 N, W N 2

Lease Schoenberger A Well No. 2

Contractor WW 8

Type Job Surface

Hole Size 12¼ T.D. 260

Csg. 8 5/8 Depth 260

Tbg. Size Depth

Tool Depth

Cement Left in Csg. Shoe Joint 20

Meas Line Displace 15 bbl

Owner
To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Jason Oil

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 170 80/20 3, 2

EQUIPMENT

Pumptrk 16	No.	Cementer	Travis
		Helper	
Bulktrk 14	No.	Driver	Doug
		Driver	
Bulktrk	No.	Driver	Tony
		Driver	

JOB SERVICES & REMARKS

Remarks: Cement did circulate

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Common	136
Poz. Mix	34
Gel.	3
Calcium	6
Hulls	
Salt	
Flowseal	
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	179
Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge	Surface
Mileage	15 (min)
Tax	
Discount	
Total Charge	

X Signature Josh Newberg

JALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

785-483-2025
785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 565

	Sec.	Twp.	Range	County	State	On Location	Finish
Date 12-8-17	29	14	14	Russell	KS		12:15 A.M.

Location Jims House 1/2 W Into

Lease Schoenberger A Well No. 2

Owner

Contractor DW

To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Type Job Production String

Charge To Jason Oil

Hole Size 7 7/8 T.D. 3320

Csg. 5 1/2 Depth 3319

Street

Tbg. Size Depth

City State

Tool Depth

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 16.75 Shoe Joint 16.75

Cement Amount Ordered 280 80/20 4%gel 1/4#Flo

Meas Line Displace 77 1/2 BC

150 70/30 10% Salt 5% Gilsonite 1/4#Flo

Common 105 500 gal mud clear 10BL KCL

EQUIPMENT

Pumptrk 5 No. Cementer Doug
Helper

Bulktrk 9 No. Driver Dylan
Driver

Bulktrk 15 No. Driver Jordan
Driver

Poz. Mix 45

Gel 280 80/20 4%gel

Calcium

Hulls KCL 1 gal

Salt 13

Flowseal 70#

Kol-Seal 750#

Mud CLR 48 500 gal

CFL-117 or CD110 CAF 38

Sand

Handling 450

Mileage

JOB SERVICES & REMARKS

Remarks:

Rat Hole 30SK

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

5 1/2 @ 3319. Ball @ 3302
Est Circulation. Pump 500gal mud
Clear 10BL Spacer
Plug Rathole
Cement 5 1/2 with 400SK
Clear lines. Displace Plug
Plug landed @ 1500#
Cement Did Not Circulate

FLOAT EQUIPMENT

Guide Shoe

Centralizer 7

Baskets 4

AFU Inserts

Float Shoe 1

Latch Down 1

Pumptrk Charge prod string

Mileage 10

Tax

Discount

Total Charge

X Signature

Company: Jason Oil Company, LLC
Lease: Schoenberger A #2

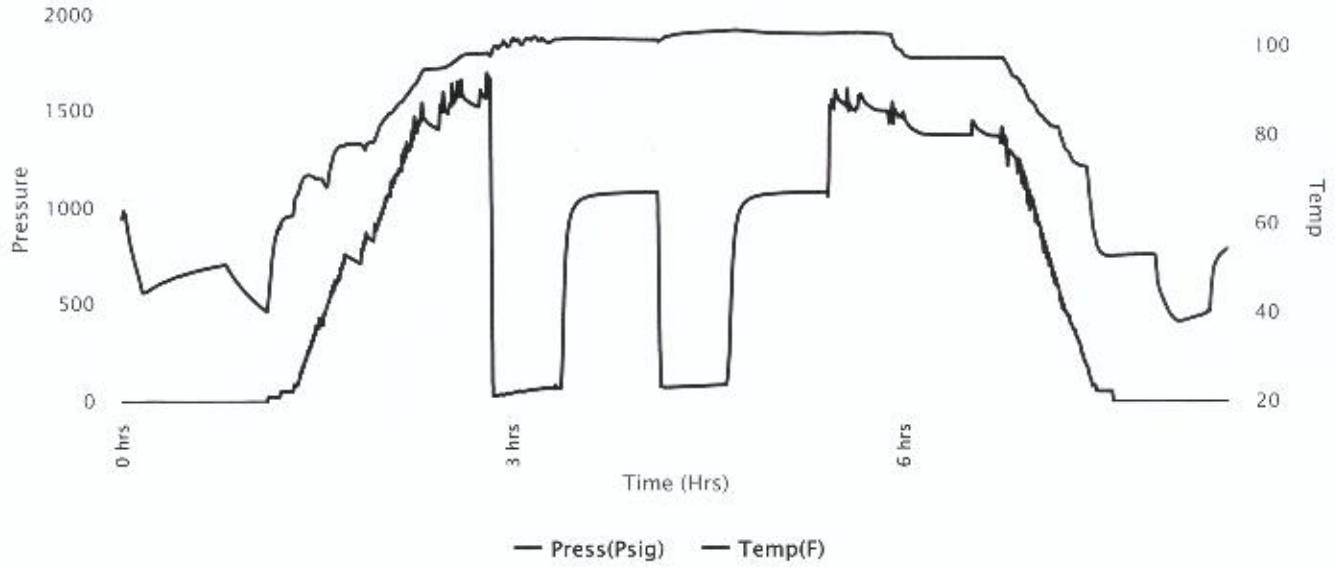
SEC: 29 TWN: 14S RNG: 14W
County: RUSSELL
State: Kansas
Drilling Contractor: WW Drilling, LLC - Rig 8
Elevation: 1812 EGL
Field Name: Gorham
Pool: Infield
Job Number: 94

DATE
December
07
2017

DST #1 **Formation: Sand** **Test Interval: 3210 - 3254'** **Total Depth: 3324'**

Time On: 04:40 12/07 Time Off: 12:56 12/07
Time On Bottom: 07:25 12/07 Time Off Bottom: 09:55 12/07

Electronic Volume Estimate:	1st Open	1st Close	2nd Open	2nd Close
	Minutes: 30	Minutes: 45	Minutes: 30	Minutes: 45
158'	4.7" at 30 min	0" at 45 min	5.3" at 30 min	0" at 45 min



Company: Jason Oil Company, LLC
Lease: Schoenberger A #2

County: RUSSELL
State: Kansas
Drilling Contractor: WW Drilling, LLC - Rig 8
Elevation: 1812 EGL
Field Name: Gorham
Pool: Infield
Job Number: 94

DST #1 **Formation: Sand** **Test Interval: 3210 - 3254'** **Total Depth: 3324'**

DATE
December
07
2017

Time On: 04:40 12/07 Time Off: 12:56 12/07
Time On Bottom: 07:25 12/07 Time Off Bottom: 09:55 12/07

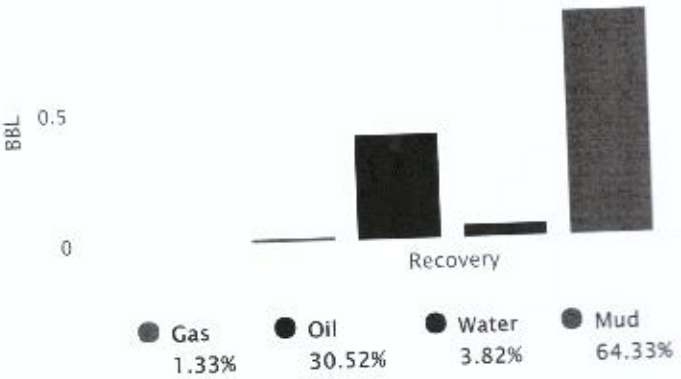
Recovered						
Foot	BBLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
50	0.7115	SLWCHMCO	0	52	3	45
60	0.3244334	SLOCM	0	3	0	97
60	0.2952	SLGCSLOCSLWCM	6	9	10	75

Total Recovered: 170 ft
Total Barrels Recovered: 1.3311334

Reversed Out
NO

Initial Hydrostatic Pressure	1532	PSI
Initial Flow	33 to 78	PSI
Initial Closed in Pressure	**1089**	**PSI**
Final Flow Pressure	79 to 92	PSI
Final Closed in Pressure	**1089**	**PSI**
Final Hydrostatic Pressure	1527	PSI
Temperature	105	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



Lease: Schoenberger A #2

Field Name: Gorham
Pool: Infield
Job Number: 94

DATE	DST #1	Formation: Sand	Test Interval: 3210 - 3254'	Total Depth: 3324'
December 07 2017	Time On: 04:40 12/07	Time Off: 12:56 12/07		
	Time On Bottom: 07:25 12/07	Time Off Bottom: 09:55 12/07		

REMARKS:

Initial Flow: 4 1/2 in. blow.

Initial Shut-in: No blow back.

Final Flow: 5 in. blow.

Final Shut-in: No blow back.

Tool Sample: 9% gas, 14% oil, 8% water, 69% mud

Ph: 7.5

RW: .44 @ 66 degrees F

Chlorides: 18,000 ppm

Below Straddle Recorder