

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 # _____

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

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 #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

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				

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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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 <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
-------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------

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

TUBING RECORD:	Size:	Set At:	Packer At:	
----------------	-------	---------	------------	--



Scale 1:240 Imperial

Well Name: WEBSTER #1
Surface Location: N2 SW SW NE Sec. 36 - 7S - 18W
Bottom Location:
API: 15-163-24406
License Number: 34903
Spud Date: 11/9/2019 Time: 5:45 PM
Region: ROOKS COUNTY KANSAS
Drilling Completed: 11/19/2019 Time: 8:17 AM
Surface Coordinates: 3280' FSL & 2310' FEL
Bottom Hole Coordinates:
Ground Elevation: 1836.00ft
K.B. Elevation: 1842.00ft
Logged Interval: 2550.00ft To: 3400.00ft
Total Depth: 3420.00ft
Formation: LANSING-KANSAS CITY; ARBUCKLE
Drilling Fluid Type: FRESH WATER / CHEMICAL GEL

OPERATOR

Company: JASPAR CO.
Address: P.O. BOX 1120
HAYS, KS 67601
Contact Geologist: SHANE VEHIGE
Contact Phone Nbr: (785) 623-6982
Well Name: WEBSTER #1
Location: N2 SW SW NE Sec. 36 - 7S - 18W
API: 15-163-24406
Pool:
State: KANSAS
Field: UNKNOWN
Country: USA

SURFACE CO-ORDINATES

Well Type: Vertical
Longitude: -99.276257
Latitude: 39.402557
N/S Co-ord: 3280' FSL
E/W Co-ord: 2310' FEL

LOGGED BY



Company: BIG CREEK CONSULTING, INC.
Address: 1909 MAPLE
ELLIS, KS 67637

Phone Nbr: (785) 259-3737
 Logged By: GEOLOGIST

Name: JEFF LAWLER

CONTRACTOR

Contractor: FLEX DRILLING
 Rig #: 1
 Rig Type: MUD ROTARY
 Spud Date: 11/9/2019
 TD Date: 11/19/2019
 Rig Release: 11/19/2019
 Time: 5:45 PM
 Time: 8:17 AM
 Time: 11:00 PM

ELEVATIONS

K.B. Elevation: 1842.00ft
 K.B. to Ground: 6.00ft
 Ground Elevation: 1836.00ft

NOTES

DUE TO LACK OF RESERVOIR DEVELOPMENT OR ECONOMICAL RECOVERY ON DRILL STEM TESTS THE WEBSTER #1 WAS PLUGGED & ABADONED.

RESPECTFULLY SUBMITTED,
 JEFF LAWLER

WELL COMPARISION SHEET

FORMATION	WEBSTER #1								F&M OIL COMPNAV, INC.				C.C. & S. OIL OPERATORS, INC.				SWD				ALPINE & WOODMAN & IANNITTI			
	KANSAS B #1				SE NW NE 36-7-19				E. SMITH #1				NW SW NW 36-7-18				ALBRIGHT 31 OWVO				ALBRIGHT #1			
	KB		GL		KB		1935		KB		1832		KB		1816		KB		1916					
	LOG TOPS	SAMPLE TOPS	LOG	SMPL.	LOG	SMPL.	LOG	SMPL.	LOG	SMPL.	LOG	SMPL.	LOG	SMPL.	LOG	SMPL.	LOG	SMPL.						
ANHYDRITE TOP		1220	622	1319	616			1224	608			1199	617			1315	601							
BASE	1259	583	1261	581	1354	581	+ 2	+ 0	1263	569	+ 14	+ 12	1237	579	+ 4	+ 2								
STOTLER				2658	-723																			
TARKIO	2608	-766	2609	-767	2706	-771	+ 5	+ 4																
HOWARD	2687	-845	2688	-846	2786	-851	+ 6	+ 5																
TOPEKA	2756	-914	2758	-916	2855	-920	+ 6	+ 4	2757	-925	+ 11	+ 9	2737	-921	+ 7	+ 5								
HEEBNER SHALE	2967	-1125	2970	-1128	3067	-1132	+ 7	+ 4	2971	-1139	+ 14	+ 11	2951	-1135	+ 10	+ 7	3056	-1140	+ 15	+ 12				
TORONTO	2993	-1151	2994	-1152	3091	-1156	+ 5	+ 4	2995	-1163	+ 12	+ 11	2973	-1157	+ 6	+ 5	3080	-1164	+ 13	+ 12				
LKC	3013	-1171	3012	-1170	3111	-1176	+ 5	+ 6	3013	-1181	+ 10	+ 11	2994	-1178	+ 7	+ 8	3099	-1183	+ 12	+ 13				
BKC	3234	-1392	3235	-1393	3330	-1395	+ 3	+ 2	3234	-1402	+ 10	+ 9					3322	-1406	+ 14	+ 13				
MARMATON	3269	-1427	3267	-1425	3363	-1428	+ 1	+ 3	3264	-1432	+ 5	+ 7					3358	-1442	+ 15	+ 17				
ARBuckle	3298	-1456	3302	-1460	3392	-1457	+ 1	- 3	3290	-1458	+ 2	- 2	3304	-1488	+ 32	+ 28								
TOTAL DEPTH	3419	-1577	3420	-1578	3525	-1590	+ 13	+ 12	3380	-1548	- 29	- 30	3487	-1671	+ 94	+ 93	3346	-1430	- 147	- 148				

DST #1 LKC C - F 3034' - 3101'



Company: Jaspur Company
 Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
 15
 2019

DST #1 Formation: Lan C-F Test Interval: 3034 - 3101' Total Depth: 3101'
 Time On: 21:27 11/15 Time Off: 03:51 11/16
 Time On Bottom: 23:08 11/15 Time Off Bottom: 02:08 11/16

Recovered

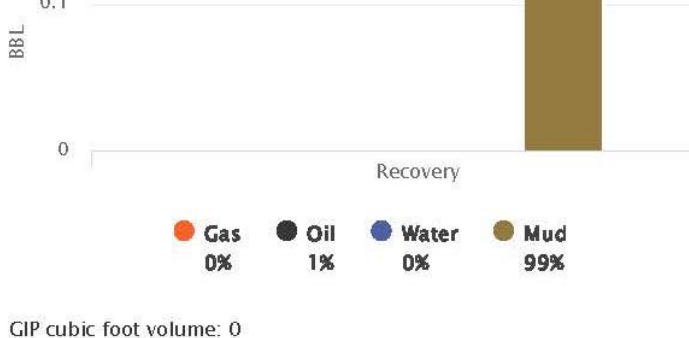
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
10	0.1423	OSM	0	1	0	99

Total Recovered: 10 ft
 Total Barrels Recovered: 0.1423

Reversed Out
 NO

Recovery at a glance

Initial Hydrostatic Pressure	1434	PSI
Initial Flow	9 to 12	PSI
Initial Closed in Pressure	899	PSI
Final Flow Pressure	12 to 15	PSI
Final Closed in Pressure	892	PSI
Final Hydrostatic Pressure	1435	PSI
Temperature	97	°F
Pressure Change Initial Close / Final Close	0.8	%



DST #1 LKC C - F 3034' - 3101'



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Unknown
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

Operation:

Uploading recovery &
pressures

DATE

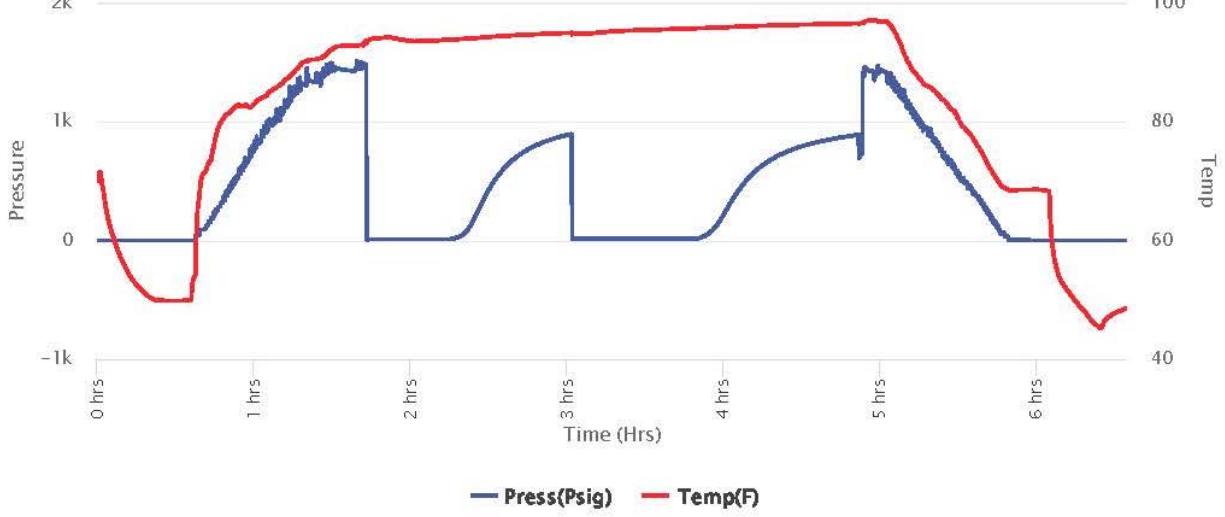
November
15
2019

DST #1 Formation: Lan C-F Test Interval: 3034 - 3101' Total Depth: 3101'

Time On: 21:27 11/15 Time Off: 03:51 11/16
Time On Bottom: 23:08 11/15 Time Off Bottom: 02:08 11/16

Electronic Volume
Estimate:
5'

<u>1st Open</u> Minutes: 30 Current Reading: .5" at 30 min Max Reading: .5"	<u>1st Close</u> Minutes: 45 Current Reading: 0" at 45 min Max Reading: 0"	<u>2nd Open</u> Minutes: 45 Current Reading: .1" at 45 min Max Reading: .1"	<u>2nd Close</u> Minutes: 60 Current Reading: 0" at 60 min Max Reading: 0"
-----------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------



DST #2 LKC G 3100' - 3120'



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Test Complete

DATE
 November
16
 2019

DST #2 **Formation: Lans G** **Test Interval: 3100 - 3120'** **Total Depth: 3120'**
 Time On: 21:46 11/16 Time Off: 16:23 11/16
 Time On Bottom: 11:24 11/16 Time Off Bottom: 14:24 11/16

<u>Recovered</u>		<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
<u>Foot</u>	<u>BBLs</u>					
6	0.08538	SLOCM	0	1	0	99

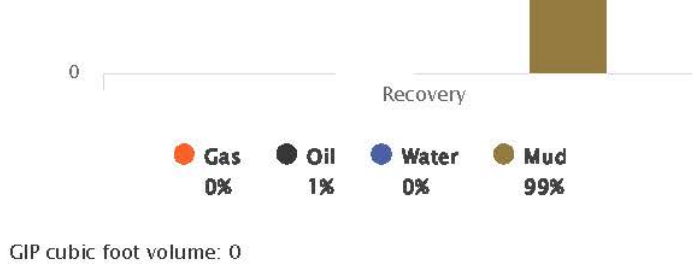
Total Recovered: 6 ft
 Total Barrels Recovered: 0.08538

Reversed Out
 NO

Recovery at a glance

Initial Hydrostatic Pressure 1469 PSI BBL 0.05
 Initial Flow 8 to 11 PSI

Initial Closed in Pressure	876	PSI
Final Flow Pressure	11 to 12	PSI
Final Closed in Pressure	841	PSI
Final Hydrostatic Pressure	1469	PSI
Temperature	94	°F
Pressure Change Initial	4.0	%
Close / Final Close		



DST #2 LKC G 3100' - 3120'



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Test Complete

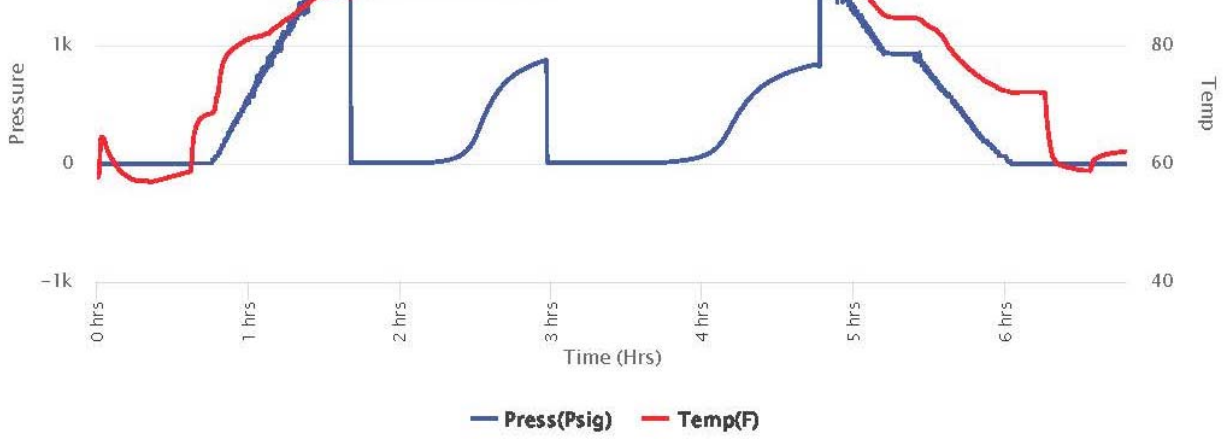
DATE
 November
16
 2019

DST #2	Formation: Lans G	Test Interval: 3100 - 3120'	Total Depth: 3120'
	Time On: 21:46 11/16	Time Off: 16:23 11/16	
	Time On Bottom: 11:24 11/16	Time Off Bottom: 14:24 11/16	

Electronic Volume Estimate:
 8'

<u>1st Open</u> Minutes: 30	<u>1st Close</u> Minutes: 45	<u>2nd Open</u> Minutes: 45	<u>2nd Close</u> Minutes: 60
Current Reading: .7" at 30 min	Current Reading: .15" at 45 min	Current Reading: .1" at 45 min	Current Reading: .1" at 60 min
Max Reading: .7"	Max Reading: .15"	Max Reading: .1"	Max Reading: .1"

Inside Recorder



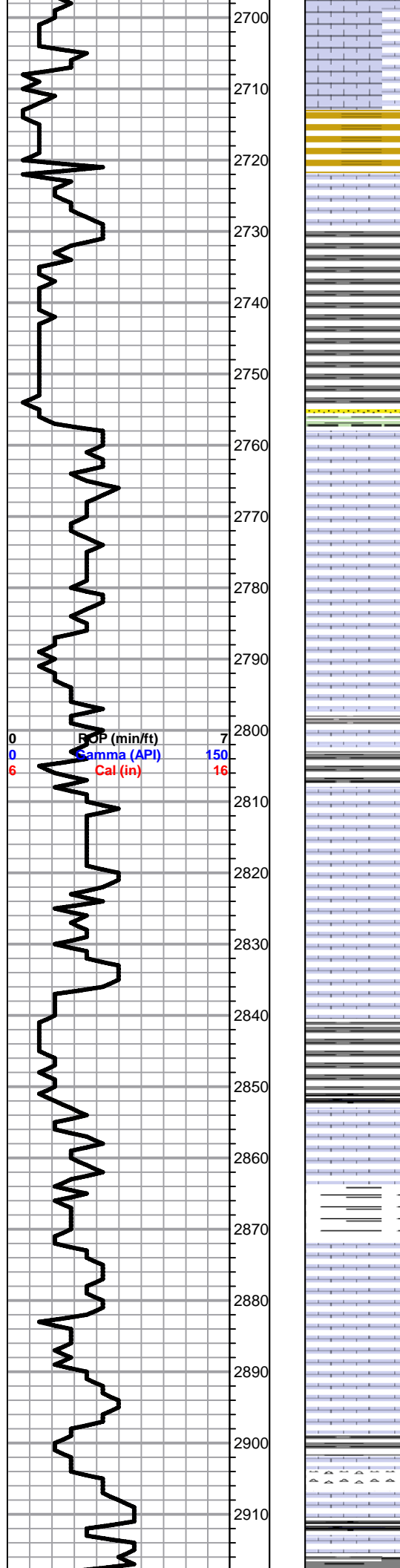
ROCK TYPES			
	Cht		shale, grn
	Dolprim		shale, gry
	Lmst fw7>		Carbon Sh
	Shblk		shale, red
	Arg/Shale		Shcol
	Ss		

MINERAL	STRINGER
	Sandy

MISC	DST
	Daily Report
	Digital Photo
	Document
	Folder
	Link
	Vertical Log File
	Horizontal Log File
	Core Log File
	Drill Cuttings Rpt
	DST Int
	DST alt

Curve Track #1	Intervals	Curve Track #3
ROP (min/ft)		
Gamma (API)		
Cal (in)		

1:240 Imperial		Depth	DST	Lithology	Oil Show	Geological Descriptions	1:240 Imperial
Cored Interval	DST Interval						
0	ROP (min/ft)	7				<p>1' DRILL TIME THROUGH ANHYDRITE FROM 1210' - 1280' 10' DRILL TIME FROM 2550' - RTD 10' WET/DRY SAMPLES FROM 2600' - RTD</p> <p>GEOLOGICAL SUPERVISION BY JEFF LAWLER FROM 2550' - RTD</p> <p>13 3/8" CONDUCTOR SET @ 98.38' SURVEY 1/4 deg. 8 5/8" SURFACE PIPE SET 1230.36' @ SURVEY 1/2 deg.</p> <p>ANHYDRITE TOP 1220' (+622) ANHYDRITE BASE 1261' (+581)E-LOG 1259' (-583)</p>	
0	Gamma (API)	150					
6	Cal (in)	16					
		2510					
		2520					
		2530					
		2540					
		2550					
		2560					
		2570				Sh- Gray Green Maroon, silty & calcareous, argillaceous wash, gritty & earthy	
		2580				Lm- Off White Cream, FXLN, sl fsl, loosely cemented & sl chalky in part, sctrd XLN porosity, barren	
		2590				Lm- Buff Tan, VF-FXLN, dense, well cemented, sctrd XLN porosity, barren	
		2600					
0	ROP (min/ft)	7				<p><u>TARKIO 2609' (-767) E-LOG 2608' (-766)</u> Lm- Off White, FXLN, fsl & oolitic, mix of well cemented w/ rare XLN to dense sctrd XLN porosity, clear replacement cementation & loosely cemented & chalky, poor vis. porosity, all vry clean & barren</p> <p>Lm- Gray, FXLN, fractured XLN porosity, fsl fragments & trashy, barren</p> <p>Lm- Gray, VFXLN, dense, well cemented & tight w/ min. vis porosity, most grainy w/ arenaceous appearance</p> <p>Lm- Gray Buff Tan, FXLN, dense, well cemented, sl fsl, poorly dev. w/ sctrd-dense XLN porosity, barren</p> <p>Lm- A/A w/ sctrd mottling, barren</p> <p>Sh- Gray, abundant argillaceous wash/clumps</p> <p><u>HOWARD 2688' (-846) E-LOG 2687' (-845)</u> Lm- Buff Gray Tan, FXLN, fsl w/ fusulinids, sctrd mottling, sctrd-dense XLN porosity, barren</p>	
0	Gamma (API)	150					
6	Cal (in)	16					
		2610					
		2620					
		2630					
		2640					
		2650					
		2660					
		2670					
		2680					
		2690					



Sh/Ss- Gray Maroon White, abundant argillaceous clumps, soft white chalk, gritty & earthy, Ss- Dove Gray, Vf-Fn Grn, loosely cemented, consolidated & well sorted, micaceous, rounded, barren

Lm- Cream Mustard Yellow, FXLN, fsl bioclast w/ dense XLN porosity & clear replacement cementation, massive, barren

Sh- Gray Green, abundant argillaceous clumps/wash, some sl sandy

TOPEKA 2758' (-916) E-LOG 2756' (-914) Lm- Cream Buff, VF-FXLN, dense, mostly tight w/ sctrd XLN porosity, barren

Lm- Tan Cream, VF-FXLN, dense, well cemented sl dolomitic Ls w/ consistent micro XLN porosity, barren

Lm- Cream Off White, FXLN, sl fsl, some sl trashy, sl dolomitic w/ sctrd XLN porosity, some chalky & much soft white chalk, barren

Sh- Black Gray Geen, dense, calcareous & semi-argillaceous, soft & chalky

Lm- Cream Tan, FXLN, sl fsl, mostly tight, well cemented, sctrd-dense XLN porosity, mostly tight, barren

Lm- A/A w/ abundant soft white chalk

Lm- Buff Tan, FXLN, sl fsl/oolitic, grainy/gritty dolomitic Ls w/ sctrd XLN porosity, sctrd/heavily mottled, barren, abundant soft white chalk

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

Sh- Abundant argillaceous white clumps & gray wash

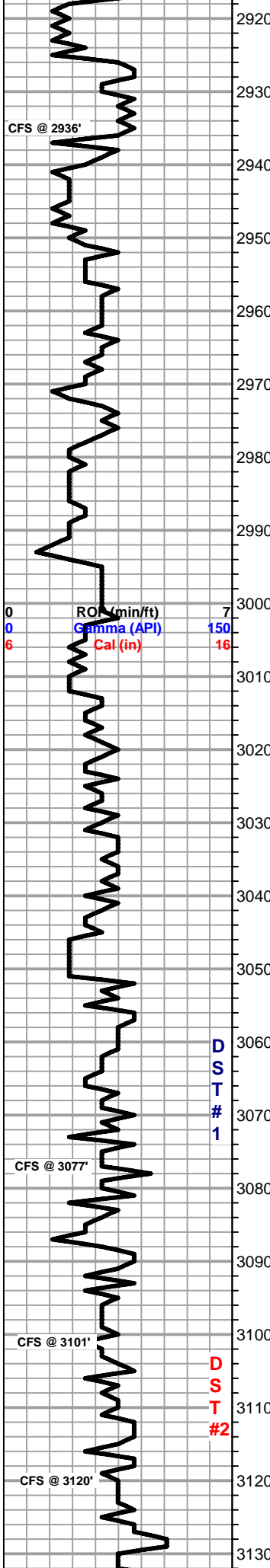
Lm- White Cream, VFXLN, porcelain like cherty Ls w/o vis. porosity, near pristine, clean & barren

Lm- Cream Off White, FXLN, sl oolitic, few well cemented w/ sctrd XLN, most loosely cemented, chalky in part and poorly dev. w/ poor vis. porosity, abundant soft white chalk

Lm- Gray, FXLN, sl fsl, dense XLN porosity, trashy, barren

Chert- Tan, CryptoXLN, fresh bedded vitreous chert w/o vis. porosity

Sh- Black Gray Brown, fissile & carbonaceous, argillaceous wash



Lm- Tan, FXLN, massive oolitic dolomitic Ls, sctrd micro XLN porosity, barren

Lm- Cream, FXLN, fsl, dense XLN porosity, some clear replacement cementation, barren

Lm- Cream, VFXLN, dense, well cemented mudstone matrix, sctrd vry fn ppt porosity, not through & through porosity, SCTRD DRK STN, TR FO, NO ODR

Lm- Cream Gray, FXLN, semi-trashy, dense XLN porosity, barren, much soft white chalk

Lm- Cream Off White, FXLN, sl fsl, mostly tight w/ sctrd XLN porosity, sctrd mottling, barren

HEEBNER 2970' (-1128) E-LOG 2967' (-1125) Sh- Black Gray Maroon, fissile & carbonaceous, silty, gritty & earthy

Sh- Green Maroon, abundant argillaceous wash, some sandy shale

TORONTO 2994' (-1152) E-LOG 2993' (-1151) Lm/Chert- White Cream, FXLN, sl fsl, dense XLN & sctrd fn ppt inter fsl porosity, Lm & chert Lm, 2 PCS W/ APPEARANT STN, NSFO, NO ODR, NO FLOR., Chert- White Semitranslucent, fresh bedded, some oolitic, most w/ no vis. porosity, few w/ appearant fractured porosity (possible bit induced), barren

LKC 3012' (-1170) E-LOG 3013' (-1171) Lm- White, FXLN, oolitic clusters to sctrd oolitic dev. w/ sctrd fn ppt inter oolite porosity, some w/ clear replacement cementation, LT SCTRD STN, 1-2 PCS W/ LT TR SHFO, TR ODR

Lm/Chert- Cream Buff Tan, VF-FXLN, tight poorly dev. of mix, dolomitic Ls, fresh bedded vitreous chert, micro XLN-XLN porosity at best, all clean & barren

Sh- Green Maroon, calcareous, gritty & earthy, some gummy wash

Lm- White Cream, VF-FXLN, top is sl fsl & oolitic, poorly dev. w/ sctrd XLN porosity, mostly tight w/ sctrd XLN porosity, some loosley cemented & chalky in part, 2-3 PCS W/ LT EDGE STN, NSFO, NO ODR

Lm- Off White Cream, FXLN, sl fsl, poorly dev. w/ sctrd XLN porosity, lower member chalky in part with soft white chalk, all clean & barren

Lm- Off White, FXLN, fsl w/ fusulinids, sctrd XLN & ppt inter fsl porosity, LT SCTRD STN, NSFO, FR ODR

Lm- Cream Tan, FXLN, fsl w/ densely packed small oolites, dense XLN porosity, barren, some chalky in part

Lm- Tan, FXLN, oolitic w/ sctrd fn ppt inter oolite porosity, some loosley cemented & massive, SCTRD LT STN, NSFO, WK ODR, some soft white chalk

Lm- White Cream, FXLN, sl oolitic, sctrd. dev., sctrd-dense XLN & sctrd fn ppt-ppt porosity, reXLN w/in some ppt porosity, LT STN, NSFO, GD ODR

Lm- Cream Off White Buff, VF-FXLN, dense, well cemented, some sl fsl, poorly dev. w/ sctrd to dense XLN porosity, several pcs of fresh bedded vitreous chert, all clean & barren

Sh- Black Gray Green, fissile & carbonaceous, dense & waxy, gummy wash
Chert- Black, vitreous fresh bedded

BIT TRIP @ 2836'
STRAP -2.60
SURVEY 3/4

-3015.jpg

DST #1 LKC C-F
3034' - 3101'
30-45-45-60

10' OSP (1%O)

IFP: 9-12#
FFP: 12-15#
SIP: 899-892#
BHT: 97 deg.

-3055.jpg

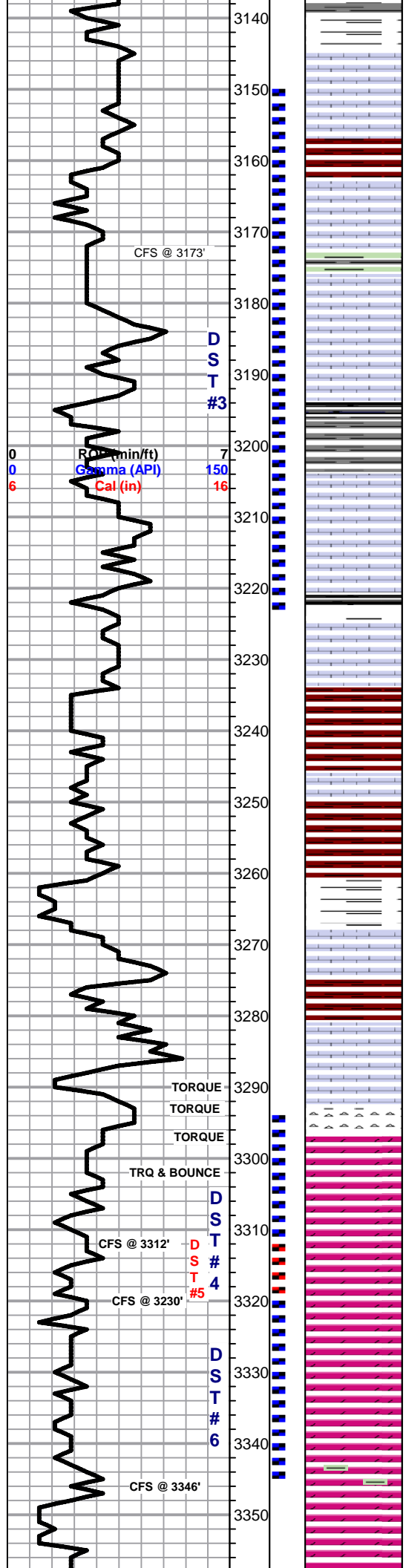
-3097.jpg

-3108.jpg

DST #2 LKC G
3100' - 3120'
30-45-45-60

6' SLOCM (1%O)

IFP: 8-11#
FFP: 11-12#
SIP: 876-841#



Lm- Cream Off White Tan, VF-FXLN, mostly tight w/ sctrd-dense XLN porosity, some secondary reXLN porosity, some possible fractured porosity, barren

Lm- Off White Buff, FXLN, dense, well cemented, tight w/ sctrd XLN porosity, some sl chalky in part, barren

Lm- Cream, FXLN, fsl w/ mostly consistent XLN & fn ppt porosity throughout, LT SUB-SAT SAT STN, NSFO, FR ODR, much soft white chalk

Sh- Gray Green, abundant argillaceous wash, dense & waxy

Lm- Cream Buff, VF-FXLN, dense & tight, sl fsl sl oolitic, poorly dev. w/ micro XLN porosity, clean & barren

Sh- Black, abundant fissile & carbonaceous

Lm- Off White, FXLN, oolitic, mod. dev. w/ sctrd ppt inter oolite porosity, SCTRD DRK STN, NSFO, FR ODR

Lm- Tan, VF-FXLN, sl fsl & oolitic, dense, well cemented, tight w/ dense XLN porosity, barren

Sh- Black Green, fissile & carbonaceous, abundant argillaceous wash

Lm- White Off White, FXLN, oolitic w/ sctrd XLN & fn ppt inter oolite porosity, SCTRD TO EDGE DRK STN, NSFO, NO ODR

BKC 3235' (-1393) E-LOG 3234' (-1392) Sh- Gray Green Maroon, silty, dense & waxy, gritty & earthy

Lm- Buff Gray, FXLN, fsl, poorly dev. & semi trashy, sctrd XLN porosity

Sh- A/A w/ sandy shale/shaley Ss

Sh- Maroon Gray Green Brown, abundant gummy red wash, some sandy shale, A/A

MARMATON 3267' (-1425) E-LOG 3269' (-1427) Lm- Cream Off White, FXLN, sl fsl, poorly dev. w/ sctrd XLN porosity, some soft white chalk, barren

Lm- Off White, FXLN, sl fsl, sctrd XLN porosity, few sctrd drk inclusions, barren

Chert- Mustard Yellow/Gray, sl oolitic fresh bedded vitreous cryptoXLN

ARBUCKLE 3302' (-1460) E-LOG 3298' (-1456) Dol- White Tan, F-CRS XLN, few pcs of tight, poorly dev. w/ sctrd micro XLN porosity, barren, few pcs of VFXLN w/ qtz inclusions, poor vis. porosity, barren, **mostly well dev. sucrosic w/ GD rhombic XLN, consistent ppr interXLN porosity, SUB-SAT DRK STN, FEW PCS W/ BLEEDING OIL, NO ODR

3312' 20"- A/A w/ influx of mustard yellow VF-FXLN, cherty dolomite w/ dense XLN to sctrd fn ppt, SOME W/ SHW/STN A/A, some barren, FREE OIL ON TOP OF CUP
3312' 40"- A/A w/ Cream Off White, F-MedXLN dolomite, micro XLN-XLN porosity, barren, OIL SCUM ON WET CUP, NO ODR

3220"- Dol- White Off White, FXLN, massive, well cemented, mostly consistent fn ppt porosity throughout, DRK SAT STN, FEW W/ BLEEDING FREE OIL, TR ODR

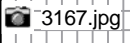
3346' (3333')- Dol- White Cream, Med-CrsXLN, massive, well dev. vis. rhombs, w/ mostly consistent ppt to sctrd vuggy porosity, SCTRD-SAT DRK STN, GD SFO, TR ODR, GD SHW FRO ON WET CUP

20"- Dol- White Cream, VF-FXLN, tight, consistent microXLN porosity, several pcs w/ sub-rounded med grn qtz inclusions, ALL BARREN, some soft white chalk

40"- A/A w/ few pcs w/ chlorite/glaucouinte inclusions/tint, barren

60"- A/A w/ few pcs of mint green soft shale

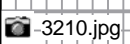
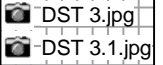
3362' 20"- Dol- Cream Off White, VF-FXLN, dense, mostly tight, consistent micro XLN-fn ppt porosity, barren, several MedXLN w/ XLN-fn ppt porosity, SCTD BLK STN, NSFO, NO ODR



DST #3 LKC I-J
3150' - 3253'
30-45-45-60

30' MUD

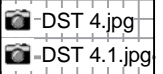
IFP: 10-16#
FFP: 17-26#
SIP: 870-845#



DST #4
ARBUCKLE
3294' - 3312'
30-45-45-60

15' TOTAL FLUID
5' SLOCM (2%O)
10' OIL Gr: 30deg

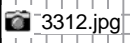
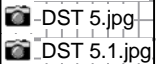
IFP: 9-14#
FFP: 16-20#
SIP: 643-406#



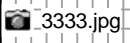
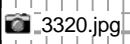
DST #5
ARBUCKLE
3312' - 3320'
30-30-30-30

6' TOTAL FLUID
3' SLOCM (2%O)
3' OIL Gr: 28

IFP: 8-10#
FFP: 11-12#
SIP: 94-51#



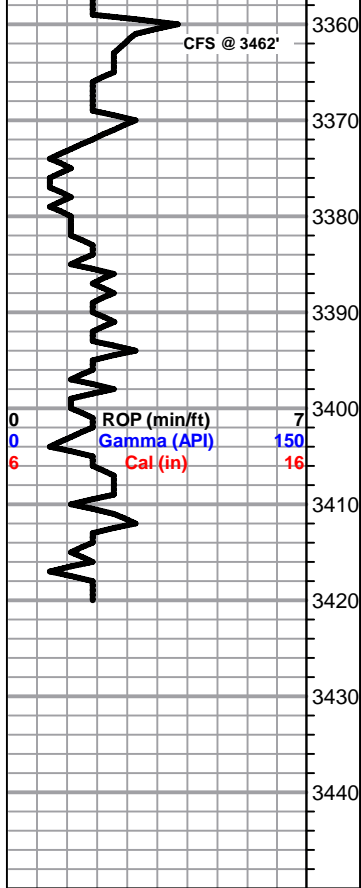
-20 min.jpg



DST #6
ARBUCKLE
3320' - 3346'
30-45-30-60

6' TOTAL FLUID
1' OIL
5' SLOCM (3%O)

IFP: 10-12#
FFP: 12-13#



STN, NSFO, NODR
 40"- A/A
 60"- A/A

Dol- White, Med XLN, friable, sucrosic w/ well dev. rhombs, mint green w/ chloride/glauconite, barren

Dol- White, VFXLN, dense & tight w/ mature sub-rounded med grn qtz inclusions, poor vis. porosity, barren

Dol- Cream Off White, VFXLN, dense, tight, min. vis. porosity, clean & barren

Dol- Cream, VFXLN, dense, tight w/ micro XLN porosity, barren

Dol- A/A

RTD 3420' (-1578) LTD 3419' (-1577) @ 09:17 11/19/2019

SIP: 87-57#

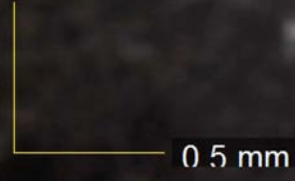
DST 6.1.jpg

DST 6.jpg

CFS 20-40-60
 SURVEY 1 1/4
 TOH FOR LOGS



3015'



3055'







DST 3.jpg



Company: Jaspar Company
Lease: Webster #1

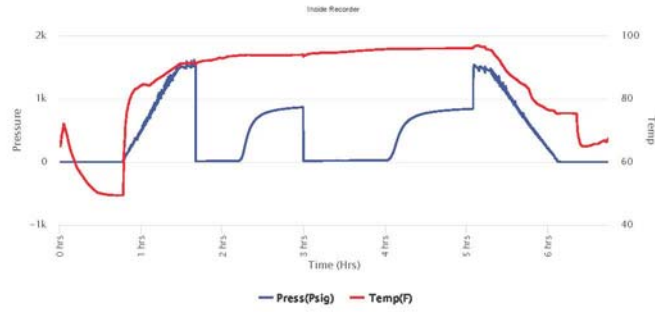
SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 ECL
Field Name: Unknown
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

Operation:
Uploading recovery &
pressures

DATE
November
17
2019

DST #3 Formation: Lans I-K Test Interval: 3150 - 3223' Total Depth: 3223'
Time On: 04:09 11/17 Time Off: 10:44 11/17
Time On Bottom: 05:46 11/17 Time Off Bottom: 09:01 11/17

Electronic Volume Estimate:	1st Open	1st Close	2nd Open	2nd Close
14'	Minutes: 30	Minutes: 45	Minutes: 60	Minutes: 60
	Current Reading: 1.4" at 30 min	Current Reading: 0" at 45 min	Current Reading: .25" at 60 min	Current Reading: 0" at 60 min
	Max Reading: 1.4"	Max Reading: 0"	Max Reading: .25"	Max Reading: 0"



DST 3.1.jpg



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery & pressures

DATE
 November
17
 2019

DST #3 **Formation: Lans I-K** **Test Interval: 3150 - 3223'** **Total Depth: 3223'**

Time On: 04:09 11/17 Time Off: 10:44 11/17
 Time On Bottom: 05:46 11/17 Time Off Bottom: 09:01 11/17

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLS					
30	0.4269	M	0	0	0	100

Total Recovered: 30 ft
 Total Barrels Recovered: 0.4269

Reversed Out
 NO

Initial Hydrostatic Pressure	1490	PSI
Initial Flow	10 to 16	PSI
Initial Closed In Pressure	870	PSI
Final Flow Pressure	17 to 26	PSI
Final Closed In Pressure	845	PSI
Final Hydrostatic Pressure	1490	PSI
Temperature	97	°F
Pressure Change Initial Close / Final Close	2.9	%

Recovery at a glance



GIP cubic foot volume: 0



3210'

DST 4.jpg



Company: Jaspar Company
Lease: Webster #1

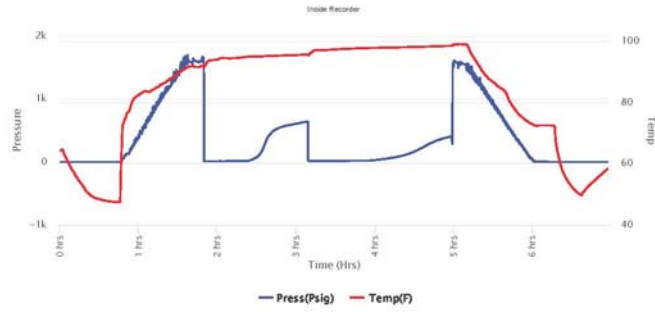
SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
17
 2019

DST #4 **Formation: Arbuckle** **Test Interval: 3294 - 3312'** **Total Depth: 3312'**
 Time On: 21:04 11/17 Time Off: 03:50 11/18
 Time On Bottom: 22:51 11/17 Time Off Bottom: 01:51 11/18

Electronic Volume Estimate:	1st Open	1st Close	2nd Open	2nd Close
25'	Minutes: 30	Minutes: 45	Minutes: 45	Minutes: 60
	Current Reading: 1.6" at 30 min	Current Reading: 0" at 45 min	Current Reading: 9" at 45 min	Current Reading: 0" at 60 min
	Max Reading: 1.9"	Max Reading: 0"	Max Reading: 1"	Max Reading: 0"



DST 4.1.jpg



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Unknown
Pool: WILD CAT
Job Number: 422
API #: 15-163-24406

Operation:
Uploading recovery & pressures

DATE
November
17
2019

DST #4 Formation: Arbuckle Test Interval: 3294 - 3312' Total Depth: 3312'

Time On: 21:04 11/17 Time Off: 03:50 11/18
Time On Bottom: 22:51 11/17 Time Off Bottom: 01:51 11/18

Recovered

Foot	BBLs
5	0.07115
10	0.1423

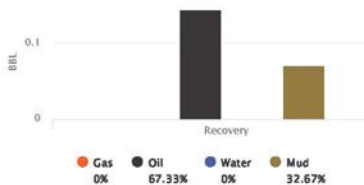
Description of Fluid	Gas %	Oil %	Water %	Mud %
SLOCM	0	2	0	98
O	0	100	0	0

Total Recovered: 15 ft
Total Barrels Recovered: 0.21345

Reversed Out
NO

Initial Hydrostatic Pressure	1583	PSI
Initial Flow	9 to 14	PSI
Initial Closed In Pressure	643	PSI
Final Flow Pressure	16 to 20	PSI
Final Closed In Pressure	406	PSI
Final Hydrostatic Pressure	1583	PSI
Temperature	99	'F
Pressure Change Initial Close / Final Close	36.9	%

Recovery at a glance



GP cubic foot volume: 0

DST 5.jpg

11/18/2019

DST #5 for - Diamond Testing, LLC



Company: Jasper Company
Lease: Webster #1

SEC: 36 T4N: 7S R4G: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Roelfs Ext (1/2 E)
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

Operation:
Uploading recovery & pressures

DATE
November
18
2019

DST #5 **Formation: Arbuckle** **Test Interval: 3312 - 3320'** **Total Depth: 3320'**

Time On: 09:05 11/18 Time Off: 14:32 11/18
Time On Bottom: 10:42 11/18 Time Off Bottom: 12:42 11/18

Electronic Volume
Estimate:
15'

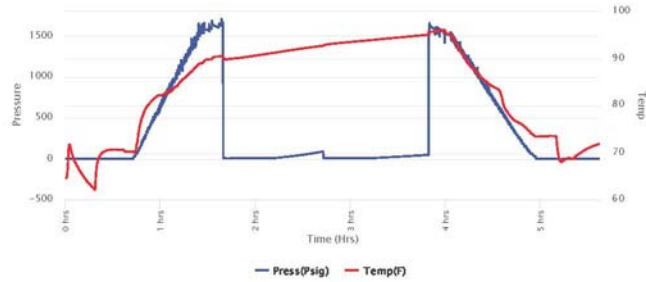
1st Open
Minutes: 30
Current Reading:
8" at 30 min
Max Reading: 9"

1st Close
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

2nd Open
Minutes: 30
Current Reading:
8" at 30 min
Max Reading: 8"

2nd Close
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

Inside Recorder



DST 5.1.jpg

11/18/2019

DST #5 for - Diamond Testing, LLC



Company: Jaspas Company
Lease: Webster #1

SEC: 36 T4N: 7S R4G: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Roelfs Ext (1/2 E)
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24408

Operation:
 Uploading recovery & pressures

DATE
 November
18
 2019

DST #5 **Formation: Arbuckle** **Test Interval: 3312 - 3320'** **Total Depth: 3320'**

Time On: 09:05 11/18 Time Off: 14:32 11/18
 Time On Bottom: 10:42 11/18 Time Off Bottom: 12:42 11/18

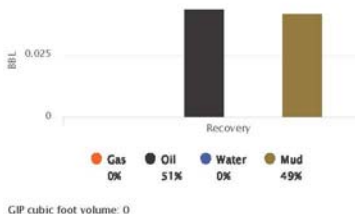
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLS					
3	0.04269	SLOCM	0	2	0	98
3	0.04269	O	0	100	0	0

Total Recovered: 6 ft
 Total Barrels Recovered: 0.08538

Reversed Out
 NO

Initial Hydrostatic Pressure	1607	PSI
Initial Flow	8 to 10	PSI
Initial Closed In Pressure	94	PSI
Final Flow Pressure	11 to 12	PSI
Final Closed In Pressure	51	PSI
Final Hydrostatic Pressure	1607	PSI
Temperature	96	°F
Pressure Change Initial Close / Final Close	45.7	%

Recovery at a glance



GIP cubic foot volume: 0



3312'

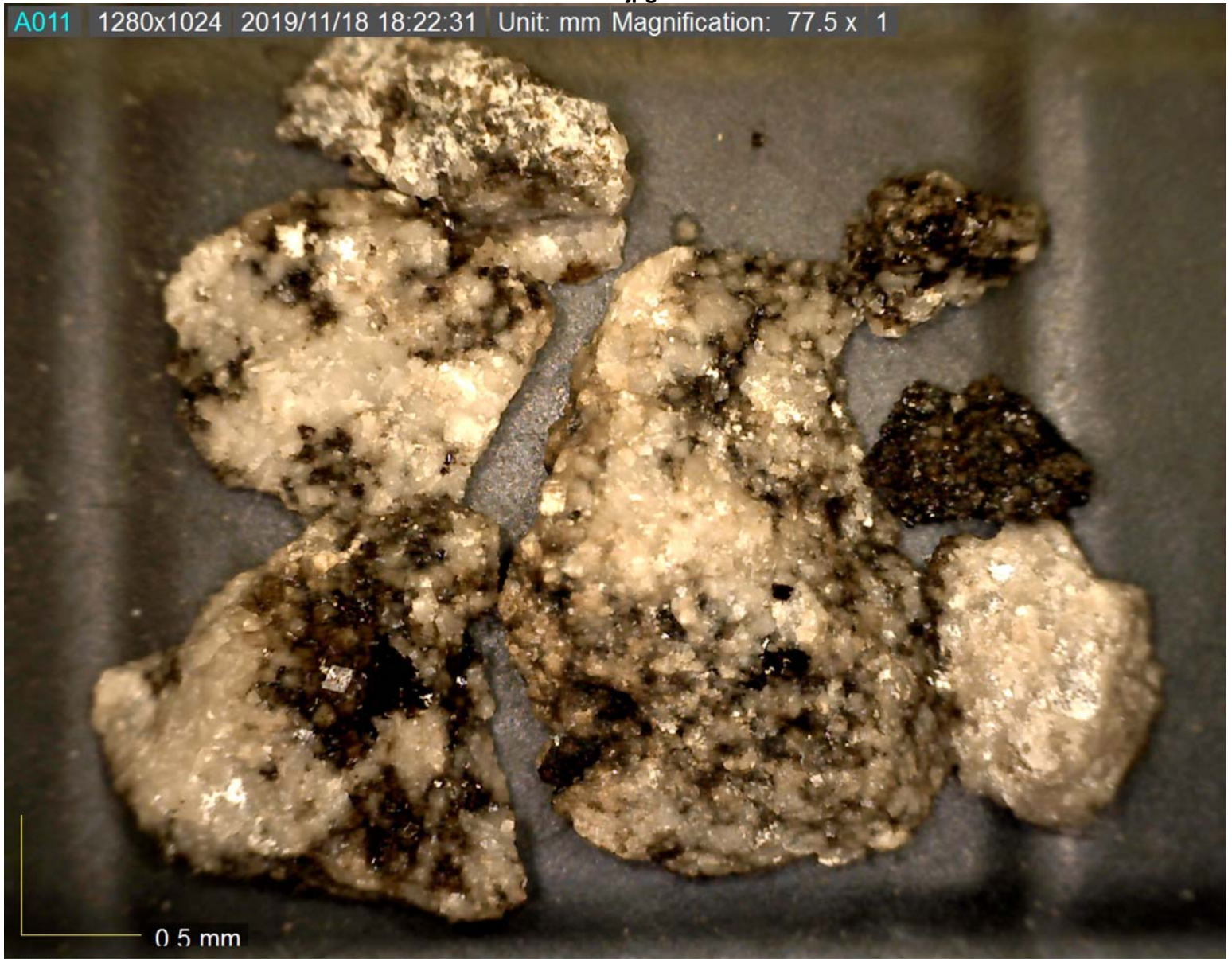


0.5 mm

3312' - 20"



3320'



0.5 mm

3346'

DST 6.1.jpg

11/19/2019

DST #6 for - Diamond Testing, LLC



Company: Jaspas Company
Lease: Webster #1

SEC: 36 T4N: 7S R4G: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Roelfs Ext (1/2 E)
Pool: WILDCAT
Job Number: 422
API #: 15-163-24408

Operation:
Updating recovery & pressures

DATE
November
18
2019

DST #6 **Formation: Arbuckle** **Test Interval: 3320 - 3346'** **Total Depth: 3346'**

Time On: 20:32 11/18 Time Off: 02:38 11/19
Time On Bottom: 22:09 11/18 Time Off Bottom: 00:54 11/19

Recovered

Foot	BBLS
1	0.01423
5	0.07115

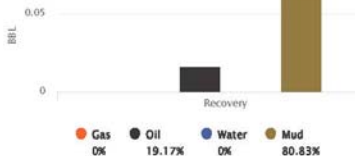
Description of Fluid	Gas %	Oil %	Water %	Mud %
O	0	100	0	0
SLOCM	0	3	0	97

Total Recovered: 6 ft
Total Barrels Recovered: 0.08538

Reversed Out
NO

Initial Hydrostatic Pressure	1604	PSI
Initial Flow	10 to 12	PSI
Initial Closed In Pressure	87	PSI
Final Flow Pressure	12 to 13	PSI
Final Closed In Pressure	57	PSI
Final Hydrostatic Pressure	1605	PSI
Temperature	95	°F
Pressure Change Initial Close / Final Close	34.7	%

Recovery at a glance



GIP cubic foot volume: 0

DST 6.jpg

11/19/2019

DST #6 for - Diamond Testing, LLC



Company: Jaspur Company
Lease: Webster #1

SEC: 36 T4N: 7S R4G: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Roelfs Ext (1/2 E)
Pool: WILDCAT
Job Number: 422
API #: 15-163-24408

Operation:
Uploading recovery & pressures

DATE
November
18
2019

DST #6 Formation: Arbuckle Test Interval: 3320 - 3346' Total Depth: 3346'

Time On: 20:32 11/18 Time Off: 02:38 11/19
Time On Bottom: 22:09 11/18 Time Off Bottom: 00:54 11/19

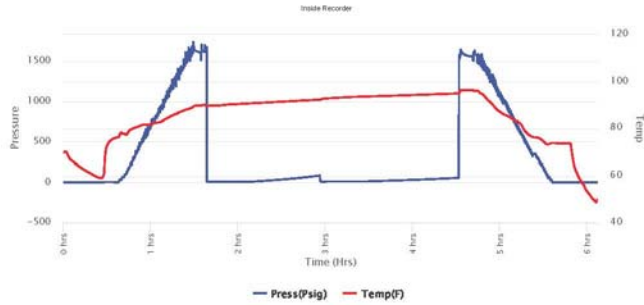
Electronic Volume Estimate: 6'

1st Open
Minutes: 30
Current Reading: .4" at 30 min
Max Reading: .6"

1st Close
Minutes: 45
Current Reading: 0" at 45 min
Max Reading: 0"

2nd Open
Minutes: 30
Current Reading: 0" at 30 min
Max Reading: .1"

2nd Close
Minutes: 60
Current Reading: 0" at 60 min
Max Reading: 0"



QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071

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

No. 1740

Cell 785-324-1041

Date	11-9-19	Sec.	36	Twp.	7	Range	18	County	Rooks	State	KS	On Location		Finish	11:45PM	
Lease								Well No.		Location						
Webster								1		Stockton - Stop light 1/2 S, turn east follow Blacktop 5 1/2 mile, 1/4 S on dirt El Toro						
Contractor										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.						
Type Job										Eltoro						
Conductor										Charge To Jasper Company						
Hole Size				T.D.				Charge To								
17 1/2"				98'				Jasper Company								
Csg.				Depth				Street								
13 3/8" 48#				88'												
Tbg. Size				Depth				City				State				
10' of 8 5/8"																
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.				Shoe Joint				Cement Amount Ordered								
15'				15'				120 80/20 3% CC 2% Gel								
Meas Line				Displace												
				12 BLS												
EQUIPMENT																
Pumptrk		No.		Cement		Helper		Common		96						
20				Tony P.				Poz. Mix		24						
Bulktrk		No.		Driver		Mike		Gel.		3						
14				Mike				Calcium		4						
Bulktrk		No.		Driver		Rick		Hulls								
p.u.				Rick				Salt								
JOB SERVICES & REMARKS																
Remarks: Cement did Circulate																
Rat Hole												Flowseal				
Mouse Hole												Kol-Seal				
Centralizers												Mud CLR 48				
Baskets												CFL-117 or CD110 CAF 38				
DNV or Port Collar												Sand				
$10' - 8 5/8" = .637$ $88' - 13 3/8" = 11.46 \text{ BLS}$ 12.09 BLS												Handling 127				
												Mileage				
												FLOAT EQUIPMENT				
												Guide Shoe				
												Centralizer				
												Baskets				
												AFU inserts				
												Float Shoe				
												Latch Down				
												Pumptrk Charge				
												Conductor Surface				
												Mileage 36				
												Tax				
												Discount				
												Total Charge				
X Signature																

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

– **TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

– **ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

– **PRICES AND TAXES:** All merchandise listed in "QUALITY'S" current price schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

– **TOWING CHARGES:** QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

– **PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

– **DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

– **SERVICE CONDITIONS AND LIABILITIES:** 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071

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

No. 1742

Cell 785-324-1041

Date	11-12-19	Sec.	36	Twp.	7	Range	18	County	Rooks	State	Ks	On Location		Finish	10 ³⁰ AM
------	----------	------	----	------	---	-------	----	--------	-------	-------	----	-------------	--	--------	---------------------

Lease Webster Location Stockton - S Side of River, 3/4 S, E into

Well No. 1 Owner To Quality Oilwell Cementing, Inc.

Contractor Flex #1 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 Surface Charge To Jaspar Co.

Hole Size 12 1/4" T.D. 1230' Street

Csg. 8 5/8" Depth 1230' City State

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

Tool Depth Cement Left in Csg. 35' Shoe Joint 35' Cement Amount Ordered 450 80/20 3% CC 2% bel

Meas Line Displace 76 BLS

EQUIPMENT

16 Common 360

Pumptrk 20 No.	Cementer		
	Helper	<u>Tony P.</u>	Poz. Mix <u>90</u>
Bulktrk <u>19</u> No.	Driver	<u>Mike</u>	Gel. <u>8</u>
	Driver	<u>Rick</u>	Calcium <u>16</u>

p.u. Driver Rick

JOB SERVICES & REMARKS

Remarks: Cement did Circulate

Rat Hole Flowseal

Mouse Hole Kol-Seal

Centralizers Mud CLR 48

Baskets CFL-117 or CD110 CAF 38

D/V or Port Collar Sand

Handling 464

Mileage

FLOAT EQUIPMENT

Guide Shoe Baffle plate

Centralizer

Baskets

AFU Inserts

Float Shoe Rubber plug

Latch Down

Pumptrk Charge Long Surface

Mileage 36

Tax

Discount

Total Charge

X Signature [Signature]

Thanks

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

– **TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

– **ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

– **PRICES AND TAXES:** All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

– **TOWING CHARGES:** QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

– **PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

– **DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

– **SERVICE CONDITIONS AND LIABILITIES:** 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE; EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

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

No. 1835

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-19-19	36	7	18	ROCKS	KS		11:30

Location Stockton South Side River 1/2 S 1/2 E N110

Lease	Well No.	Owner
Webster	1	To Quality Oilwell Cementing, Inc.
Contractor		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		
Rotan/ Plug		
Hole Size	T.D.	Charge To
7 7/8	3420	Jesper Company
Csg.	Depth	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.	Shoe Joint	Cement Amount Ordered
		255 60/40 4.00 4# FLO

Meas Line Displace

EQUIPMENT			Common
Pumptrk	No.	Cementer	153
20		Helper	Poz. Mix 102
Bulktrk	No.	Driver	Gel. 9
		Driver	Calcium
Bulktrk	No.	Driver	
15		Driver	

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole 30SK	Salt
Mouse Hole 15SK	Flowseal 50#
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
1st 3282 50SK	Sand
2nd 1280 50SK	Handling 264
3rd 715 100SK	Mileage
4th 40' 10SK	Float Equipment 8-5/8 Dry Hole Plug
	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	Pumptrk Charge Plug
	Mileage 36 Plug

Thanks

X Signature	Tax
	Discount
	Total Charge

[Handwritten Signature]

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

– **TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

– **ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

– **PRICES AND TAXES:** All merchandise listed in "QUALITY'S" current price schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

– **TOWING CHARGES:** QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

– **PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

– **DEADHAUL, CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

– **SERVICE CONDITIONS AND LIABILITIES:** 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
15
 2019

DST #1 **Formation: Lan C-F** **Test Interval: 3034 - 3101'** **Total Depth: 3101'**
 Time On: 21:27 11/15 Time Off: 03:51 11/16
 Time On Bottom: 23:08 11/15 Time Off Bottom: 02:08 11/16

Electronic Volume Estimate:
 5'

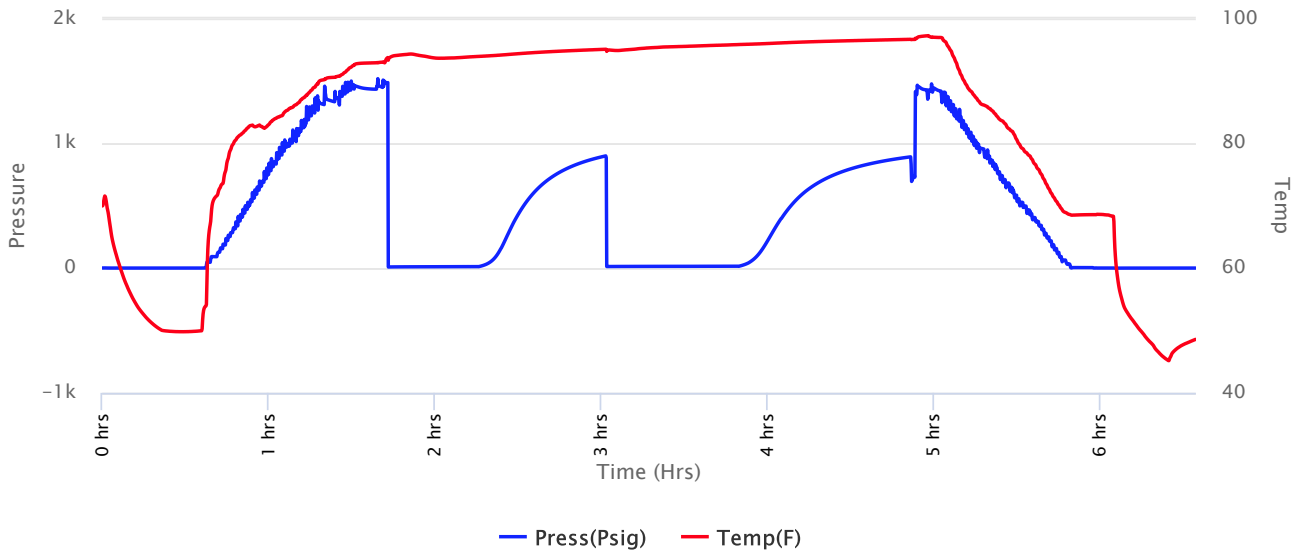
1st Open
 Minutes: 30
 Current Reading:
 .5" at 30 min
 Max Reading: .5"

1st Close
 Minutes: 45
 Current Reading:
 0" at 45 min
 Max Reading: 0"

2nd Open
 Minutes: 45
 Current Reading:
 .1" at 45 min
 Max Reading: .1"

2nd Close
 Minutes: 60
 Current Reading:
 0" at 60 min
 Max Reading: 0"

Inside Recorder





Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
15
 2019

DST #1 **Formation: Lan C-F** **Test Interval: 3034 - 3101'** **Total Depth: 3101'**
 Time On: 21:27 11/15 Time Off: 03:51 11/16
 Time On Bottom: 23:08 11/15 Time Off Bottom: 02:08 11/16

Recovered

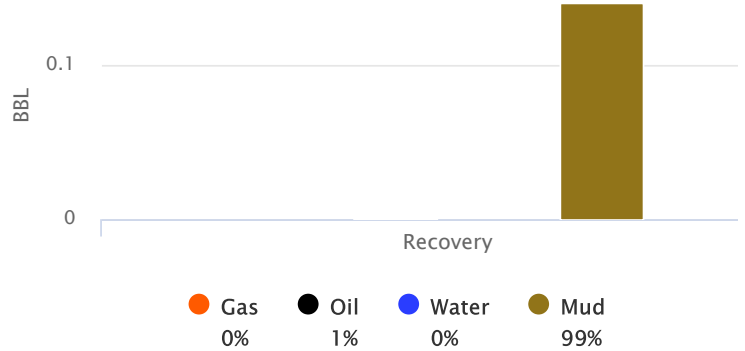
<u>Foot</u>	<u>BBLs</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
10	0.1423	OSM	0	1	0	99

Total Recovered: 10 ft
 Total Barrels Recovered: 0.1423

Reversed Out
 NO

Initial Hydrostatic Pressure	1434	PSI
Initial Flow	9 to 12	PSI
Initial Closed in Pressure	899	PSI
Final Flow Pressure	12 to 15	PSI
Final Closed in Pressure	892	PSI
Final Hydrostatic Pressure	1435	PSI
Temperature	97	°F
Pressure Change Initial Close / Final Close	0.8	%

Recovery at a glance



GIP cubic foot volume: 0



Company: Jasper Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Unknown
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

Operation:

Uploading recovery &
pressures

DATE

November
15
2019

DST #1	Formation: Lan C-F	Test Interval: 3034 - 3101'	Total Depth: 3101'
	Time On: 21:27 11/15	Time Off: 03:51 11/16	
	Time On Bottom: 23:08 11/15	Time Off Bottom: 02:08 11/16	

BUCKET MEASUREMENT:

1st Open: WSB. Built to 1/2 inch in 30 mins
1st Close: NOBB
2nd Open: WSB. Blow did not build.
2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 1% Oil 0% Water 99% Mud



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
15
 2019

DST #1 Formation: Lan C-F Test Interval: 3034 - 3101' Total Depth: 3101'
 Time On: 21:27 11/15 Time Off: 03:51 11/16
 Time On Bottom: 23:08 11/15 Time Off Bottom: 02:08 11/16

Down Hole Makeup

Heads Up: 7.65 FT	Packer 1: 3029 FT
Drill Pipe: 3016.49 FT <i>ID-3 1/3</i>	Packer 2: 3034 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3021 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3072 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 67	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 2 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 32 FT <i>ID-3 1/3</i>	
Change Over: 1 FT	
Perforations: (below): 30 FT <i>4 1/2-FH</i>	



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Unknown
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

Operation:
Uploading recovery &
pressures

DATE
November
15
2019

DST #1 Formation: Lan C-F Test Interval: 3034 - 3101' Total Depth: 3101'
Time On: 21:27 11/15 Time Off: 03:51 11/16
Time On Bottom: 23:08 11/15 Time Off Bottom: 02:08 11/16

Mud Properties

Mud Type: Chem **Weight:** 8.6 **Viscosity:** 56 **Filtrate:** 8 **Chlorides:** 1600 ppm



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL

Operation:
Uploading recovery &
pressures

Field Name: Unknown
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

DATE
November
15
2019

DST #1 Formation: Lan C-F Test Interval: 3034 - Total Depth: 3101'
3101'
Time On: 21:27 11/15 Time Off: 03:51 11/16
Time On Bottom: 23:08 11/15 Time Off Bottom: 02:08 11/16

Gas Volume Report

1st Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
16
 2019

DST #2 **Formation: Lans G** **Test Interval: 3100 - 3120'** **Total Depth: 3120'**
 Time On: 21:46 11/16 Time Off: 16:23 11/16
 Time On Bottom: 11:24 11/16 Time Off Bottom: 14:24 11/16

Electronic Volume
 Estimate:
 8'

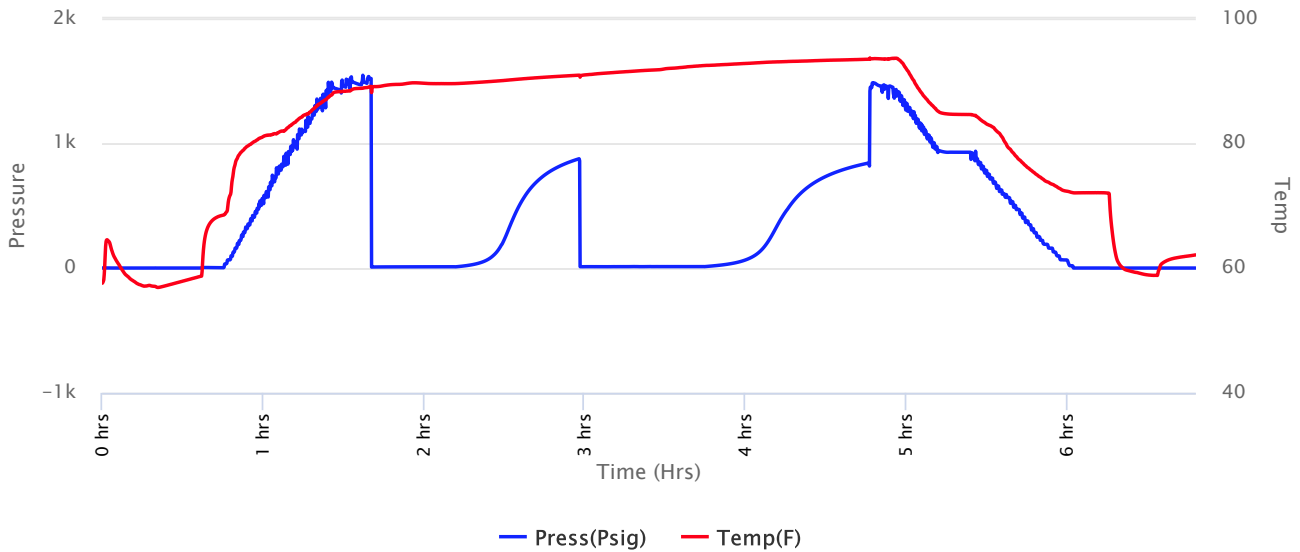
1st Open
 Minutes: 30
 Current Reading:
 .7" at 30 min
 Max Reading: .7"

1st Close
 Minutes: 45
 Current Reading:
 .15" at 45 min
 Max Reading: .15"

2nd Open
 Minutes: 45
 Current Reading:
 .1" at 45 min
 Max Reading: .1"

2nd Close
 Minutes: 60
 Current Reading:
 .1" at 60 min
 Max Reading: .1"

Inside Recorder





Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
16
 2019

DST #2 **Formation: Lans G** **Test Interval: 3100 - 3120'** **Total Depth: 3120'**
 Time On: 21:46 11/16 Time Off: 16:23 11/16
 Time On Bottom: 11:24 11/16 Time Off Bottom: 14:24 11/16

Recovered

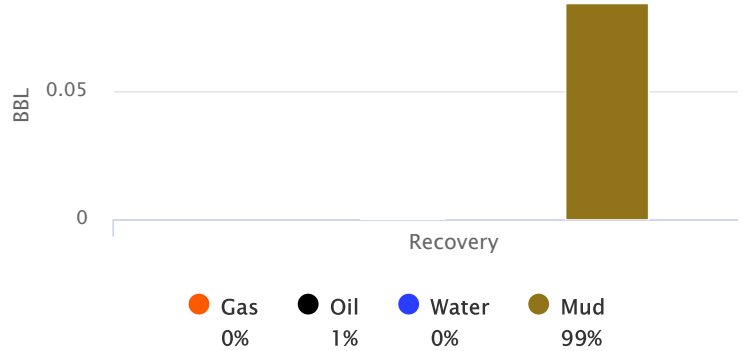
<u>Foot</u>	<u>BBLs</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
6	0.08538	SLOCM	0	1	0	99

Total Recovered: 6 ft
 Total Barrels Recovered: 0.08538

Reversed Out
 NO

Initial Hydrostatic Pressure	1469	PSI
Initial Flow	8 to 11	PSI
Initial Closed in Pressure	876	PSI
Final Flow Pressure	11 to 12	PSI
Final Closed in Pressure	841	PSI
Final Hydrostatic Pressure	841	PSI
Temperature	94	°F
Pressure Change Initial Close / Final Close	4.0	%

Recovery at a glance



GIP cubic foot volume: 0



Company: Jasper Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Unknown
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

Operation:

Uploading recovery &
pressures

DATE

November
16
2019

DST #2	Formation: Lans G	Test Interval: 3100 - 3120'	Total Depth: 3120'
	Time On: 21:46 11/16	Time Off: 16:23 11/16	
	Time On Bottom: 11:24 11/16	Time Off Bottom: 14:24 11/16	

BUCKET MEASUREMENT:

1st Open: Wsb. Built to 3/4 inch in 30 mins
1st Close: Weak Blow Back
2nd Open: WSB. Blow Didn't Build
2nd Close: Weak Blow Back

REMARKS:

Tool Sample: 0% Gas 3% Oil 32% Water 65% Mud
Ph: 7
Measured RW: .65 @ 62 degrees °F
RW at Formation Temp: 0.444 @ 94 °F
Chlorides: 19000 ppm



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
16
 2019

DST #2 Formation: Lans G Test Interval: 3100 - 3120' Total Depth: 3120'
 Time On: 21:46 11/16 Time Off: 16:23 11/16
 Time On Bottom: 11:24 11/16 Time Off Bottom: 14:24 11/16

Down Hole Makeup

Heads Up: 5.53 FT	Packer 1: 3095 FT
Drill Pipe: 3080.37 FT <i>ID-3 1/3</i>	Packer 2: 3100 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3087 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3102 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 20	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/3</i>	
Change Over: FT	
Perforations: (below): 19 FT <i>4 1/2-FH</i>	



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
16
 2019

DST #2 Formation: Lans G Test Interval: 3100 - 3120' Total Depth: 3120'
 Time On: 21:46 11/16 Time Off: 16:23 11/16
 Time On Bottom: 11:24 11/16 Time Off Bottom: 14:24 11/16

Mud Properties

Mud Type: chem **Weight:** 9.3 **Viscosity:** 50 **Filtrate:** 8 **Chlorides:** 1800 ppm



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL

Operation:
Uploading recovery &
pressures

Field Name: Unknown
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

DATE
November
16
2019

DST #2 Formation: Lans G Test Interval: 3100 - Total Depth: 3120'
3120'
Time On: 21:46 11/16 Time Off: 16:23 11/16
Time On Bottom: 11:24 11/16 Time Off Bottom: 14:24 11/16

Gas Volume Report

1st Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
17
 2019

DST #3 Formation: Lans I-K Test Interval: 3150 - 3223' Total Depth: 3223'
 Time On: 04:09 11/17 Time Off: 10:44 11/17
 Time On Bottom: 05:46 11/17 Time Off Bottom: 09:01 11/17

Electronic Volume
 Estimate:
 14'

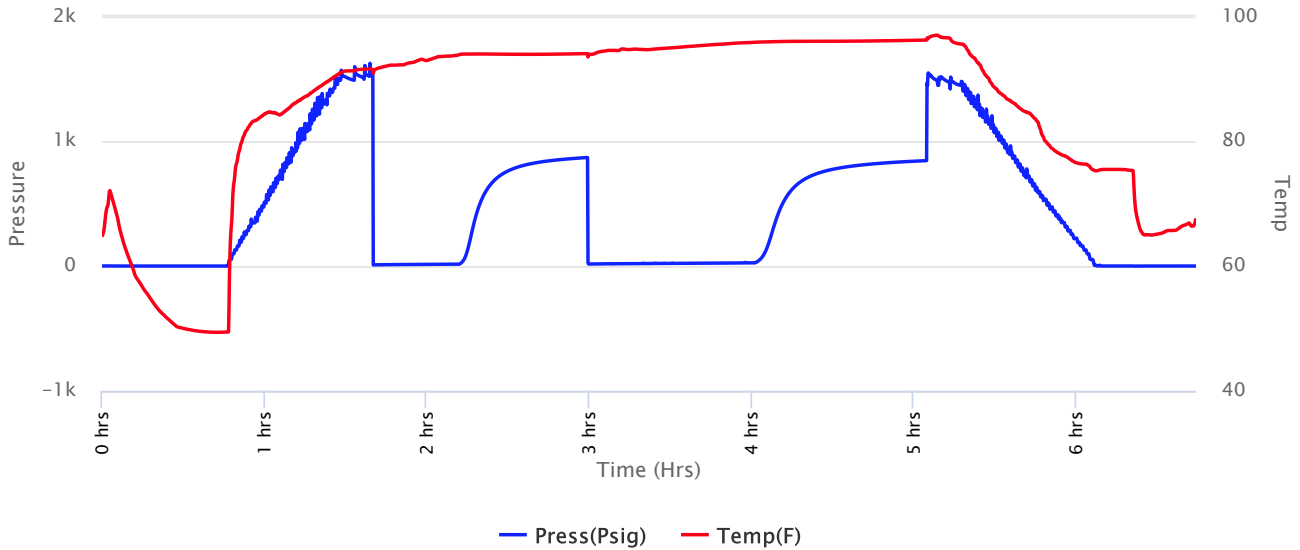
1st Open
 Minutes: 30
 Current Reading:
 1.4" at 30 min
 Max Reading: 1.4"

1st Close
 Minutes: 45
 Current Reading:
 0" at 45 min
 Max Reading: 0"

2nd Open
 Minutes: 60
 Current Reading:
 .25" at 60 min
 Max Reading: .25"

2nd Close
 Minutes: 60
 Current Reading:
 0" at 60 min
 Max Reading: 0"

Inside Recorder





Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
17
 2019

DST #3 Formation: Lans I-K Test Interval: 3150 - 3223' Total Depth: 3223'
 Time On: 04:09 11/17 Time Off: 10:44 11/17
 Time On Bottom: 05:46 11/17 Time Off Bottom: 09:01 11/17

Recovered

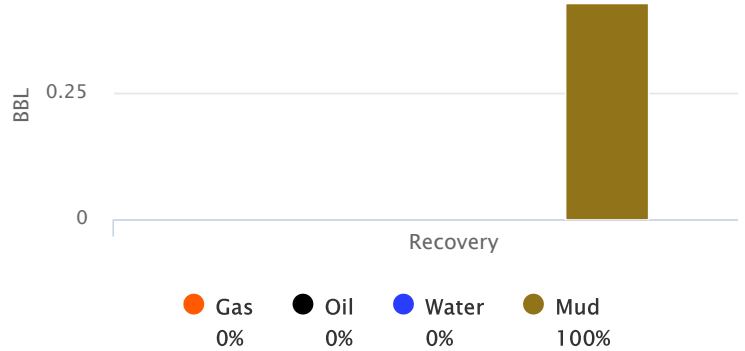
<u>Foot</u>	<u>BBLs</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
30	0.4269	M	0	0	0	100

Total Recovered: 30 ft
 Total Barrels Recovered: 0.4269

Reversed Out
 NO

Initial Hydrostatic Pressure	1490	PSI
Initial Flow	10 to 16	PSI
Initial Closed in Pressure	870	PSI
Final Flow Pressure	17 to 26	PSI
Final Closed in Pressure	845	PSI
Final Hydrostatic Pressure	1490	PSI
Temperature	97	°F
Pressure Change Initial Close / Final Close	2.9	%

Recovery at a glance



GIP cubic foot volume: 0



Company: Jasper Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Unknown
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

Operation:
Uploading recovery &
pressures

DATE
November
17
2019

DST #3 Formation: Lans I-K Test Interval: 3150 - Total Depth: 3223'
3223'
Time On: 04:09 11/17 Time Off: 10:44 11/17
Time On Bottom: 05:46 11/17 Time Off Bottom: 09:01 11/17

BUCKET MEASUREMENT:

1st Open: WSB. Built to 1 1/2 inch in 30 mins
1st Close: NOBB
2nd Open: WSB. Built to 1/4 inch in 60 mins
2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 1% Oil 0% Water 99% Mud



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
17
 2019

DST #3 Formation: Lans I-K Test Interval: 3150 - 3223' Total Depth: 3223'
 Time On: 04:09 11/17 Time Off: 10:44 11/17
 Time On Bottom: 05:46 11/17 Time Off Bottom: 09:01 11/17

Down Hole Makeup

Heads Up: 20.48 FT	Packer 1: 3144.96 FT
Drill Pipe: 3145.28 FT <i>ID-3 1/3</i>	Packer 2: 3149.96 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3136.96 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3189 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 73.04	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 32.04 FT <i>ID-3 1/3</i>	
Change Over: 1 FT	
Perforations: (below): 35 FT <i>4 1/2-FH</i>	



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Unknown
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

Operation:
Uploading recovery &
pressures

DATE
November
17
2019

DST #3 Formation: Lans I-K Test Interval: 3150 - 3223' Total Depth: 3223'
Time On: 04:09 11/17 Time Off: 10:44 11/17
Time On Bottom: 05:46 11/17 Time Off Bottom: 09:01 11/17

Mud Properties

Mud Type: Chem **Weight:** 9.3 **Viscosity:** 50 **Filtrate:** 8 **Chlorides:** 1800 ppm



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL

Operation:
Uploading recovery &
pressures

Field Name: Unknown
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

DATE
November
17
2019

DST #3 Formation: Lans I-K Test Interval: 3150 - Total Depth: 3223'
3223'
Time On: 04:09 11/17 Time Off: 10:44 11/17
Time On Bottom: 05:46 11/17 Time Off Bottom: 09:01 11/17

Gas Volume Report

1st Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
17
 2019

DST #4 Formation: Arbuckle Test Interval: 3294 - 3312' Total Depth: 3312'
 Time On: 21:04 11/17 Time Off: 03:50 11/18
 Time On Bottom: 22:51 11/17 Time Off Bottom: 01:51 11/18

Electronic Volume Estimate:
 25'

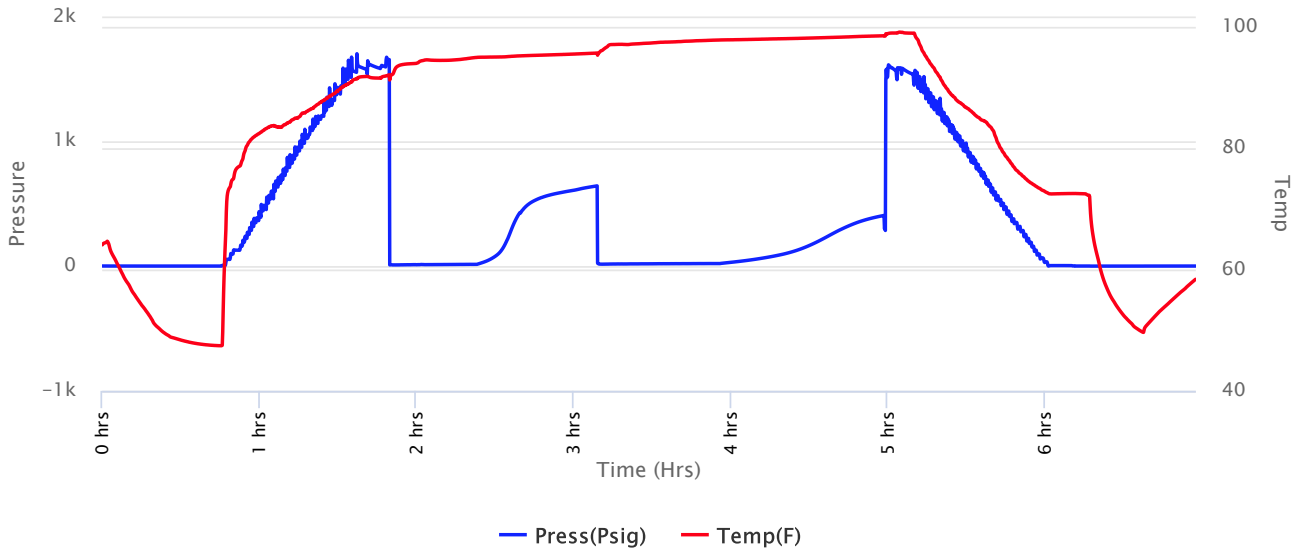
1st Open
 Minutes: 30
 Current Reading:
 1.6" at 30 min
 Max Reading: 1.9"

1st Close
 Minutes: 45
 Current Reading:
 0" at 45 min
 Max Reading: 0"

2nd Open
 Minutes: 45
 Current Reading:
 .9" at 45 min
 Max Reading: 1"

2nd Close
 Minutes: 60
 Current Reading:
 0" at 60 min
 Max Reading: 0"

Inside Recorder





Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
17
 2019

DST #4 Formation: Arbuckle Test Interval: 3294 - 3312' Total Depth: 3312'
 Time On: 21:04 11/17 Time Off: 03:50 11/18
 Time On Bottom: 22:51 11/17 Time Off Bottom: 01:51 11/18

Recovered

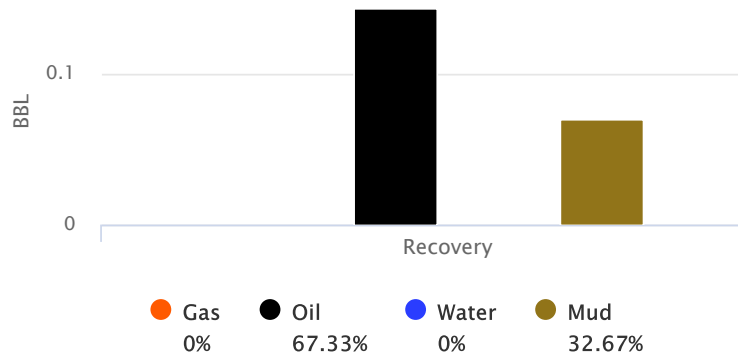
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
5	0.07115	SLOCM	0	2	0	98
10	0.1423	O	0	100	0	0

Total Recovered: 15 ft
 Total Barrels Recovered: 0.21345

Reversed Out
 NO

Initial Hydrostatic Pressure	1583	PSI
Initial Flow	9 to 14	PSI
Initial Closed in Pressure	643	PSI
Final Flow Pressure	16 to 20	PSI
Final Closed in Pressure	406	PSI
Final Hydrostatic Pressure	1583	PSI
Temperature	99	°F
Pressure Change Initial Close / Final Close	36.9	%

Recovery at a glance



GIP cubic foot volume: 0



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Unknown
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

Operation:

Uploading recovery &
pressures

DATE

November
17
2019

DST #4 Formation: Arbuckle Test Interval: 3294 - Total Depth: 3312'
3312'

Time On: 21:04 11/17

Time Off: 03:50 11/18

Time On Bottom: 22:51 11/17

Time Off Bottom: 01:51 11/18

BUCKET MEASUREMENT:

1st Open: WSB. Built to 1 3/4 inches in 30 mins

1st Close: NOBB

2nd Open: WSB. Built to 1 inch in 45 mins

2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 30% Oil 0% Water 70% Mud

Gravity: 29.7 @ 60 °F



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
17
 2019

DST #4 Formation: Arbuckle Test Interval: 3294 - 3312' Total Depth: 3312'
 Time On: 21:04 11/17 Time Off: 03:50 11/18
 Time On Bottom: 22:51 11/17 Time Off Bottom: 01:51 11/18

Down Hole Makeup

Heads Up: 4.27 FT	Packer 1: 3289 FT
Drill Pipe: 3273.11 FT <i>ID-3 1/3</i>	Packer 2: 3294 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3281 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3296 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 18	Surface Choke: 1"
Anchor Makeup	
Packer Sub: 1 FT	Bottom Choke: 5/8"
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/3</i>	
Change Over: FT	
Perforations: (below): 17 FT <i>4 1/2-FH</i>	



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Unknown
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

Operation:
Uploading recovery &
pressures

DATE
November
17
2019

DST #4 Formation: Arbuckle Test Interval: 3294 - 3312' Total Depth: 3312'
Time On: 21:04 11/17 Time Off: 03:50 11/18
Time On Bottom: 22:51 11/17 Time Off Bottom: 01:51 11/18

Mud Properties

Mud Type: Chem **Weight:** 9.3 **Viscosity:** 50 **Filtrate:** 7.2 **Chlorides:** 2000 ppm



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL

Operation:
Uploading recovery &
pressures

Field Name: Unknown
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

DATE
November
17
2019

DST #4 Formation: Arbuckle Test Interval: 3294 - Total Depth: 3312'
3312'
Time On: 21:04 11/17 Time Off: 03:50 11/18
Time On Bottom: 22:51 11/17 Time Off Bottom: 01:51 11/18

Gas Volume Report

1st Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------



Company: Jasper Company Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Roelfs Ext (1/2 E)
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

Operation:
Uploading recovery &
pressures

DATE
November
18
2019

DST #5 Formation: Arbuckle Test Interval: 3312 - 3320' Total Depth: 3320'

Time On: 09:05 11/18 Time Off: 14:32 11/18
Time On Bottom: 10:42 11/18 Time Off Bottom: 12:42 11/18

Electronic Volume
Estimate:
15'

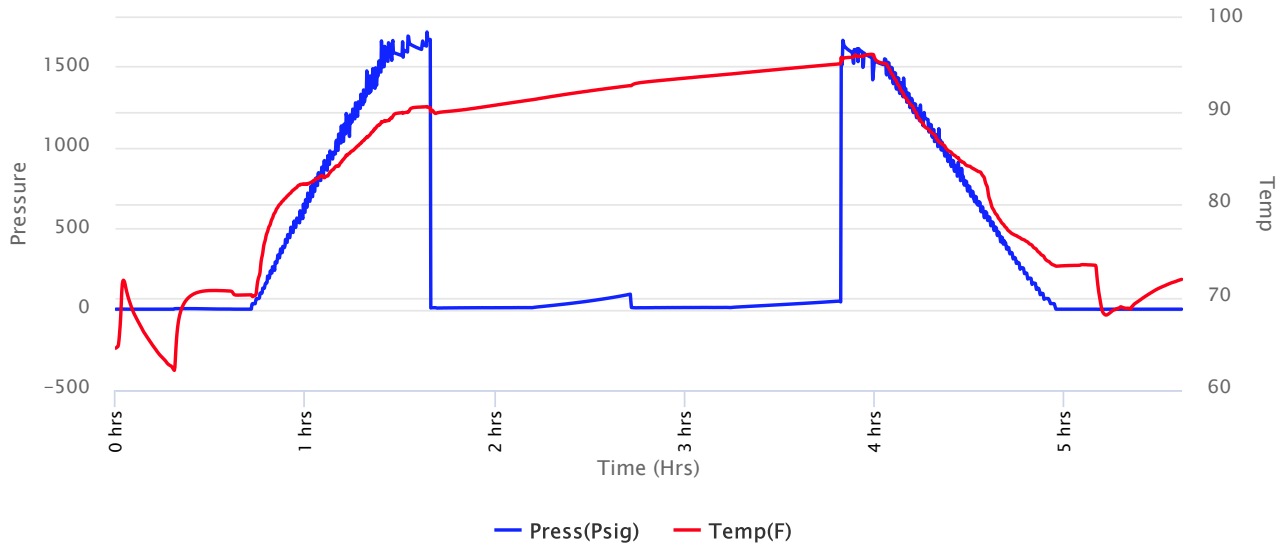
1st Open
Minutes: 30
Current Reading:
.8" at 30 min
Max Reading: .9"

1st Close
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

2nd Open
Minutes: 30
Current Reading:
.8" at 30 min
Max Reading: .8"

2nd Close
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

Inside Recorder





Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Roelfs Ext (1/2 E)
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery & pressures

DATE
 November
18
 2019

DST #5 **Formation: Arbuckle** **Test Interval: 3312 - 3320'** **Total Depth: 3320'**
 Time On: 09:05 11/18 Time Off: 14:32 11/18
 Time On Bottom: 10:42 11/18 Time Off Bottom: 12:42 11/18

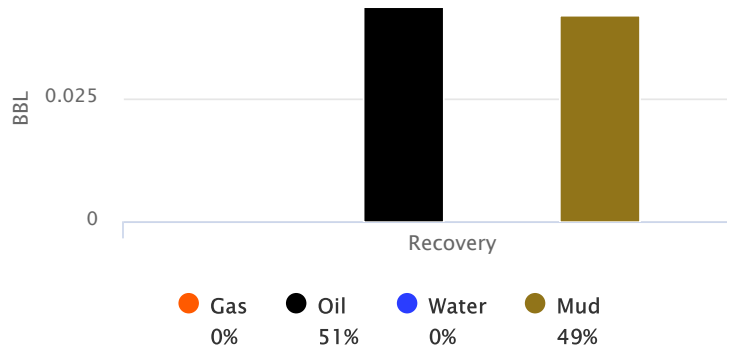
Recovered

Foot	BCLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
3	0.04269	SLOCM	0	2	0	98
3	0.04269	O	0	100	0	0

Total Recovered: 6 ft
 Total Barrels Recovered: 0.08538

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1607	PSI
Initial Flow	8 to 10	PSI
Initial Closed in Pressure	94	PSI
Final Flow Pressure	11 to 12	PSI
Final Closed in Pressure	51	PSI
Final Hydrostatic Pressure	1607	PSI
Temperature	96	°F
Pressure Change Initial Close / Final Close	45.7	%

GIP cubic foot volume: 0



Company: Jaspar Company Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Roelfs Ext (1/2 E)
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

Operation:
Uploading recovery &
pressures

DATE
November
18
2019

DST #5 Formation: Arbuckle Test Interval: 3312 - 3320' Total Depth: 3320'
Time On: 09:05 11/18 Time Off: 14:32 11/18
Time On Bottom: 10:42 11/18 Time Off Bottom: 12:42 11/18

BUCKET MEASUREMENT:

1st Open: WSB. Built to 1 inch in 30 mins
1st Close: NOBB
2nd Open: WSB. Built to 3/4 inch in 30 mins
2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 40% Oil 0% Water 60% Mud
Gravity: 27.6 @ 60 °F



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Roelfs Ext (1/2 E)
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
18
 2019

DST #5 Formation: Arbuckle Test Interval: 3312 - 3320' Total Depth: 3320'
 Time On: 09:05 11/18 Time Off: 14:32 11/18
 Time On Bottom: 10:42 11/18 Time Off Bottom: 12:42 11/18

Down Hole Makeup

Heads Up: 18.85 FT	Packer 1: 3307 FT
Drill Pipe: 3305.69 FT <i>ID-3 1/3</i>	Packer 2: 3312 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3299 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3314 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 8	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/3</i>	
Change Over: FT	
Perforations: (below): 7 FT <i>4 1/2-FH</i>	



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Roelfs Ext (1/2 E)

Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

Operation:
Uploading recovery &
pressures

DATE
November
18
2019

DST #5 Formation: Arbuckle Test Interval: 3312 - 3320' Total Depth: 3320'

Time On: 09:05 11/18 Time Off: 14:32 11/18
Time On Bottom: 10:42 11/18 Time Off Bottom: 12:42 11/18

Mud Properties

Mud Type: Chem **Weight:** 9.3 **Viscosity:** 50 **Filtrate:** 7.2 **Chlorides:** 2000 ppm



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Roelfs Ext (1/2 E)
Pool: WILDCAT

Operation:

Uploading recovery &
pressures

DATE
November
18
2019

DST #5 Formation: Arbuckle Test Interval: 3312 - 3320' Total Depth: 3320'

Time On: 09:05 11/18 Time Off: 14:32 11/18
Time On Bottom: 10:42 11/18 Time Off Bottom: 12:42 11/18

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

Time	Orifice	PSI	MCF/D
------	---------	-----	-------



Company: Jasper Company Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Roelfs Ext (1/2 E)
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

Operation:
Uploading recovery &
pressures

DATE
November
18
2019

DST #6 Formation: Arbuckle Test Interval: 3320 - 3346' Total Depth: 3346'

Time On: 20:32 11/18 Time Off: 02:38 11/19
Time On Bottom: 22:09 11/18 Time Off Bottom: 00:54 11/19

Electronic Volume
Estimate:
6'

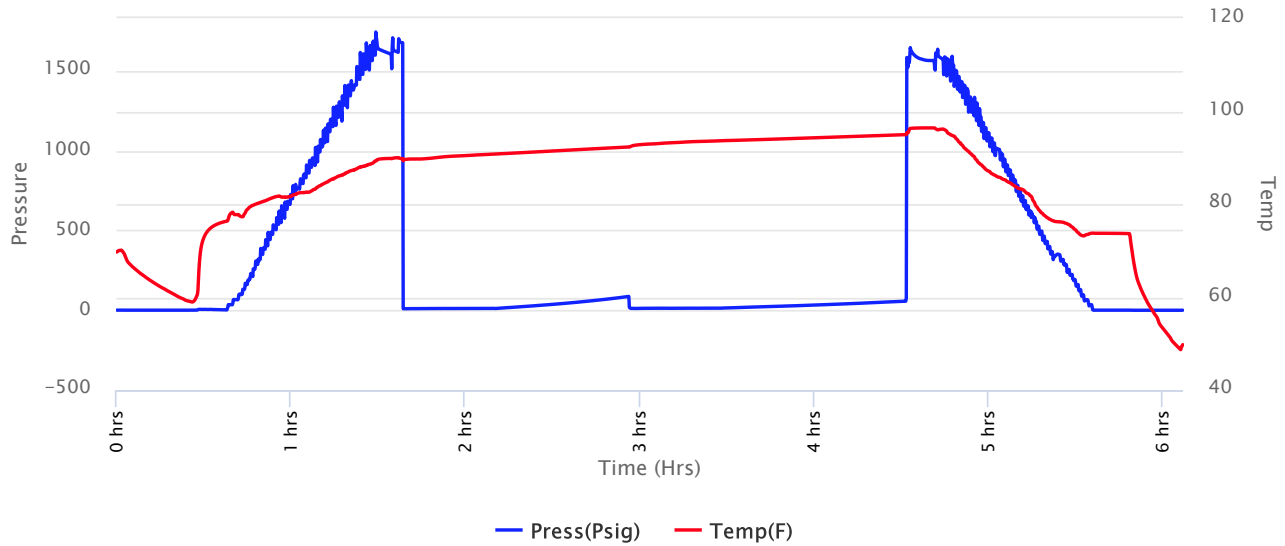
1st Open
Minutes: 30
Current Reading:
.4" at 30 min
Max Reading: .6"

1st Close
Minutes: 45
Current Reading:
0" at 45 min
Max Reading: 0"

2nd Open
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: .1"

2nd Close
Minutes: 60
Current Reading:
0" at 60 min
Max Reading: 0"

Inside Recorder





Company: Jasper Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Roelfs Ext (1/2 E)
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery & pressures

DATE
 November
18
 2019

DST #6 Formation: Arbuckle Test Interval: 3320 - 3346' Total Depth: 3346'
 Time On: 20:32 11/18 Time Off: 02:38 11/19
 Time On Bottom: 22:09 11/18 Time Off Bottom: 00:54 11/19

Recovered

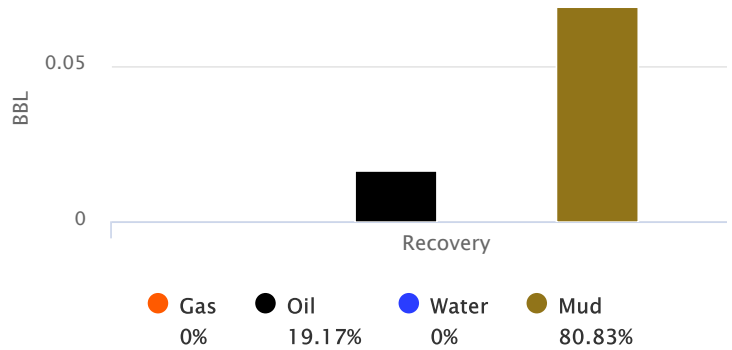
Foot	BCLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
1	0.01423	O	0	100	0	0
5	0.07115	SLOCM	0	3	0	97

Total Recovered: 6 ft
 Total Barrels Recovered: 0.08538

Reversed Out
 NO

Initial Hydrostatic Pressure	1604	PSI
Initial Flow	10 to 12	PSI
Initial Closed in Pressure	87	PSI
Final Flow Pressure	12 to 13	PSI
Final Closed in Pressure	57	PSI
Final Hydrostatic Pressure	1605	PSI
Temperature	95	°F
Pressure Change Initial Close / Final Close	34.7	%

Recovery at a glance



GIP cubic foot volume: 0



Company: Jaspar Company

Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Roelfs Ext (1/2 E)
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

Operation:
Uploading recovery &
pressures

DATE
November
18
2019

DST #6 Formation: Arbuckle Test Interval: 3320 - Total Depth: 3346'
3346'
Time On: 20:32 11/18 Time Off: 02:38 11/19
Time On Bottom: 22:09 11/18 Time Off Bottom: 00:54 11/19

BUCKET MEASUREMENT:

1st Open: WSB. Built to 1/2 inch in 30 mins
1st Close: NOBB
2nd Open: WSB. Blow died 15 mins in a 30 min Opening
2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 5% Oil 0% Water 95% Mud



Company: Jasper Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Roelfs Ext (1/2 E)
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

Operation:
 Uploading recovery &
 pressures

DATE
 November
18
 2019

DST #6 Formation: Arbuckle Test Interval: 3320 - 3346' Total Depth: 3346'
 Time On: 20:32 11/18 Time Off: 02:38 11/19
 Time On Bottom: 22:09 11/18 Time Off Bottom: 00:54 11/19

Down Hole Makeup

Heads Up: 11.05 FT	Packer 1: 3315 FT
Drill Pipe: 3305.89 FT <i>ID-3 1/3</i>	Packer 2: 3320 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3307 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 1 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 26	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/3</i>	
Change Over: FT	
Perforations: (below): 22 FT <i>4 1/2-FH</i>	



Company: Jasper Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Roelfs Ext (1/2 E)

Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

Operation:
Uploading recovery &
pressures

DATE
November
18
2019

DST #6 Formation: Arbuckle Test Interval: 3320 - 3346' Total Depth: 3346'

Time On: 20:32 11/18 Time Off: 02:38 11/19
Time On Bottom: 22:09 11/18 Time Off Bottom: 00:54 11/19

Mud Properties

Mud Type: Chem **Weight:** 9.2 **Viscosity:** 62 **Filtrate:** 7.2 **Chlorides:** 2400 ppm



Company: Jaspar Company
Lease: Webster #1

SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 EGL
Field Name: Roelfs Ext (1/2 E)
Pool: WILDCAT

Operation:

Uploading recovery &
pressures

DATE
November
18
2019

DST #6 Formation: Arbuckle Test Interval: 3320 - Total Depth: 3346'
3346'

Time On: 20:32 11/18

Time Off: 02:38 11/19

Time On Bottom: 22:09 11/18

Time Off Bottom: 00:54 11/19

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

Time	Orifice	PSI	MCF/D
------	---------	-----	-------