



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				E. SMITH #1				LINUS ROGERS				ALBRIGHT #1				ALBRIGHT #1							
	SE NW NE 36-7-19				NW SW NW 36-7-18				SW NW SE 36-7-19				NE NE SE 36-7-18											
	KB	1842	GL	1836	KB	1935	KB	1832	KB	1816	KB	1916	KB	1842	GL	1836	KB	1935	KB	1832	KB	1816	KB	1916
LOG TOPS	DEPTH	DATUM	SAMPLE TOPS	DEPTH	DATUM	LOG	SMPL.	COMP. CARD	LOG	SMPL.	LOGS	DEPTH	DATUM	LOG	SMPL.	COMP. CARD	LOG	SMPL.	LOGS	DEPTH	DATUM	LOG	SMPL.	
ANHYDRITE TOP			1220	622	1319	616																		
BASE	1259	583	1261	581	1354	581	+ 2	+ 0	1263	608	+ 14	+ 12	1237	579	+ 4	+ 2					1315	601		+ 21
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

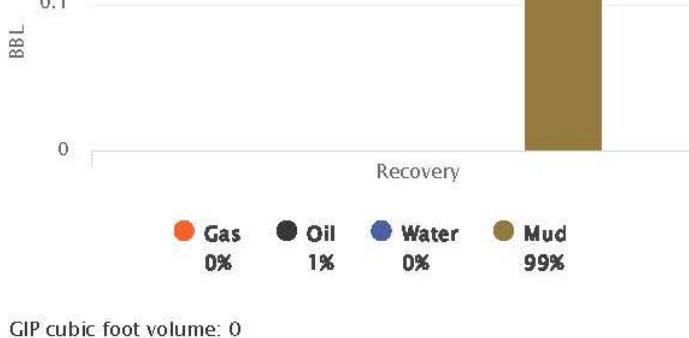
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
10	0.1423	OSM	0	1	0	99

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

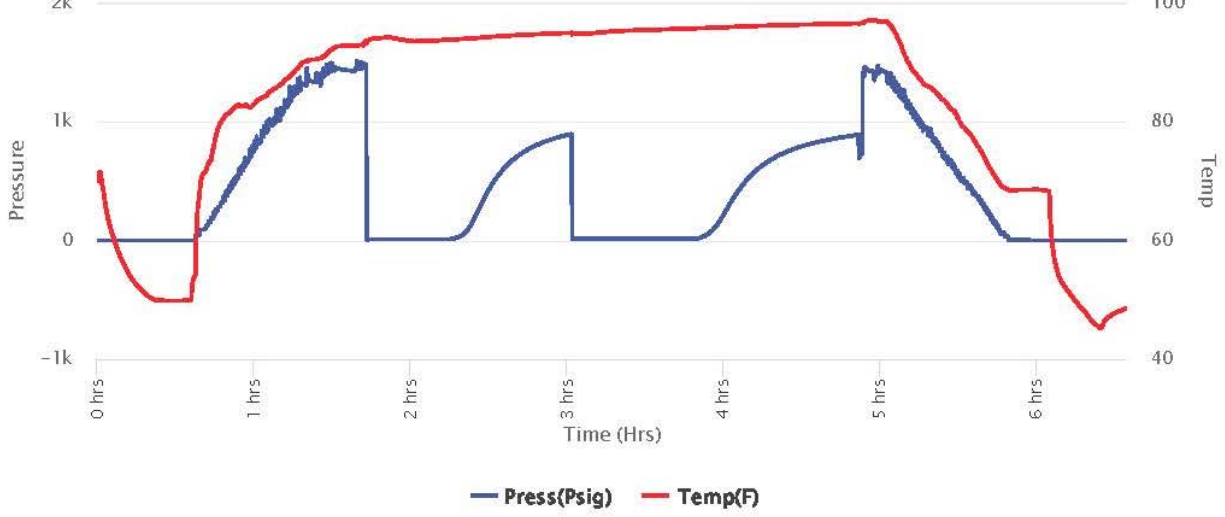
November
15
2019

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"
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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

Recovered

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

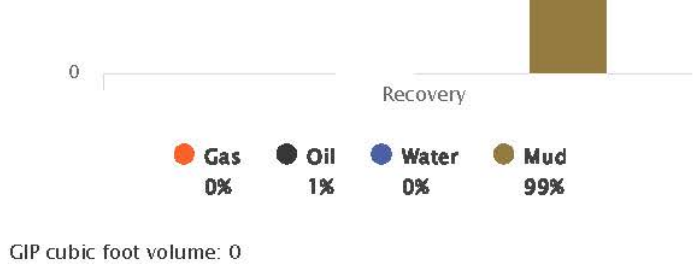
Total Recovered: 6 ft
 Total Barrels Recovered: 0.08538

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

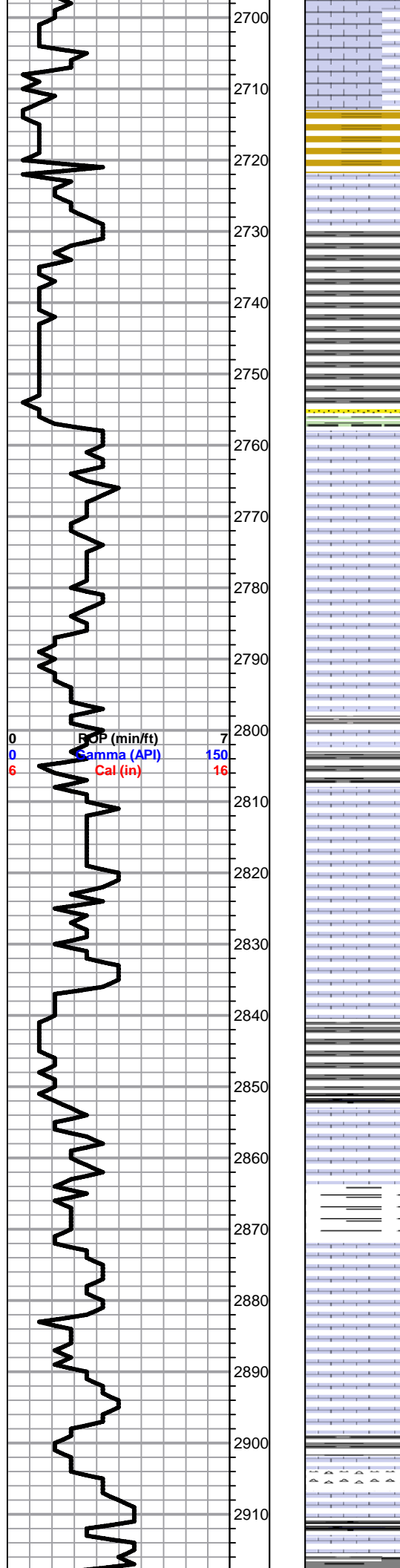
DST #2	Formation: Lans G	Test Interval: 3100 - 3120'	Total Depth: 3120'
	Time On: 21:46 11/16	Time Off: 16:23 11/16	
	Time On Bottom: 11:24 11/16	Time Off Bottom: 14:24 11/16	

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

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

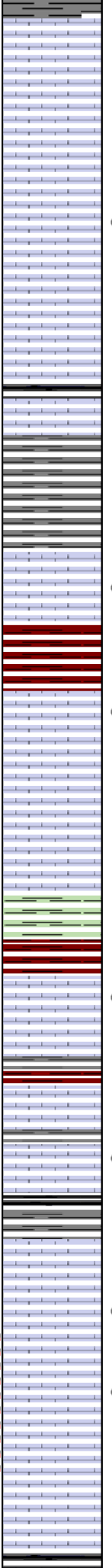
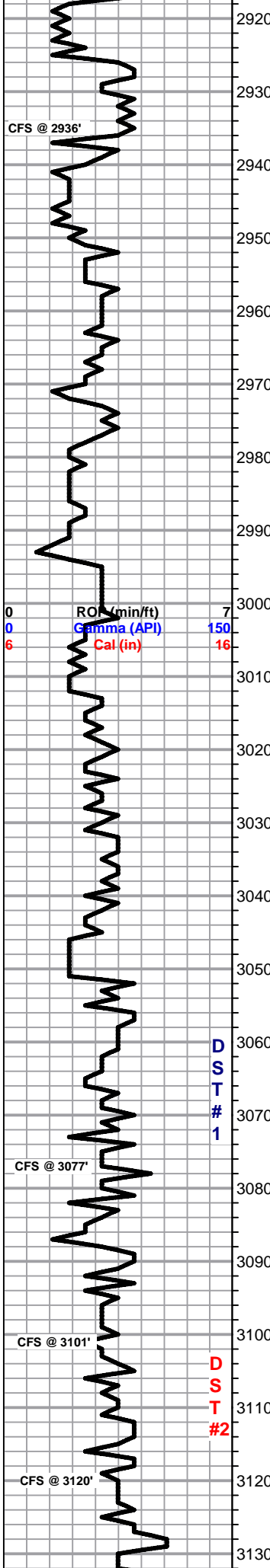
Lm- White Cream, VFXLN, porcelain like cherty Ls w/o vis. porosity, near pristine, clean & barren

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

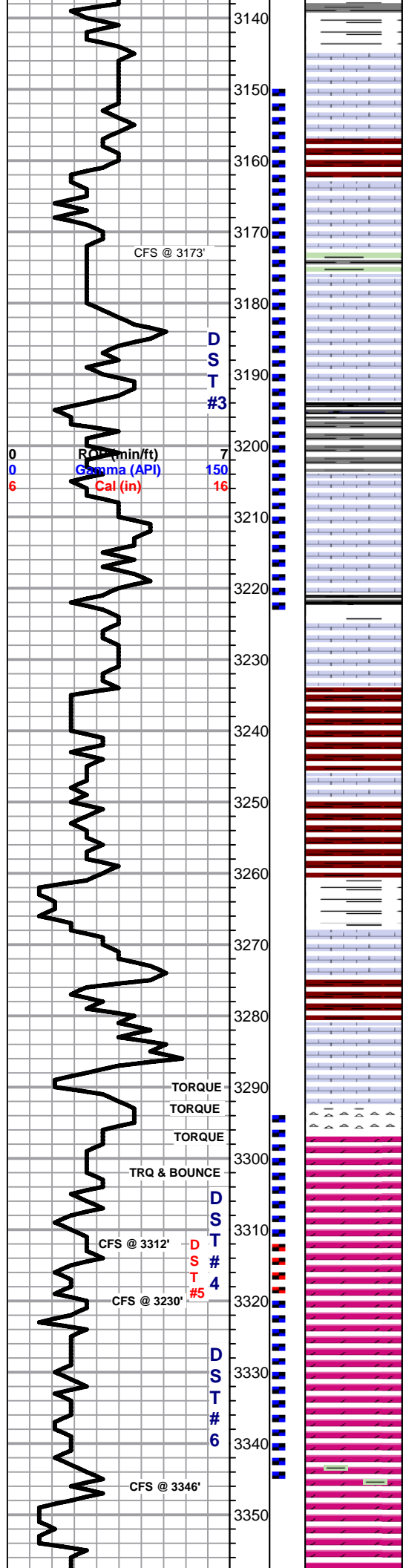
3097.jpg

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

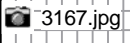
3346' (3333')- Dol- White Cream, Med-CrsXLN, massive, well dev. vis. rhombs, w/ mostly consistent ppt to sctrd vuggy porosity, SCTRD-SAT DRK STN, GD SFO, TR ODR, GD SHW FRO ON WET CUP

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

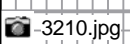
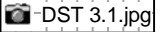
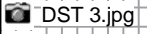
3362' 20"- Dol- Cream Off White, VF-FXLN, dense, mostly tight, consistent micro XLN-fn ppt porosity, barren, several MedXLN w/ XLN-fn ppt porosity, SCTD BLK STN, NSFO, NO DR



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

30' MUD

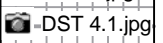
IFP: 10-16#
FFP: 17-26#
SIP: 870-845#



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

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

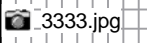
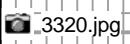
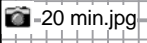
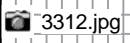
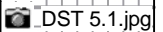
IFP: 9-14#
FFP: 16-20#
SIP: 643-406#



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

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

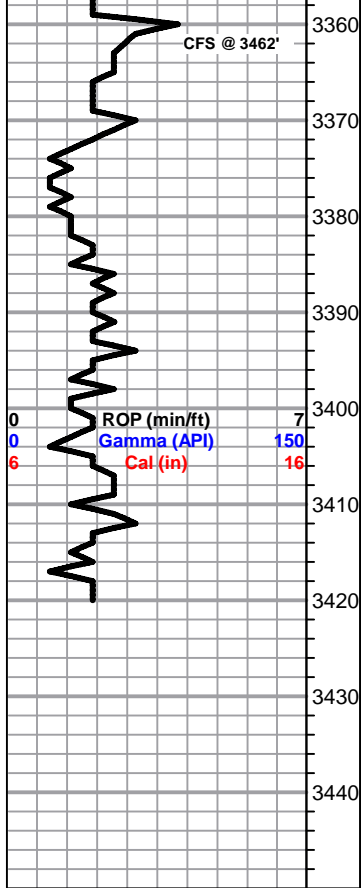
IFP: 8-10#
FFP: 11-12#
SIP: 94-51#



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#

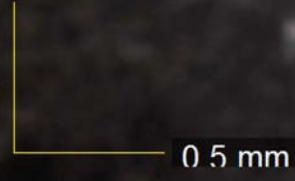
DST 6.1.jpg

DST 6.jpg

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



3015'



3055'



0.5 mm

3097'





DST 3.jpg



Company: Jaspar Company
Lease: Webster #1

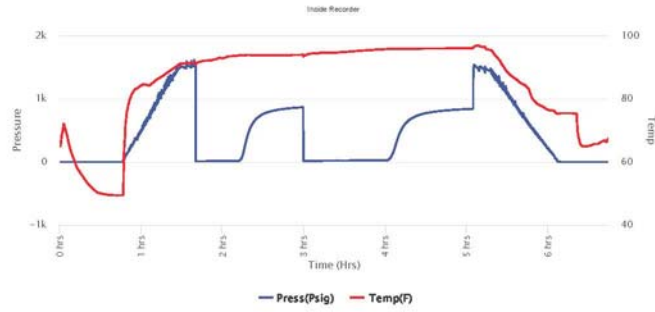
SEC: 36 TWN: 7S RNG: 18W
County: ROOKS
State: Kansas
Drilling Contractor: Flex Drilling - Rig 1
Elevation: 1839 ECL
Field Name: Unknown
Pool: WILDCAT
Job Number: 422
API #: 15-163-24406

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

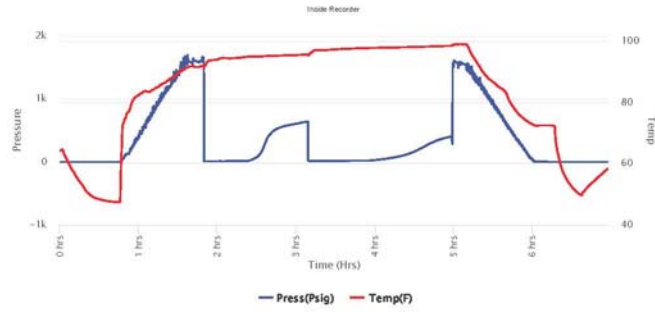
SEC: 36 TWN: 7S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: Flex Drilling - Rig 1
 Elevation: 1839 EGL
 Field Name: Unknown
 Pool: WILDCAT
 Job Number: 422
 API #: 15-163-24406

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: 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
5	0.07115
10	0.1423

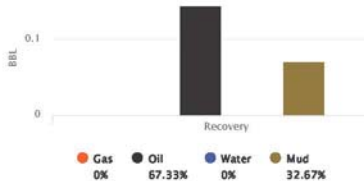
Description of Fluid	Gas %	Oil %	Water %	Mud %
SLOCM	0	2	0	98
O	0	100	0	0

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 #: 15-163-24408

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

Electronic Volume
Estimate:
15'

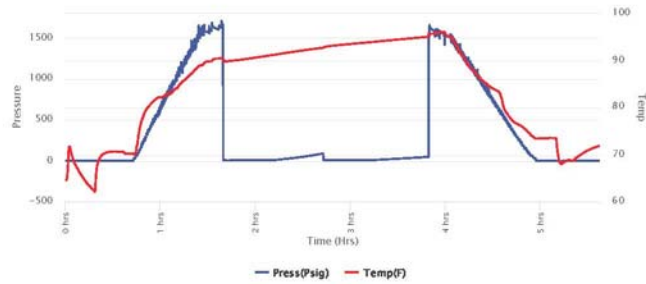
1st Open
Minutes: 30
Current Reading:
8" at 30 min
Max Reading: 9"

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

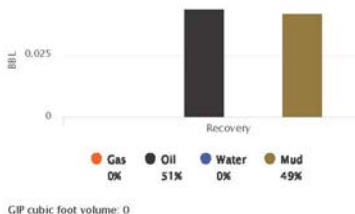
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBL @					
3	0.04269	SLOCM	0	2	0	98
3	0.04269	O	0	100	0	0

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'



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:
 Upgrading 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

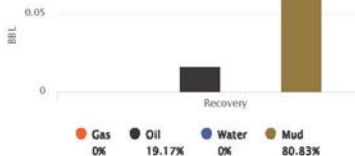
Description of Fluid	Gas %	Oil %	Water %	Mud %
O	0	100	0	0
SLOCM	0	3	0	97

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"

