

Company: L. D. Drilling, Inc.   Lease: McIntyre #1-20   SEC: 20 TWN: 18S RNG: 16W   County: RUSH   State: Kansas   Drilling recovery &   pressures					L. D. Drilling, Inc -	
DATE	DST #2 Form	ation: Reagan Sand	Test Interv 361		Total Depth: 3	3615'
February	Time On (	0.00 00/07	Time Offi	-		
07		22:29 02/07		06:12 02/08		
2019	Time On B	ottom: 00:34 02/0		Bottom: 03:3	34 02/08	
Recovered						
Foot BBLS	Description	of Fluid	Gas %	Oil %	Water %	Mud %
212 2.17512	G		100	0	0	0
102 1.04652	OSM		0	1	0	99
124 1.27224	SLOCM	CW	0	1	70	29
Total Recovered: 438 ft Reversed Out Recovery at a glance   Total Barrels Recovered: 4.49388 NO 2						
Initial Hydrostatic Pressur	e 1749	PSI	_1			
Initial Flow	w 62 to 82	PSI	1			
Initial Closed in Pressur	e 1138	PSI				
Final Flow Pressur	e 88 to 121	PSI				
Final Closed in Pressur	e 1137	PSI	0		Recove	rv
Final Hydrostatic Pressure	e 1749	PSI			Recove	. 1
Temperatur	e 117	°F	•	Gas 48.4%	Oil • Wa 0.52% 19	ter Mud .82% 31.26%
Pressure Change Initia Close / Final Clos		%	GIP cubic foot	volume: 12.	21221	



**Operation:** 

Uploading recovery &

pressures

# Company: L. D. Drilling, Inc Lease: McIntyre #1-20

SEC: 20 TWN: 18S RNG: 16W County: RUSH State: Kansas Drilling Contractor: L. D. Drilling, Inc -Rig 1 Elevation: 2002 EGL Field Name: Otis-Albert Pool: Infield Job Number: 298

DATE	
February	
07	

**DST #2** Formation: Reagan Sand

Test Interval: 3605 -3615'

Total Depth: 3615'

Time On: 22:29 02/07

Time Off: 06:12 02/08 Time On Bottom: 00:34 02/08 Time Off Bottom: 03:34 02/08

### **BUCKET MEASUREMENT:**

2019

Diesel in Bucket 1st Open: 1'4" Blow. Built to 8 inches in 30 mins 1st Close: 1/2" Blow Back 2nd Open: 1" Blow Built to 8 inches in 45 mins 2nd Close: 1/4" Blow Back

#### **REMARKS:**

Hit Bridge on First Attempt to Set Packers. Most of the Mud was From The First Attempt and Second Attempt Went Fine but slid through the first opening.

Tool Sample: Blown Out

Ph: 7

Measured RW: .4 @ 3 degrees °F

RW at Formation Temp: 0.032 @ 117 °F

Chlorides: 30,000 ppm



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### **Down Hole Makeup**

Heads Up:	18.63 FT	Packer 1:	3600 FT
Drill Pipe:	3591.06 FT	Packer 2:	3605 FT
ID-3 1/4		Top Recorder:	3589.42 FT
Weight Pipe: ID-2 7/8	FT	Bottom Recorder:	3607 FT
Collars:	0 FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
Test Tool: ID-3 1/2-FH	33.57 FT	Bottom Choke:	5/8"
Jars Safety Joint			
Total Anchor:	10		
Anchor	Makeup		
Packer Sub:	1 FT		
Perforations: (top): 4 1/2-FH	0 FT		
Change Over:	0 FT		
Drill Pipe: (in anchor): ID-3 1/4	0 FT		
Change Over:	0 FT		
Perforations: (below): 4 1/2-FH	9 FT		

Contractions Contractions Uploading recovery & pressures		y: L. D. Drillin IcIntyre #1-20	<b>g, Inc</b> Co Sta Dri Rig Ele Fie Poo	C: 20 TWN: 18S RNG: 16W unty: RUSH te: Kansas ling Contractor: L. D. Drilling, Inc - 1 vation: 2002 EGL ld Name: Otis-Albert bl: Infield o Number: 298	
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Mud Properties					
Mud Type: Chem	Weight: 9.5	Viscosity: 48	Filtrate: 8.8	Chlorides: 7600 ppm	

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2019	Tin	ne On Bottom: 00:34 02/0	8 Time Off Bottom: 03:	34 02/08	
Gas Volume Report					

