



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

SEC: 20 TWN: 8S RNG: 34W
 County: THOMAS
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 3261 EGL
 Field Name: Morgan Ext
 Pool: Infield
 Job Number: 200

Operation:
 Uploading recovery & pressures

DATE
 August
09
 2018

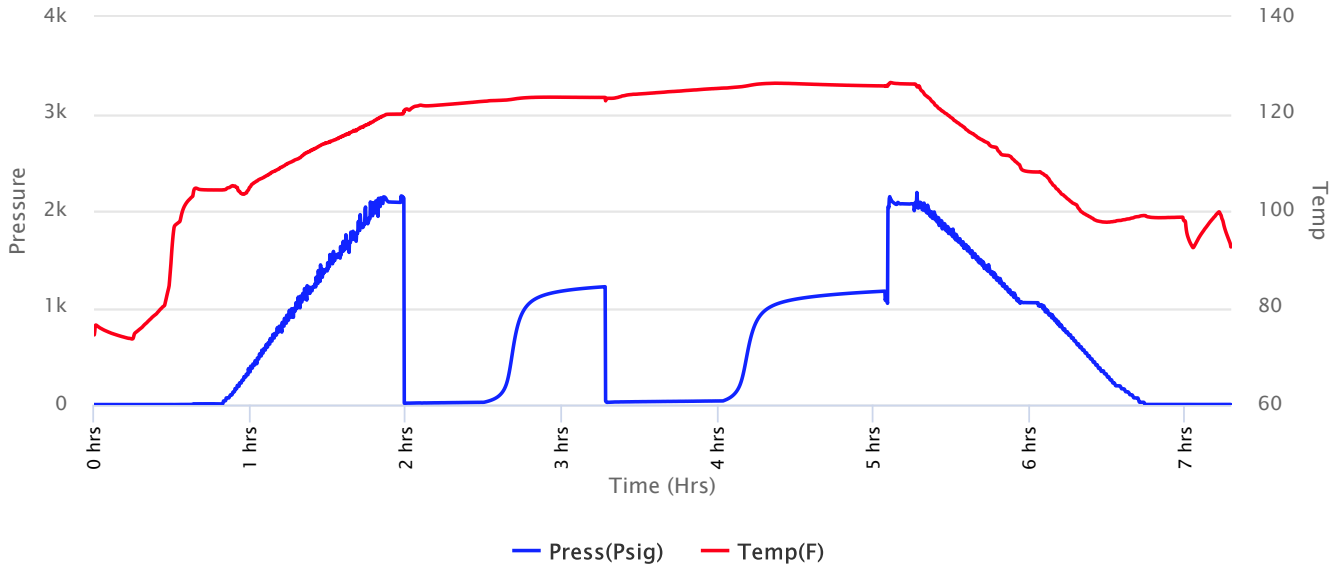
DST #3 Formation: L/KC 'I-J' Test Interval: 4277 - 4327' Total Depth: 4327'

Time On: 11:00 08/09 Time Off: 18:09 08/09
 Time On Bottom: 12:58 08/09 Time Off Bottom: 15:58 08/09

Electronic Volume Estimate:
 222'

<u>1st Open</u>	1st Close	<u>2nd Open</u>	2nd Close
Minutes: 30	Minutes: 45	Minutes: 45	Minutes: 60
Current Reading: 7" at 30 min	Current Reading: 0" at 45 min	Current Reading: 12" at 45 min	Current Reading: 0" at 60 min
Max Reading: 7"	Max Reading: 0"	Max Reading: 12"	Max Reading: 0"

Inside Recorder





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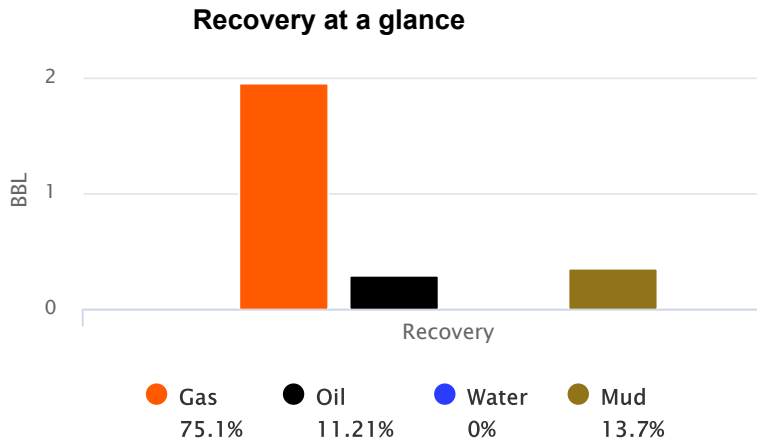
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Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
190	1.9494	G	100	0	0	0
63	0.64638	HOCM	0	45	0	55

Total Recovered: 253 ft
 Total Barrels Recovered: 2.59578

Reversed Out
 NO

Initial Hydrostatic Pressure	2089	PSI
Initial Flow	15 to 25	PSI
Initial Closed in Pressure	1217	PSI
Final Flow Pressure	24 to 39	PSI
Final Closed in Pressure	1171	PSI
Final Hydrostatic Pressure	2071	PSI
Temperature	127	°F
Pressure Change Initial Close / Final Close	3.8	%





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BUCKET MEASUREMENT:

1st Open: 1/4"BLOW-INCREASING TO 7" IN 30 MINUTES

1st Close: NO BLOW BACK

2nd Open: 1/2"BLOW-INCREASING TO BOTTOM OF BUCKET IN 45 MINUTES

2nd Close: NO BLOW BACK

REMARKS:

Tool Sample: 0% Gas 50% Oil 5% Water 45% Mud



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Down Hole Makeup

Heads Up: 30.91 FT	Packer 1: 4272 FT
Drill Pipe: 4275.34 FT <i>ID-3 1/4</i>	Packer 2: 4277 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 4261.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 4315 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 50	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: 1 FT	
Drill Pipe: (in anchor): 31.5 FT <i>ID-3 1/4</i>	
Change Over: .5 FT	
Perforations: (below): 13 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: CHEMICAL Weight: 9.2 Viscosity: 56 Filtrate: 8.8 Chlorides: 3500 ppm



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Gas Volume Report

1st Open

2nd Open

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