



Company: Double D's LLC
Lease: Joe Waldschmidt #1

SEC: 35 TWN: 13S RNG: 20W
 County: ELLIS
 State: Kansas
 Drilling Contractor: Discovery Drilling Company, Inc. - Rig 4
 Elevation: 2175 EGL
 Field Name: Pleasant
 Pool: Infield
 Job Number: 368
 API #: 15-051-26961-00-00

Operation:
 Uploading recovery & pressures

DATE
 September
04
 2019

DST #2 **Formation: LKC "I-K"** **Test Interval: 3619 - 3695'** **Total Depth: 3695'**
 Time On: 06:18 09/04 Time Off: 12:45 09/04
 Time On Bottom: 08:02 09/04 Time Off Bottom: 11:02 09/04

Electronic Volume Estimate:
 174'

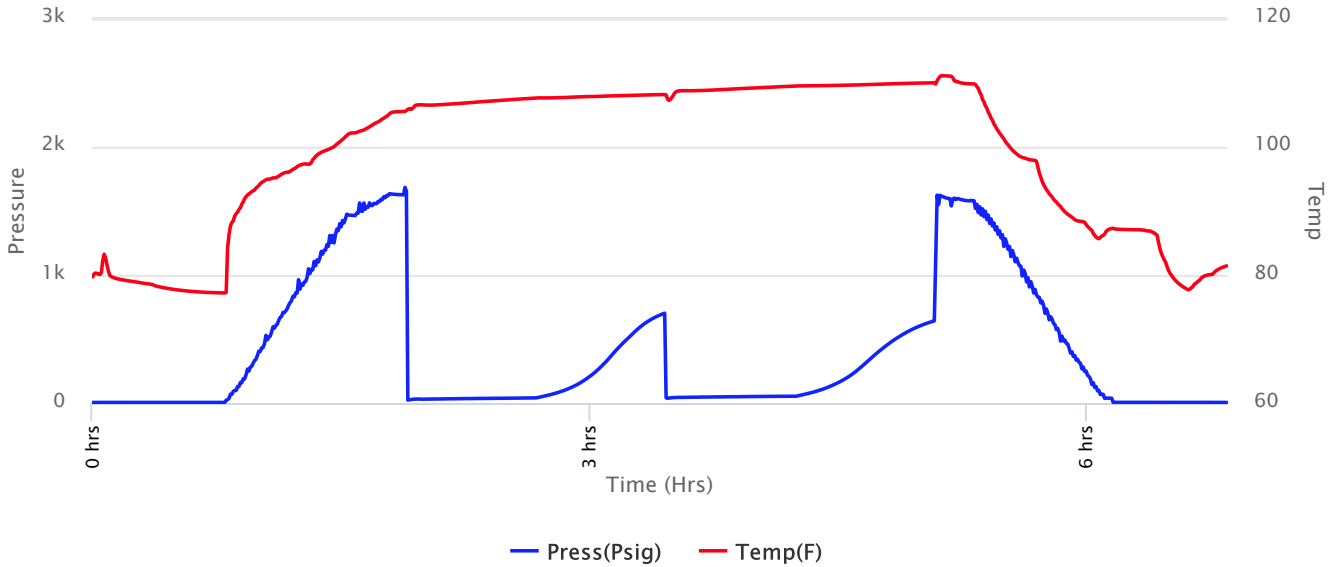
1st Open
 Minutes: 45
 Current Reading: 3.6" at 45 min
 Max Reading: 3.6"

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

2nd Open
 Minutes: 45
 Current Reading: 6.8" at 45 min
 Max Reading: 12.5"

2nd Close
 Minutes: 45
 Current Reading: 0" at 45 min
 Max Reading: 0"

Inside Recorder





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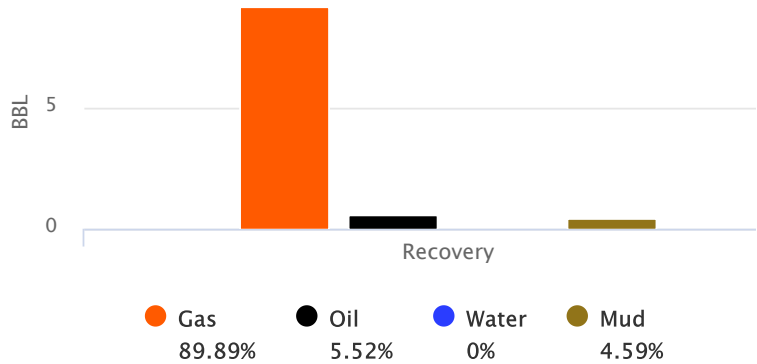
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
630	8.9649	G	100	0	0	0
40	0.5692	SLGCHOCM	10	40	0	50
63	0.6029457	SLGCHMCO	15	55	0	30

Total Recovered: 733 ft
 Total Barrels Recovered: 10.1370457

Reversed Out
 NO

Initial Hydrostatic Pressure	1628	PSI
Initial Flow	26 to 41	PSI
Initial Closed in Pressure	703	PSI
Final Flow Pressure	38 to 54	PSI
Final Closed in Pressure	632	PSI
Final Hydrostatic Pressure	1612	PSI
Temperature	110	°F
Pressure Change Initial Close / Final Close	10.0	%

Recovery at a glance



GIP cubic foot volume: 51.16079



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BUCKET MEASUREMENT:

1st Open: 1/4" Blow built to 3 1/2" over 45 min.
1st Close: No Return
2nd Open: BoB at tool open. Then died back to 6 3/4" over 45 min
2nd Close: No Return

REMARKS:

Tool Sample: 23% Gas 74% Oil 0% Water 3% Mud



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Down Hole Makeup

Heads Up: 23.68 FT	Packer 1: 3614.02 FT
Drill Pipe: 3586.01 FT <i>ID-3 1/2</i>	Packer 2: 3619.02 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3606.02 FT
Collars: 31.53 FT <i>ID-2 1/4</i>	Bottom Recorder: 3622 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 75.98	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 7 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 63.48 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 3 FT <i>4 1/2-FH</i>	



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3695'** **Total Depth: 3695'**
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Mud Properties

Mud Type: Chem **Weight:** 9.2 **Viscosity:** 58 **Filtrate:** 7.4 **Chlorides:** 3100 ppm



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Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D