



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
05
 2019

DST #3 Formation: Arbuckle Test Interval: 3779 - 3814' Total Depth: 3814'

Time On: 00:24 09/05 Time Off: 07:29 09/05
 Time On Bottom: 02:20 09/05 Time Off Bottom: 05:20 09/05

Electronic Volume Estimate:
 90'

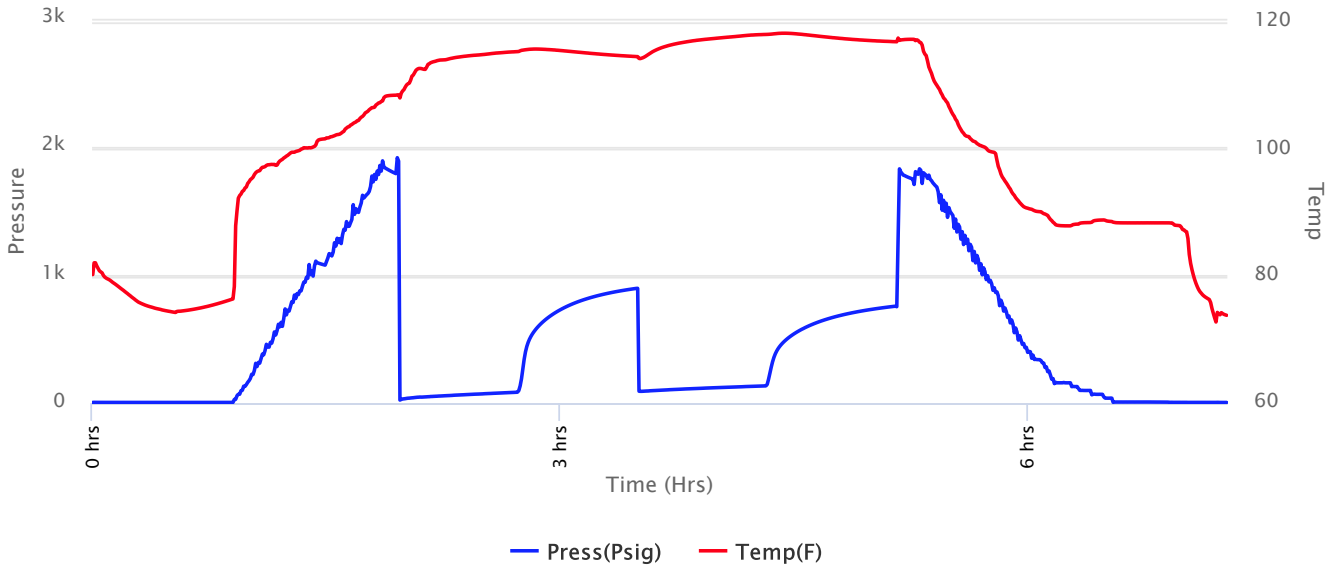
1st Open
 Minutes: 45
 Current Reading:
 2.5" at 45 min
 Max Reading: 4.5"

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

2nd Open
 Minutes: 45
 Current Reading:
 .6" at 45 min
 Max Reading: 2.5"

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

Inside Recorder





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Recovered

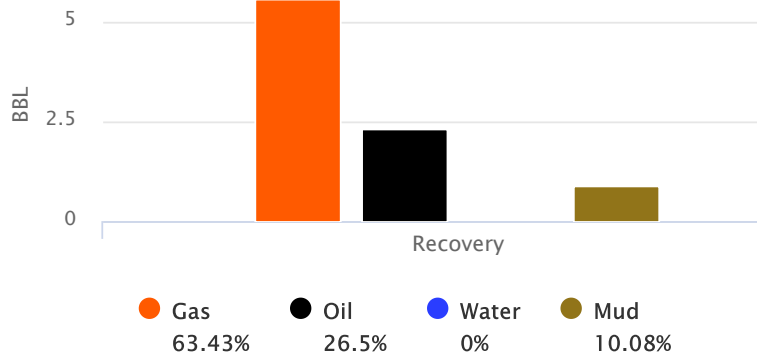
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
315	4.48245	G	100	0	0	0
229	3.25867	HGCO	30	70	0	0
30	0.4269	SLOCSLGCM	10	3	0	87
63	0.6029457	SLOCSLGCM	10	5	0	85

Total Recovered: 637 ft
 Total Barrels Recovered: 8.7709657

Reversed Out
 NO

Initial Hydrostatic Pressure	1812	PSI
Initial Flow	24 to 85	PSI
Initial Closed in Pressure	896	PSI
Final Flow Pressure	93 to 133	PSI
Final Closed in Pressure	757	PSI
Final Hydrostatic Pressure	1805	PSI
Temperature	119	°F
Pressure Change Initial Close / Final Close	15.6	%

Recovery at a glance



GIP cubic foot volume: 31.23366



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BUCKET MEASUREMENT:

1st Open: 1/4" Blow built to 4 1/2", then died back to 2 1/2" over 45 min.

1st Close: No Return

2nd Open: 1/4" blow built to 2 1/2" , then died back to 1/2" over 45 min

2nd Close: No Return

REMARKS:

Tool Sample: 25% Gas 23% Oil 0% Water 52% Mud

Gravity: 38.2 @ 60 °F



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Down Hole Makeup

Heads Up: 22.28 FT	Packer 1: 3774 FT
Drill Pipe: 3744.59 FT <i>ID-3 1/2</i>	Packer 2: 3779 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3766 FT
Collars: 31.53 FT <i>ID-2 1/4</i>	Bottom Recorder: 3781 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 35	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 0 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/2</i>	
Change Over: 0 FT	
Perforations: (below): 34 FT <i>4 1/2-FH</i>	



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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