



Company: Prolific Resources LLC

Lease: Fisher #1

SEC: 12 TWN: 22S RNG: 18W
County: PAWNEE
State: Kansas
Drilling Contractor: Royal Drilling, Inc - Rig 2
Elevation: 2038 Sur
Field Name: Eddy
Pool: Pool Ext
Job Number: 258

Operation:
Uploading recovery & pressures

DATE
October
17
2018

DST #1 **Formation:** Conglomerate/Cherokee sandy chert **Test Interval:** 4045 - 4092' **Total Depth:** 4092'
Time On: 04:26 10/17 Time Off: 13:37 10/17
Time On Bottom: 07:06 10/17 Time Off Bottom: 10:21 10/17

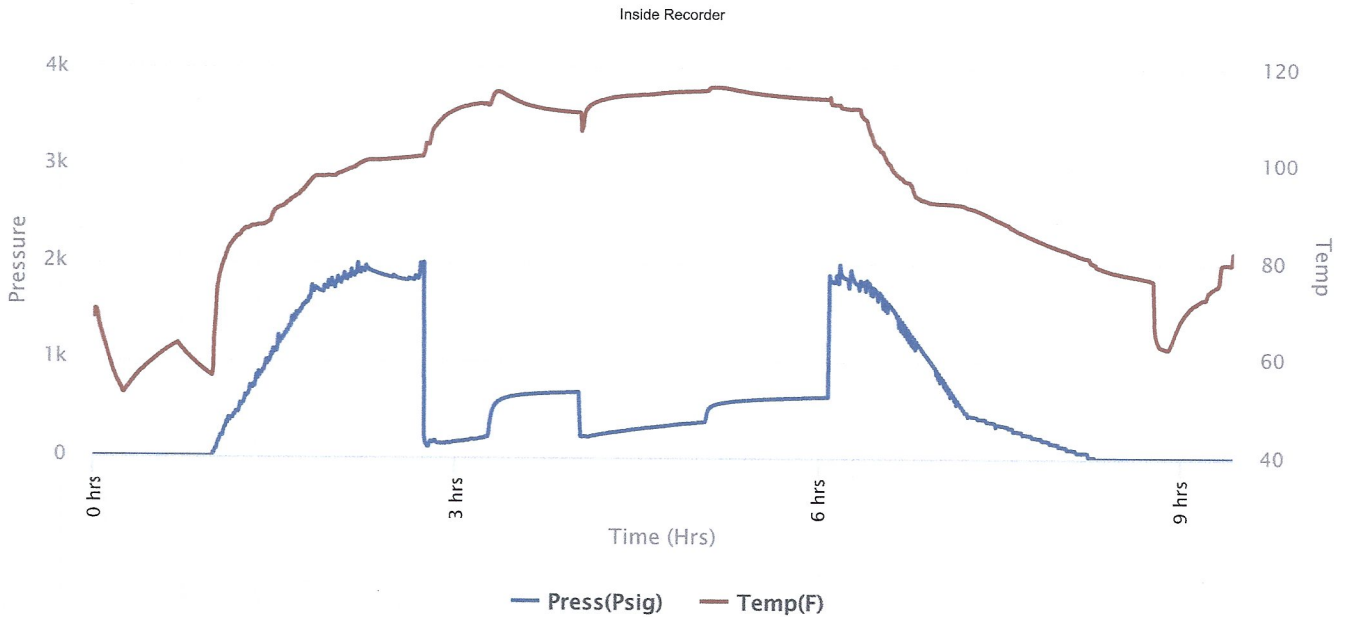
Electronic Volume Estimate:
N/A

1st Open
Minutes: 30
Current Reading:
Gauging Gas" at 30 min
Max Reading: Measuring gas"

1st Close
Minutes: 45
Current Reading:
7.4" at 45 min
Max Reading: 7.4"

2nd Open
Minutes: 60
Current Reading:
Gauging Gas" at 60 min
Max Reading: Gauging Gas"

2nd Close
Minutes: 60
Current Reading:
280.5" at 60 min
Max Reading: 280.5"





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Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
3185	41.0865	G	100	0	0	0
140	1.806	SLWCOCHGCM	31	22	14	33
190	2.451	SLMCSLWCGCO	20	75	4	1
385	4.9665	SLMCWCHGCO	32	44	21	3
190	2.451	SLMCSLOCW	0	2	96	2

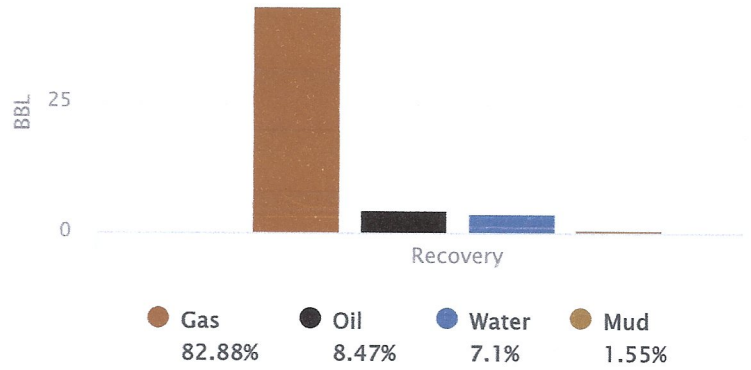
715'

Total Recovered: 4090 ft
 Total Barrels Recovered: 52.761

Reversed Out
 NO

Initial Hydrostatic Pressure	1837	PSI
Initial Flow	105 to 205	PSI
Initial Closed in Pressure	667	PSI
Final Flow Pressure	213 to 363	PSI
Final Closed in Pressure	621	PSI
Final Hydrostatic Pressure	1821	PSI
Temperature	117	°F
Pressure Change Initial Close / Final Close	6.9	%

Recovery at a glance





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BUCKET MEASUREMENT:

1st Open: BOB 20 seconds
1st Close: 7 inch BB
2nd Open: BOB Instantaneously
2nd Close: BOB BB 1 1/2 min after bled off (20 min)

REMARKS:

Gas blew tool sample out.

Ph: 6.0

Measured RW: .15 @ 76 degrees °F

RW at Formation Temp: 0.1 @ 117 °F

Chlorides: 52,000 ppm



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DST #1 Formation: Test Interval: 4045 - Total Depth: 4092'
Conglomerate/Cherokee 4092'
sandy chert
Time On: 04:26 10/17 Time Off: 13:37 10/17
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Down Hole Makeup

Heads Up: 25.99 FT	Packer 1: 4039.29 FT
Drill Pipe: 4037.71 FT <i>ID-3 1/2</i>	Packer 2: 4044.79 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4028.71 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 4085 FT
Test Tool: 34.07 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 47.21	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 4 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 32.21 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 8 FT <i>4 1/2-FH</i>	



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DST #1 **Formation:** **Test Interval: 4045 -** **Total Depth: 4092'**
Conglomerate/Cherokee **4092'**
sandy chert
Time On: 04:26 10/17 Time Off: 13:37 10/17
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Mud Properties

Mud Type: Chemical **Weight:** 8.5 **Viscosity:** 54 **Filtrate:** 9.4 **Chlorides:** 9,300 ppm



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Gas Volume Report

Remarks: Gas to surface 4 min into initial flow period Took Gas Sample 15 min into final flow period

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
5	1.50	3.0	654
10	1.50	3.5	709
15	1.50	3.5	709
20	1.50	3.5	709
25	1.50	3.5	709
30	1.50	3.5	709

Time	Orifice	PSI	MCF/D
5	0.50	8.0	101
10	0.50	6.0	86.3
15	0.50	5.0	78.1
20	0.50	5.0	78.1
25	0.50	5.0	78.1
30	0.50	4.0	68.8
35	0.50	4.0	68.8
40	0.50	4.0	68.8
45	0.50	4.0	68.8
50	0.50	4.0	68.8
55	0.50	4.0	68.8
60	0.50	4.0	68.8

