

State: Kansas Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 2900 EGL

County: LOGAN

Field Name: Rose Garden NW

SEC: 35 TWN: 13S RNG: 32W

Pool: Infield Job Number: 204

Operation: Uploading recovery & pressures

> **DATE** September

> > 17

2018

DST #2

Formation: Lansing J and K 180-200' zone

Test Interval: 4137 -

Total Depth: 4200'

4200'

Time On: 18:07 09/17

Time Off: 01:19 09/18

Time On Bottom: 20:36 09/17 Time Off Bottom: 23:36 09/17

Electronic Volume Estimate:

134'

1st Open Minutes: 30 **Current Reading:**

6" at 30 min

Max Reading: 6"

1st Close Minutes: 45 **Current Reading:**

0" at 45 min

Max Reading: 0"

2nd Open Minutes: 45 **Current Reading:**

6" at 45 min

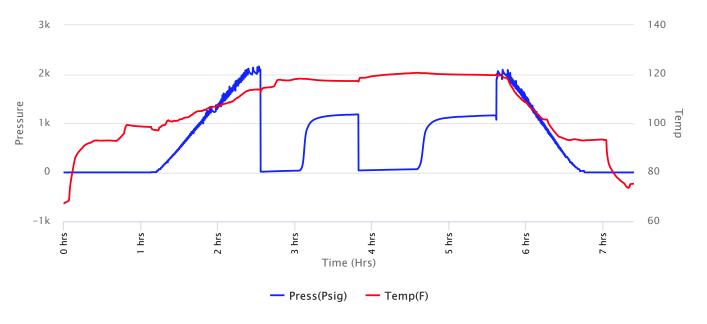
Max Reading: 6"

2nd Close Minutes: 60 **Current Reading:**

0" at 60 min

Max Reading: 0"







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Recovered

Foot	BBLS	Description of Fluid	Gas %	<u>Oil %</u>	Water %	<u>Mud %</u>
68	0.69768	G	100	0	0	0
20	0.2052	0	0	100	0	0
48	0.49248	HMCW	0	0	60	40
63	0.64638	HMCW	0	0	70	30

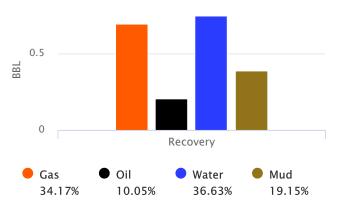
Total Recovered: 199 ft

Total Barrels Recovered: 2.04174

Reversed Out
NO

Initial Hydrostatic Pressure	2029	PSI
Initial Flow	14 to 35	PSI
Initial Closed in Pressure	1181	PSI
Final Flow Pressure	39 to 64	PSI
Final Closed in Pressure	1159	PSI
Final Hydrostatic Pressure	2015	PSI
Temperature	121	°F
Pressure Change Initial	1.8	%
Close / Final Close		

Recovery at a glance





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BUCKET MEASUREMENT:

1st Open: Wsb built to 6"

1st Close: Nobb

2nd Open: Wsb built to 6"

2nd Close: Nobb

REMARKS:

Tool Sample: 0% Gas 1% Oil 89% Water 10% Mud

Gravity: 35 @ 60 °F

Ph: 7

Measured RW: .2 @ 74 degrees °F

RW at Formation Temp: 0.126 @ 121 °F

Chlorides: 36000 ppm



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Down Hole Makeup

Heads Up: 16.56 FT Packer 1: 4132 FT

Drill Pipe: 4120.99 FT Packer 2: 4137 FT

ID-3 1/4 Top Recorder: 4121.42 FT

Weight Pipe: FT

Bottom Recorder: 4174 FT ID-2 7/8

Well Bore Size: 7 7/8 Collars: FT

ID-2 1/4 **Surface Choke:** 1"

Test Tool: 33.57 FT **Bottom Choke:** 5/8"

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 63

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 2 FT

4 1/2-FH

Change Over: 1 FT

Drill Pipe: (in anchor): 31.5 FT

ID-3 1/4

Change Over: .5 FT

Perforations: (below): 27 FT

4 1/2-FH



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Mud Properties

Mud Type: Chemical Weight: 9.2 Viscosity: 67 Filtrate: 8.8 Chlorides: 4500 ppm