

County: GRAHAM

SEC: 27 TWN: 6S RNG: 25W

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 2559 EGL Field Name: Wildcat

Pool: Infield Job Number: 129

Operation: Uploading recovery & pressures

> **DATE** March

> > 04

2019

DST #1

Formation: LKC A and B zone

Test Interval: 3687 -

Total Depth: 3735'

3735'

Time On: 08:25 03/04

Time Off: 16:14 03/04

Time On Bottom: 11:07 03/04 Time Off Bottom: 14:07 03/04

Electronic Volume Estimate: 589'

1st Open Minutes: 30 **Current Reading:** 27.4" at 30 min

Max Reading: 27.4"

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

0" at 45 min Max Reading: .1"

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

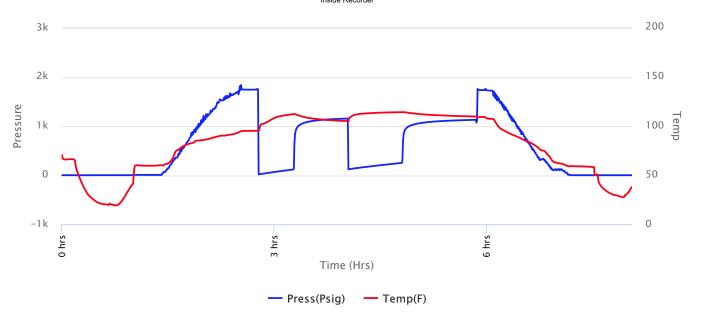
34.2" at 45 min Max Reading: 34.2"

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

.1" at 60 min

Max Reading: .1"







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Recovered

| <u>Foot</u> | <u>BBLS</u> | Description of Fluid |
|-------------|-------------|----------------------|
| 83 | 0.85158 | HMCW |
| 378 | 3.87828 | SLMCW |
| 63 | 0.64638 | HMCW |

| <u>Gas %</u> | <u>Oil %</u> | Water % | <u>Mud %</u> |
|--------------|--------------|---------|--------------|
| 0 | 0 | 70 | 30 |
| 0 | 0 | 97 | 3 |
| 0 | 0 | 70 | 30 |

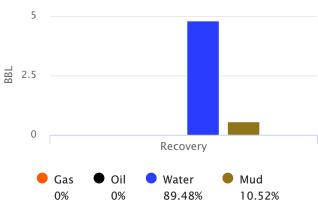
Total Recovered: 524 ft

Total Barrels Recovered: 5.37624

| Reversed O | ut |
|------------|----|
| NO | |

| Initial Hydrostatic Pressure | 1741 | PSI |
|------------------------------|------------|-----|
| Initial Flow | 16 to 115 | PSI |
| Initial Closed in Pressure | 1152 | PSI |
| Final Flow Pressure | 119 to 249 | PSI |
| Final Closed in Pressure | 1127 | PSI |
| Final Hydrostatic Pressure | 1735 | PSI |
| Temperature | 115 | °F |
| | | |
| Pressure Change Initial | 2.2 | % |
| Close / Final Close | | |

Recovery at a glance



GIP cubic foot volume: 0



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BUCKET MEASUREMENT:

1st Open: 1/2" Bob in 11 min

1st Close: Built to wsb

2nd Open: 1/2" Bob in 13 min 2nd Close: Built to wsb

REMARKS:

oil spec in tool sample

Tool Sample: 0% Gas 0% Oil 80% Water 20% Mud

Ph: 7

Measured RW: .4 @ 18 degrees °F

RW at Formation Temp: 0.081 @ 115 °F

Chlorides: 59200 ppm



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Down Hole Makeup

Heads Up: 30.14 FT Packer 1: 3682 FT

Drill Pipe: 3684.57 FT Packer 2: 3687 FT

5/8"

ID-3 1/4

Top Recorder: 3671.42 FT

Weight Pipe: FT

3724 FT

ID-2 7/8

Bottom Recorder:

Collars: FT Well Bore Size: 7 7/8

ID-2 1/4

Surface Choke: 1"

Test Tool: 33.57 FT

Bottom Choke:

ID-3 1/2-FH

Jars Safety Joint

Total Anchor: 48

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): 12 FT

4 1/2-FH



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Mud Properties

Mud Type: Chemical Weight: 9.4 Viscosity: 28 Filtrate: N/c Chlorides: 29000 ppm