

Corporation

Lease: Younkin E #1-35

SEC: 35 TWN: 14S RNG: 34W

County: LOGAN State: Kansas

Drilling Contractor: Duke Drilling

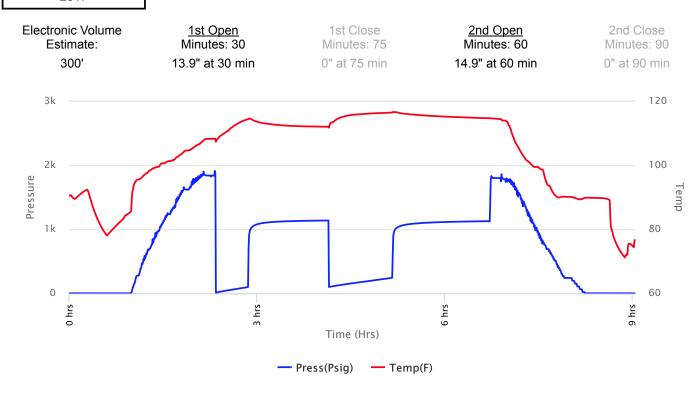
Company, Inc - Rig 2 Elevation: 2953 EGL Field Name: Lone Butte SE

Pool: Pool Ext Job Number: 45

DATE August 26 2017 DST #1 Formation: Lansing Test Interval: 3878 - Total Depth: 3904'

Time On: 17:26 08/26 Time Off: 02:13 08/27

Time On Bottom: 19:41 08/26 Time Off Bottom: 23:56 08/27





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August	
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Recovered

<u>Foot</u>	<u>BBLS</u>	Description of Fluid	Gas %	<u>Oil %</u>	Water %	Mud %
270	3.483	HMCW (trace O)	0	.2	66.8	33
250	3.225	SLMCW (trace O)	0	.5	93	6.5

Total Recovered: 520 ft

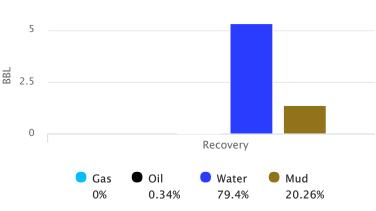
Total Barrels Recovered: 6.708	Reversed Out
	NO

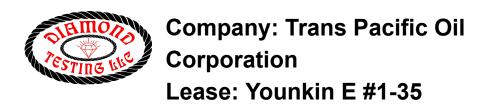
	NO	
Initial Hydrostatic Pressure	1820	PSI
Initial Flow	12 to 98	PSI
Initial Closed in Pressure	1138	PSI
Final Flow Pressure	100 to 243	PSI
Final Closed in Pressure	1127	PSI
Final Hydrostatic Pressure	1817	PSI
Temperature	117	°F

1.0

Pressure Change Initial Close / Final Close

Recovery at a glance





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DST #1 Formation: Lansing "C"

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3904'

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REMARKS:

TOOL SAMPLE: TRACE OIL, 99% WATER, 1% MUD

Ph: 7.5

RW: .32 @ 72 degrees F

Chlorides: 20,000 ppm ppm



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3904'

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Down Hole Makeup

Heads Up: 30.83 FT

Packer 1: 3873 FT

Drill Pipe: 3883.67 FT

Packer 2: 3878 FT

ID-3.640

Top Recorder: 3865 FT

Weight Pipe: 0 FT

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ID-2 7/8

Bottom Recorder:
Well Bore Size:

3880 FT 7.875

Collars: 0 FT

ID-2 1/4

Surface Choke: 1"

Test Tool: 26.16 FT

Bottom Choke: 5/8"

ID-3 1/2-FH

Total Anchor: 26

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 0 FT

4 1/2-FH

Change Over: 0 FT

Drill Pipe: (in anchor): 0 FT

ID-3.640

Change Over: 0 FT

Perforations: (below): 25 FT

4 1/2-FH



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Mud Properties

Mud Type: Chemical Weight: 8.9 Viscosity: 53 Filtrate: 7.2 Chlorides: 3,500 ppm