



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Woolsey Operating Co.

**23/25S/21W Ford, KS**

125 N Market STE 1000  
Wichita, KS 67202

**Hubbell #2**

Job Ticket: 59475

**DST#: 2**

ATTN: Bill Klaver

Test Start: 2017.10.25 @ 05:55:00

## GENERAL INFORMATION:

Formation: **Lansing (Plattsburg)**

Deviated: No Whipstock: 2322.00 ft (KB)

Time Tool Opened: 08:35:35

Time Test Ended: 15:42:19

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 75

**Interval: 4146.00 ft (KB) To 4184.00 ft (KB) (TVD)**

Reference Elevations: 2322.00 ft (KB)

Total Depth: 4184.00 ft (KB) (TVD)

2310.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

**Serial #: 8289**

**Inside**

Press@RunDepth: 373.59 psig @ 4181.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.10.25

End Date:

2017.10.25

Last Calib.: 1899.12.30

Start Time: 05:55:02

End Time:

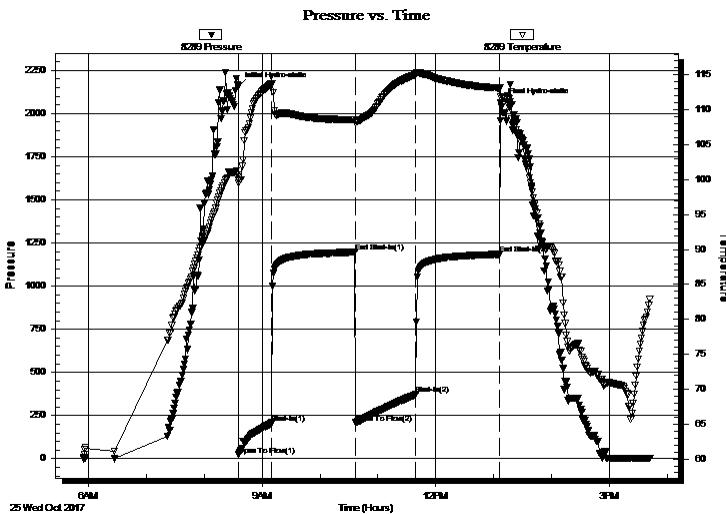
15:42:19

Time On Btm: 2017.10.25 @ 08:35:15

Time Off Btm: 2017.10.25 @ 13:07:20

**TEST COMMENT:** IF: BOB 10 min., strong steady blow  
IS: No blow back  
FF: BOB 20 min., strong steady blow  
FS: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2158.14	100.64	Initial Hydro-static
1	22.82	99.49	Open To Flow (1)
34	203.53	113.68	Shut-In(1)
122	1196.55	108.56	End Shut-In(1)
122	207.62	108.14	Open To Flow (2)
185	373.59	115.07	Shut-In(2)
271	1184.06	113.11	End Shut-In(2)
273	2059.85	111.85	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	oil 100%O	0.02
744.00	muddy w ater 5%M, 95%W	8.27

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)





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## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

28000 ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5700.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	oil 100%O	0.025
744.00	muddy water 5%M, 95%W	8.268

Total Length: 749.00 ft      Total Volume: 8.293 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.210@82F=28000ppm

