



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Fossil Resources, LLC

**33 12s 36w Logan, Ks**

11 W 36th St.  
Hays, Ks 67601

**Nelson #2**

Job Ticket: 65532

**DST#: 5**

ATTN: Lyle Herrman

Test Start: 2016.06.23 @ 00:17:00

## GENERAL INFORMATION:

Formation: **Pleasanton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:43:15

Time Test Ended: 08:11:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

**Interval: 4181.00 ft (KB) To 4210.00 ft (KB) (TVD)**

Reference Elevations: 3071.00 ft (KB)

Total Depth: 3910.00 ft (KB) (TVD)

3063.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

**Serial #: 8845 Outside**

Press@RunDepth: 46.38 psig @ 4182.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.06.23

End Date: 2016.06.23

Last Calib.: 2016.06.23

Start Time: 00:17:05

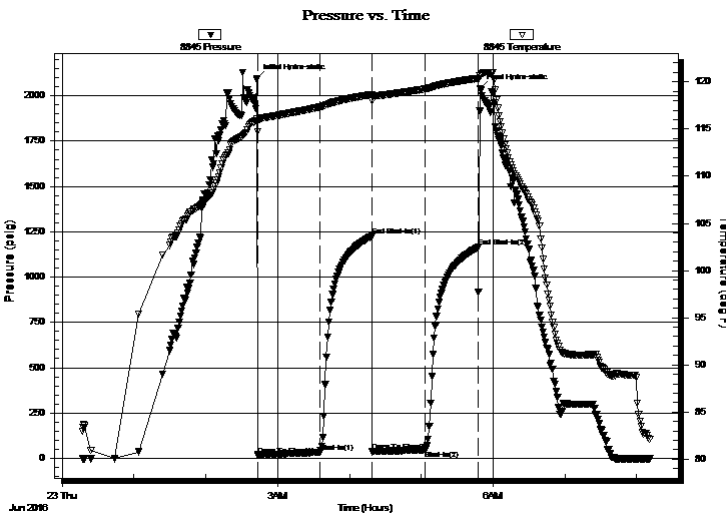
End Time: 08:11:14

Time On Btm: 2016.06.23 @ 02:42:30

Time Off Btm: 2016.06.23 @ 05:49:15

TEST COMMENT: IF: Surface blow .  
IS: No retrun.  
FF: No blow .  
FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2093.85	116.05	Initial Hydro-static
1	17.96	114.74	Open To Flow (1)
53	33.27	117.33	Shut-In(1)
97	1225.39	118.66	End Shut-In(1)
97	36.84	118.04	Open To Flow (2)
141	46.38	119.25	Shut-In(2)
185	1164.00	120.37	End Shut-In(2)
187	2041.29	120.70	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
70.00	socm 1o 99m (oil puddle on top)	0.51

\* Recovery from multiple tests

## Gas Rates

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



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## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 16000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	socm 1o 99m (oil puddle on top)	0.514

Total Length: 70.00 ft      Total Volume: 0.514 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

