



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco, LLC.

**17-1S-37W Cheyenne, KS**

2020 N Bramblewood  
Wichita, KS 67206

**Vada #2-17**

Job Ticket: 58130

**DST#: 3**

ATTN: Pete Vollmer

Test Start: 2014.04.28 @ 23:40:00

## GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:09:30

Time Test Ended: 09:52:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Quintana

Unit No: 66

**Interval: 4470.00 ft (KB) To 4518.00 ft (KB) (TVD)**

Reference Elevations: 3132.00 ft (KB)

Total Depth: 4518.00 ft (KB) (TVD)

3119.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

**Serial #: 8874**

**Inside**

Press@RunDepth: 47.47 psig @ 4471.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.28

End Date:

2014.04.29

Last Calib.:

2014.04.29

Start Time: 23:41:00

End Time:

09:52:00

Time On Btm:

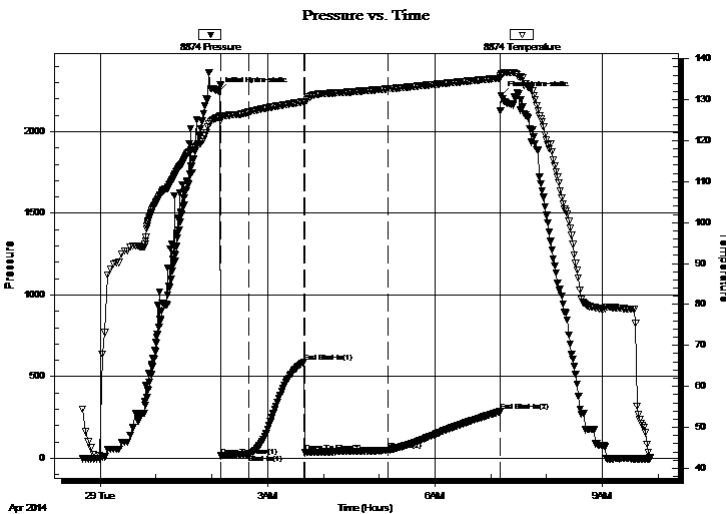
2014.04.29 @ 02:07:30

Time Off Btm:

2014.04.29 @ 07:11:30

**TEST COMMENT:** 30 - IF - Opened w/ surface blow built to 1"  
60 - ISI - No Return  
90 - FF - Surface blow built to 2"  
120 - FSI - No Return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2246.84	125.76	Initial Hydro-static
2	14.80	124.81	Open To Flow (1)
32	26.88	126.98	Shut-In(1)
92	591.32	129.54	End Shut-In(1)
93	34.39	129.42	Open To Flow (2)
183	47.47	132.66	Shut-In(2)
303	285.52	135.28	End Shut-In(2)
304	2221.99	136.12	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 70% m, 30% o	0.15
40.00	GO 90% o, 10% g	0.20

## 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:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 2.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	OCM 70% <sub>m</sub> , 30% <sub>o</sub>	0.148
40.00	GO 90% <sub>o</sub> , 10% <sub>g</sub>	0.197

Total Length: 70.00 ft      Total Volume: 0.345 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 60 @ 40 Corrected 58

