



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco, LLC.

**9-2N-37W Cheyenne, KS**

2020 N Bramblewood  
Wichita, KS 67206

**Wilkens D #1-9**

Job Ticket: 53449

**DST#: 2**

ATTN: Bryan Bynog

Test Start: 2015.07.29 @ 22:56:00

## GENERAL INFORMATION:

Formation: **Lower Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:26:00

Time Test Ended: 08:32:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 82

**Interval: 4122.00 ft (KB) To 4200.00 ft (KB) (TVD)**

Reference Elevations: 3377.00 ft (KB)

Total Depth: 4200.00 ft (KB) (TVD)

3366.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8653 Outside**

Press@RunDepth: 160.10 psig @ 4123.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.29

End Date: 2015.07.30

Last Calib.: 2015.07.30

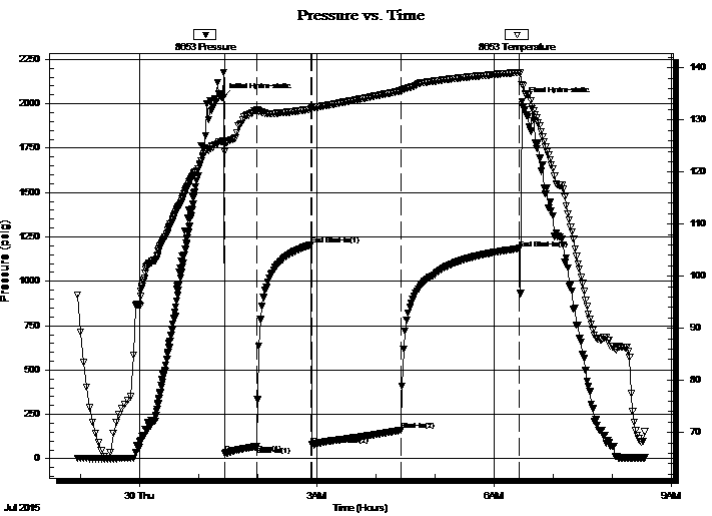
Start Time: 22:57:00

End Time: 08:32:30

Time On Btm: 2015.07.30 @ 01:24:30

Time Off Btm: 2015.07.30 @ 06:28:00

**TEST COMMENT:** 30 - IF- 1/4" Blow built to 3"  
60 - IS- No Return  
90 - FF- Surface Blow started at 8 min. Built to 3 3/4"  
120 - FS- No Return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2034.05	125.81	Initial Hydro-static
2	28.59	123.89	Open To Flow (1)
34	70.07	131.84	Shut-In(1)
89	1204.37	132.07	End Shut-In(1)
91	78.69	132.42	Open To Flow (2)
181	160.10	135.61	Shut-In(2)
301	1184.60	139.13	End Shut-In(2)
304	2011.49	136.79	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	OSMW 10M 90W (oil spots)	0.59
60.00	OSWM 50W 50M (oil spots)	0.30
60.00	OSWM 40W 60M (oil spots)	0.30
70.00	OSM 100M (oil spots)	0.34

## 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: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

24000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	OSMW 10M 90W (oil spots)	0.590
60.00	OSWM 50W 50M (oil spots)	0.295
60.00	OSWM 40W 60M (oil spots)	0.295
70.00	OSM 100M (oil spots)	0.344

Total Length: 310.00 ft

Total Volume: 1.524 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: W .31 @ 67 deg = 24000ppm

