



**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: 53448

**DST#: 1**

ATTN: Bryan Bynog

Test Start: 2015.07.29 @ 01:35:00

## GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:28:00

Time Test Ended: 11:50:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 82

**Interval: 4040.00 ft (KB) To 4120.00 ft (KB) (TVD)**

Reference Elevations: 3377.00 ft (KB)

Total Depth: 4120.00 ft (KB) (TVD)

3366.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8520 Inside**

Press@RunDepth: 115.97 psig @ 4041.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.29 End Date: 2015.07.29

Last Calib.: 2015.07.29

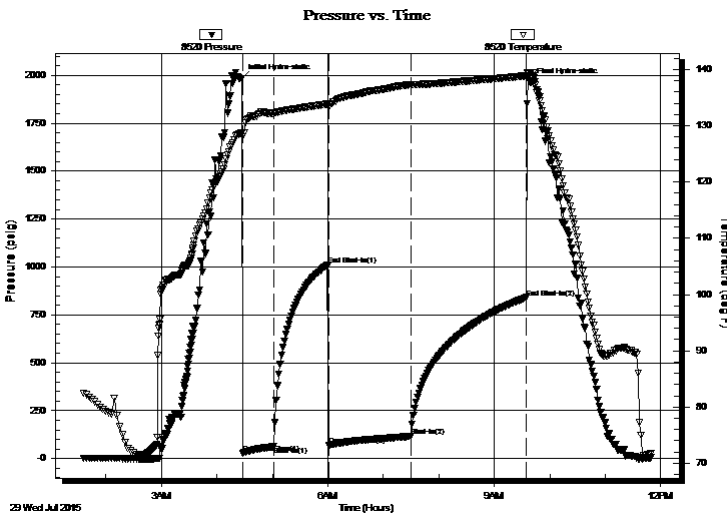
Start Time: 01:36:00 End Time: 11:50:00

Time On Btm: 2015.07.29 @ 04:26:30

Time Off Btm: 2015.07.29 @ 09:39:00

**TEST COMMENT:** 30 - IF- 1/2" Blow built to 3"  
60 - IS- No Return  
90 - FF- Surface Blow started at 10 min. Built to 1"  
120 - FS- No Return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1981.58	128.65	Initial Hydro-static
2	27.46	128.06	Open To Flow (1)
35	65.76	132.20	Shut-In(1)
94	1010.08	133.87	End Shut-In(1)
95	70.74	133.23	Open To Flow (2)
183	115.97	137.28	Shut-In(2)
308	840.17	138.85	End Shut-In(2)
313	1963.16	139.40	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	WM 30W 70M	0.59
60.00	WM 20W 80M	0.30
10.00	OSM 100M	0.05

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco, LLC.

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

2020 N Bramblewood  
Wichita, KS 67206

**Wilkens D #1-9**

Job Ticket: 53448

**DST#: 1**

ATTN: Bryan Bynog

Test Start: 2015.07.29 @ 01:35:00

### 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:

23000 ppm

Viscosity: 72.00 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 bbl
120.00	WM 30W 70M	0.590
60.00	WM 20W 80M	0.295
10.00	OSM 100M	0.049

Total Length: 190.00 ft      Total Volume: 0.934 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .30 @ 75 deg. = 23000 ppm

