



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC.  
 2020 N. Bramblewood  
 Wichita KS 67206  
 ATTN: Bryan Bynog

**22-1S-36W - Rawlins KS**

**Michael #1-22**

Job Ticket: 53418

**DST#: 4**

Test Start: 2013.08.18 @ 05:35:00

## GENERAL INFORMATION:

Formation: **Lan C**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 08:29:45  
 Time Test Ended: 17:24:30  
 Interval: **4138.00 ft (KB) To 4200.00 ft (KB) (TVD)**  
 Total Depth: 4200.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Wilbur Steinbeck  
 Unit No: 42  
 Reference Elevations: 3158.00 ft (KB)  
 3147.00 ft (CF)  
 KB to GR/CF: 11.00 ft

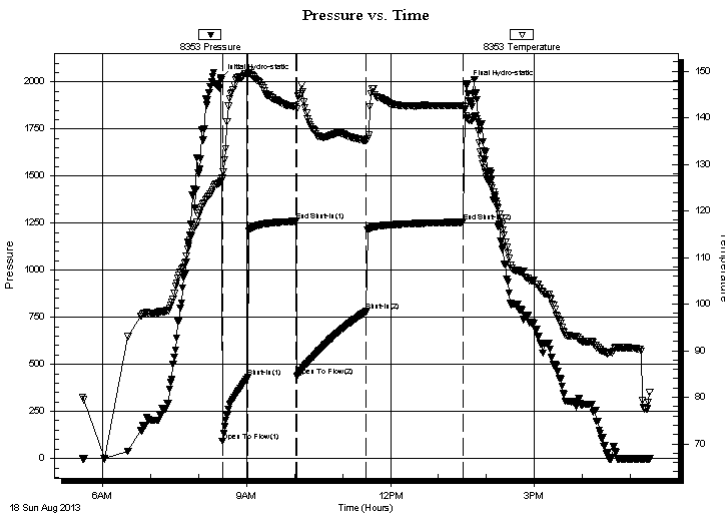
## Serial #: 8353

**Inside**

Press @ Run Depth: 781.49 psig @ 4139.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.08.18 End Date: 2013.08.18 Last Calib.: 2013.08.18  
 Start Time: 05:35:15 End Time: 17:24:30 Time On Btm: 2013.08.18 @ 08:27:45  
 Time Off Btm: 2013.08.18 @ 13:34:45

**TEST COMMENT:** 30 IF; BOB in 3 min  
 60 IS; Built to 9 1/2"  
 90 FF; BOB in 10 min  
 120 FSI; Built to

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2020.38	126.22	Initial Hydro-static
2	91.73	127.01	Open To Flow (1)
34	429.82	149.08	Shut-In(1)
94	1260.48	142.34	End Shut-In(1)
95	434.85	141.87	Open To Flow (2)
182	781.49	135.09	Shut-In(2)
303	1255.29	142.55	End Shut-In(2)
307	1987.30	140.03	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1054.00	OMCW 5%M 10%O	9.36
248.00	GWCO 5%G 20%W 75%O	3.48
434.00	GO 15%G 85%O	6.09
0.00	GIP 248'	0.00

\* 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:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1054.00	OMCW 5%M 10%O	9.365
248.00	GWCO 5%G 20%W 75%O	3.479
434.00	GO 15%G 85%O	6.088
0.00	GIP 248'	0.000

Total Length: 1736.00 ft      Total Volume: 18.932 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity 23@90 DEG F=20

Serial #: 8353

Inside

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### Pressure vs. Time

