



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco LLC  
2020 N. Bramblewood  
Wichita Ks 67206  
ATTN: Pete Vollmer

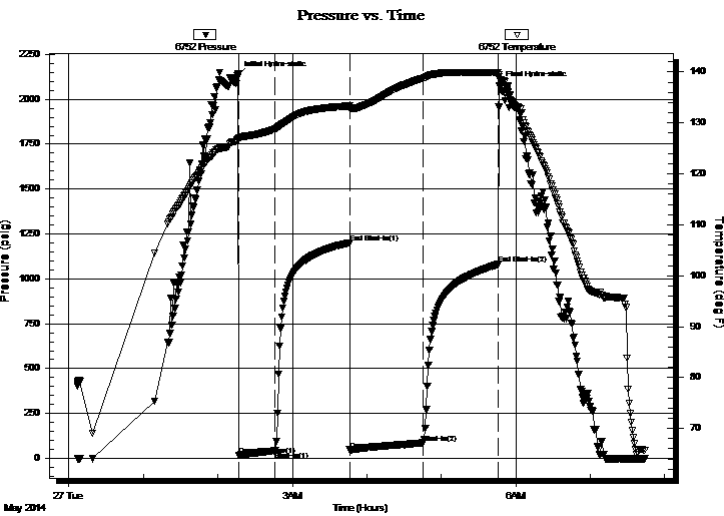
**9-1S-37W**  
**Mears B #2-9**  
Job Ticket: 56899      **DST#: 3**  
Test Start: 2014.05.27 @ 00:07:00

## GENERAL INFORMATION:

Formation: **LKC " B "**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 02:16:40  
Time Test Ended: 07:43:50  
Interval: **4246.00 ft (KB) To 4300.00 ft (KB) (TVD)**  
Total Depth: 4300.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Ryan Nichols  
Unit No: 58  
Reference Elevations: 3278.00 ft (KB)  
3265.00 ft (CF)  
KB to GR/CF: 13.00 ft

**Serial #: 6752      Inside**  
Press@RunDepth: 85.86 psig @ 4247.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2014.05.27      End Date: 2014.05.27      Last Calib.: 2014.05.27  
Start Time: 00:07:01      End Time: 07:43:50      Time On Btm: 2014.05.27 @ 02:15:40  
Time Off Btm: 2014.05.27 @ 05:46:30

TEST COMMENT: 30 IF - Surface blow built to 2"  
60 ISI - No return  
60 FF - No blow  
60 FSI - No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2129.60	126.75	Initial Hydro-static
1	17.06	126.69	Open To Flow (1)
31	41.65	128.77	Shut-In(1)
91	1200.71	133.35	End Shut-In(1)
91	46.65	132.89	Open To Flow (2)
150	85.86	138.77	Shut-In(2)
211	1080.35	139.85	End Shut-In(2)
211	2075.43	139.08	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
90.00	WCM - 50%W - 50%M	0.44
10.00	Mud 100%M	0.05

\* Recovery from multiple tests

## Gas Rates

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



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## FLUID SUMMARY

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Job Ticket: 56899

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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:

17000 ppm

Viscosity: 87.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	WCM - 50%W - 50%M	0.443
10.00	Mud 100%M	0.049

Total Length: 100.00 ft      Total Volume: 0.492 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .489 @ 65 DEG F

CHLORIDES = 17,000 PPM

