



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

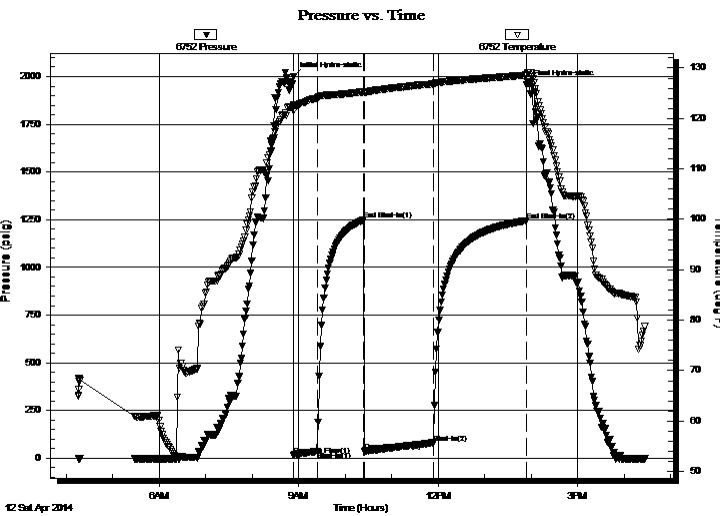
11-1S-37W Cheyenne KS
Deyle #1-11
Job Ticket: 56877 **DST#: 1**
Test Start: 2014.04.12 @ 04:16:00

GENERAL INFORMATION:

Formation: **Oread**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:53:50
Time Test Ended: 16:27:30
Interval: **4035.00 ft (KB) To 4140.00 ft (KB) (TVD)**
Total Depth: 4140.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Ryan Nichols
Unit No: 58
Reference Elevations: 3227.00 ft (KB)
3218.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6752 Inside
Press @ Run Depth: 80.81 psig @ 4036.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.04.12 End Date: 2014.04.12 Last Calib.: 2014.04.12
Start Time: 04:16:01 End Time: 16:27:30 Time On Btm: 2014.04.12 @ 08:53:40
Time Off Btm: 2014.04.12 @ 13:54:19

TEST COMMENT: 30 IF - 1/4" blow built to 1 3/4"
60 ISI - No return
90 FF - Surface blow started @ 35 mins built to 1/4"
120 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1998.65	122.63	Initial Hydro-static
1	16.09	121.59	Open To Flow (1)
31	35.09	123.99	Shut-In(1)
91	1249.50	125.30	End Shut-In(1)
91	37.74	125.16	Open To Flow (2)
180	80.81	126.82	Shut-In(2)
301	1244.77	128.59	End Shut-In(2)
301	1958.09	128.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	MCW - 25%M - 75%W	0.61

Gas Rates

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



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FLUID SUMMARY

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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: 64.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.00 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 700.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	MCW - 25%M - 75%W	0.615

Total Length: 125.00 ft Total Volume: 0.615 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Dirty water no chlorides

