



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

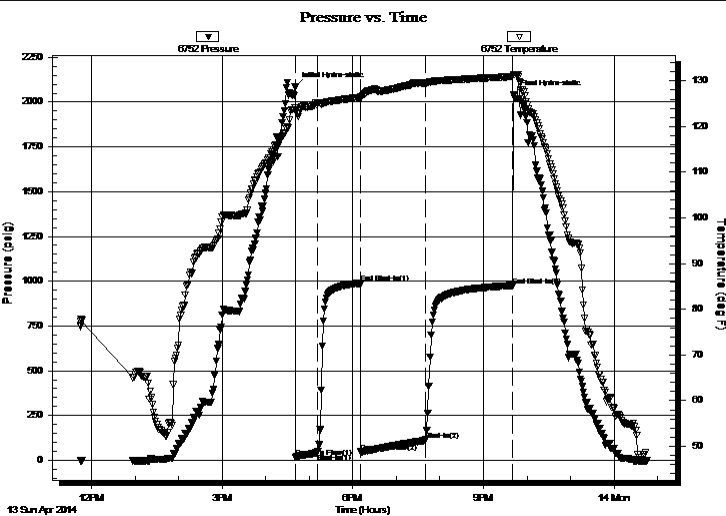
11-1S-37W Cheyenne KS
Deyle #1-11
Job Ticket: 56878 **DST#: 2**
Test Start: 2014.04.13 @ 11:45:00

GENERAL INFORMATION:

Formation: **LKC " A - B "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:41:00
Time Test Ended: 00:45:30
Interval: **4180.00 ft (KB) To 4270.00 ft (KB) (TVD)**
Total Depth: 4270.00 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: 3227.00 ft (KB)
3218.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6752 **Inside**
Press @ Run Depth: 111.03 psig @ 4181.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.04.13 End Date: 2014.04.14 Last Calib.: 2014.04.14
Start Time: 11:45:01 End Time: 00:45:30 Time On Btm: 2014.04.13 @ 16:40:39
Time Off Btm: 2014.04.13 @ 21:41:40

TEST COMMENT: 30 IF - 1/4" blow built to 2 3/4"
60 ISI - No return
90 FF - Surface blow built to 6"
120 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2085.15	124.13	Initial Hydro-static
1	18.13	123.71	Open To Flow (1)
31	41.88	124.95	Shut-In(1)
90	988.51	126.43	End Shut-In(1)
91	46.74	125.97	Open To Flow (2)
180	111.03	129.50	Shut-In(2)
301	976.01	130.94	End Shut-In(2)
302	2041.37	131.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	OCM - 20%o - 80%M	0.89
20.00	MCO - 15%M - 75%o	0.10

Gas Rates

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

* Recovery from multiple tests



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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: 5.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1100.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	OCM - 20%o - 80%M	0.885
20.00	MCO - 15%M - 75%o	0.098

Total Length: 200.00 ft Total Volume: 0.983 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

