



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco LLC.

15-1S-37W Cheyenne KS

2020 N. Bramblewood
Wichita KS 67206

Mears E #1-15

Job Ticket: 60014

DST#: 1

ATTN: Pete Vollmeyer

Test Start: 2014.09.10 @ 04:01:00

GENERAL INFORMATION:

Formation: **LKC " B "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:39:30

Time Test Ended: 12:06:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Nichols

Unit No: 78

Interval: 4110.00 ft (KB) To 4170.00 ft (KB) (TVD)

Reference Elevations: 3156.00 ft (KB)

Total Depth: 4170.00 ft (KB) (TVD)

3143.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 6752 Inside

Press@RunDepth: 33.63 psig @ 4111.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.09.10 End Date: 2014.09.10

Last Calib.: 2014.09.10

Start Time: 04:01:05 End Time: 12:06:14

Time On Btm: 2014.09.10 @ 06:37:15

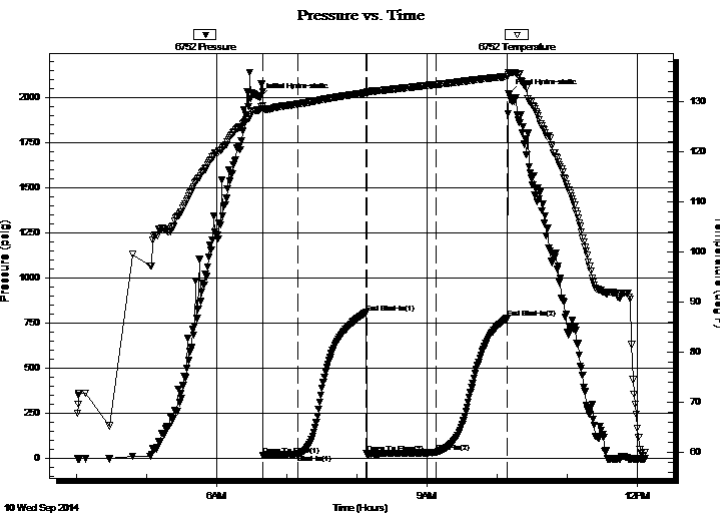
Time Off Btm: 2014.09.10 @ 10:10:00

TEST COMMENT: 30 IF - Surface blow built to 1 1/2"

60 ISI - No return

60 FF - No blow

60 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2003.11	128.25	Initial Hydro-static
3	17.15	128.39	Open To Flow (1)
33	22.35	129.43	Shut-In(1)
91	808.61	131.68	End Shut-In(1)
91	25.10	131.60	Open To Flow (2)
151	33.63	133.31	Shut-In(2)
212	776.63	134.92	End Shut-In(2)
213	2022.39	135.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
18.00	OCM - 20%o - 80%M	0.09
2.00	MCO - 35%M - 65%o	0.01

Gas Rates

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



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FLUID SUMMARY

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DST#: 1

ATTN: Pete Vollmeyer

Test Start: 2014.09.10 @ 04:01:00

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:

ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
18.00	OCM - 20%o - 80%M	0.089
2.00	MCO - 35%M - 65%o	0.010

Total Length: 20.00 ft Total Volume: 0.099 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6752

Inside

Berexco LLC.

Mears E#1-15

DST Test Number: 1

