



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC

4-16s-25w Ness, KS

2020 N Bramblewood
Wichita, KS 67206

Kelle #1-4

Job Ticket: 49121

DST#: 3

ATTN: Mac Armstrong

Test Start: 2013.04.11 @ 05:00:29

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:48:59

Time Test Ended: 12:15:44

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 46

Interval: 4474.00 ft (KB) To 4490.00 ft (KB) (TVD)

Total Depth: 4490.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2524.00 ft (KB)

2519.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8675 Inside

Press@RunDepth: 42.09 psig @ 4475.00 ft (KB)

Start Date: 2013.04.11

End Date:

2013.04.11

Start Time: 05:00:44

End Time:

12:15:44

Capacity: 8000.00 psig

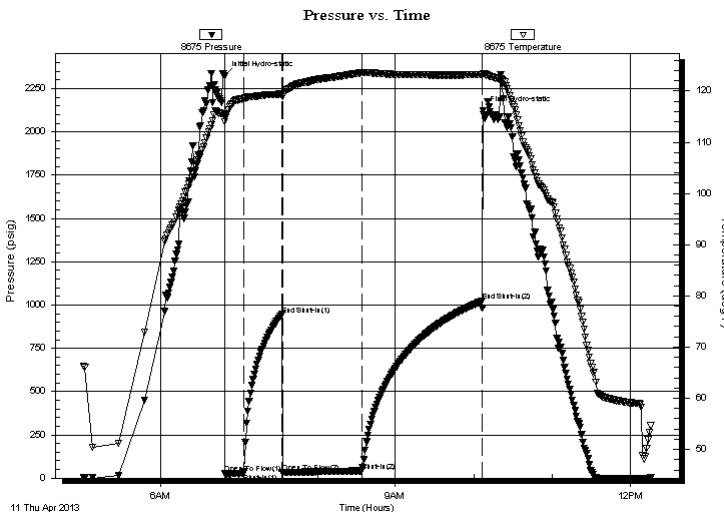
Last Calib.: 2013.04.11

Time On Btm: 2013.04.11 @ 06:48:44

Time Off Btm: 2013.04.11 @ 10:07:14

TEST COMMENT: IF-Weak surface blow built to 2 in.
ISI-Dead no return blow
FF-Weak surface blow built to 1/4 in.
FSI-Dead no return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2323.00	115.51	Initial Hydro-static
1	25.87	114.03	Open To Flow (1)
15	29.15	118.54	Shut-In(1)
44	944.01	119.42	End Shut-In(1)
45	30.95	118.93	Open To Flow (2)
106	42.09	123.57	Shut-In(2)
198	1022.04	123.16	End Shut-In(2)
199	2122.43	123.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	100%Mud	0.70

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



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FLUID SUMMARY

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ATTN: Mac Armstrong

Test Start: 2013.04.11 @ 05:00:29

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 43.00 sec/qt

Water Loss: 9.59 in³

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	100%Mud	0.701

Total Length: 50.00 ft

Total Volume: 0.701 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8675

Inside

Berexco LLC

Kelle #1-4

DST Test Number: 3

Pressure vs. Time

