



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: 49973

DST#: 4

ATTN: Mac Armstrong

Test Start: 2013.04.11 @ 19:10:00

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:47:00

Time Test Ended: 02:52:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: 4474.00 ft (KB) To 4500.00 ft (KB) (TVD)

Reference Elevations: 2524.00 ft (KB)

Total Depth: 4500.00 ft (KB) (TVD)

2519.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 8675 Inside

Press@RunDepth: 28.08 psig @ 4475.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.04.11

End Date:

2013.04.12

Last Calib.: 2013.04.12

Start Time: 19:10:15

End Time:

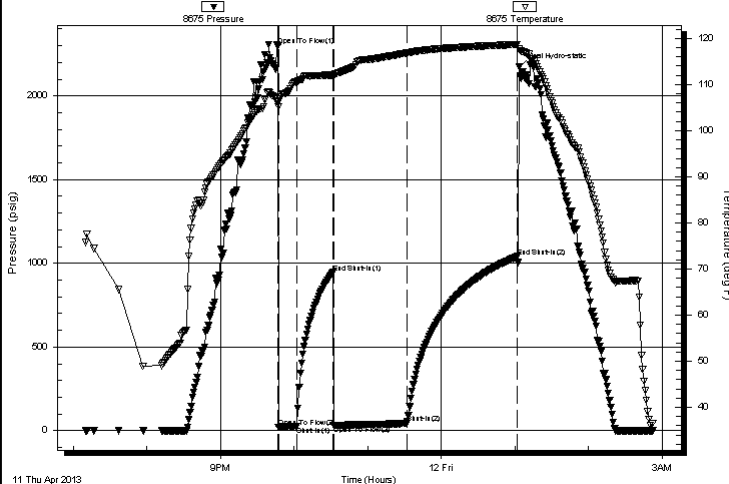
02:52:45

Time On Btm:

Time Off Btm: 2013.04.12 @ 01:03:15

TEST COMMENT: Built to 2" blow
No return blow
Built to 1" blow
No return blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2301.70	106.13	Open To Flow (1)
1	22.97	105.21	Open To Flow (2)
16	28.08	110.62	Shut-In(1)
45	945.28	112.06	End Shut-In(1)
46	31.07	111.78	Open To Flow (3)
105	43.16	116.82	Shut-In(2)
195	1040.18	118.69	End Shut-In(2)
197	2170.94	117.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	100% Mud w with oil spots in tool	0.56

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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Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 9.99 in³

Resistivity: ohm.m

Salinity: 3000.00 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
40.00	100% Mud with oil spots in tool	0.561

Total Length: 40.00 ft

Total Volume: 0.561 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: 4

