



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco LLC.

19-1S-37W

2020 N. Bramblewood
Wichita Ks 67206

Owen Trust #1-19

Job Ticket: 61016

DST#: 5

ATTN: Pete Vollmer

Test Start: 2014.12.04 @ 06:34:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:51:30

Time Test Ended: 14:36:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: #54

Interval: 4518.00 ft (KB) To 4564.00 ft (KB) (TVD)

Reference Elevations: 3183.00 ft (KB)

Total Depth: 4564.00 ft (KB) (TVD)

3170.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 6753 Outside

Press@RunDepth: 19.65 psig @ 4519.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.12.04

End Date:

2014.12.04

Last Calib.:

2014.12.04

Start Time: 06:34:05

End Time:

14:36:44

Time On Btm:

2014.12.04 @ 08:51:15

Time Off Btm:

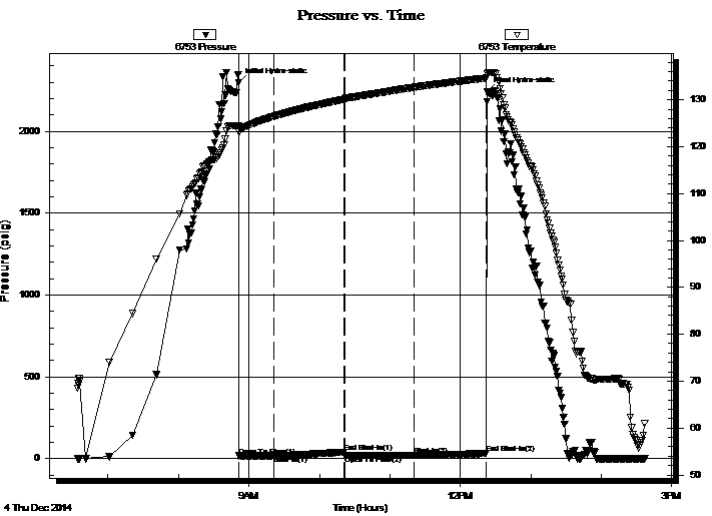
2014.12.04 @ 12:23:00

TEST COMMENT: 30 - IF - Surface blow built to 1/2" and then died to a weak surface blow

60 - ISI - No Return

60 - FF - No Surface blow

60 - FSI - No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2299.50	124.20	Initial Hydro-static
1	16.25	123.06	Open To Flow (1)
30	17.75	126.46	Shut-In(1)
90	39.90	130.07	End Shut-In(1)
90	18.18	130.10	Open To Flow (2)
150	19.65	132.68	Shut-In(2)
211	31.62	134.64	End Shut-In(2)
212	2244.15	135.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OSM - 100M - Oil Spots	0.02

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OSM - 100M - Oil Spots	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

