



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

25-4S-34W Rawlins, KS

Leebrick Trust #1-25

Job Ticket: 60192

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2014.10.12 @ 13:00:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:07:00

Time Test Ended: 21:07:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4430.00 ft (KB) To 4465.00 ft (KB) (TVD)

Reference Elevations: 3125.00 ft (KB)

Total Depth: 4465.00 ft (KB) (TVD)

3120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8874 Inside

Press @ Run Depth: 17.55 psig @ 4431.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.12

End Date:

2014.10.12

Last Calib.:

2014.10.12

Start Time: 13:01:00

End Time:

21:07:00

Time On Btm:

2014.10.12 @ 16:06:30

Time Off Btm:

2014.10.12 @ 18:51:30

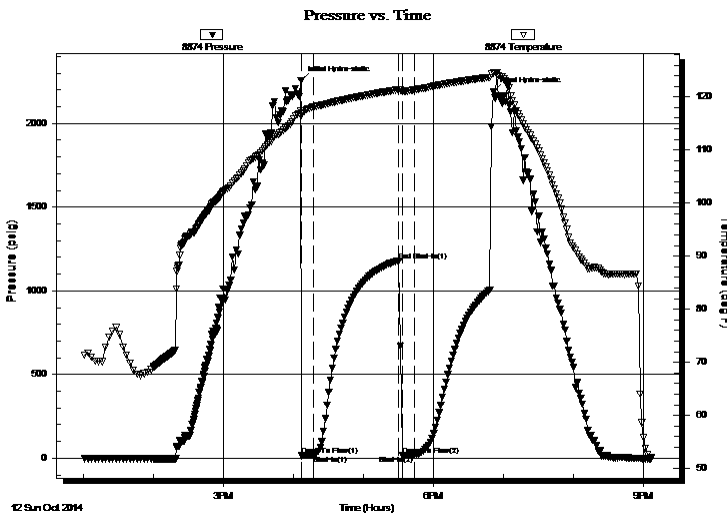
TEST COMMENT: 10 - IF- Surface Blow built to 1/4"

75 - IS- No Return

10 - FF- No Blow

60 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2257.49	117.34	Initial Hydro-static
1	15.29	116.80	Open To Flow (1)
11	17.55	118.09	Shut-In(1)
84	1180.24	121.37	End Shut-In(1)
87	17.89	121.01	Open To Flow (2)
97	17.18	121.32	Shut-In(2)
165	2188.40	124.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100M	0.02

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2014.10.12 @ 13:00:00

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: 71.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100M	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:

