



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Ring Energy, Inc

**1-27s-31w Haskell Co., Ks.**

P.O. Box 11350  
Midland, Tx. 79702

**Nally #1-1**

Job Ticket: 57782

**DST#: 1**

ATTN: Austin Garner

Test Start: 2014.10.03 @ 01:43:18

## GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:27:33

Time Test Ended: 13:15:33

Test Type: Conventional Bottom Hole (Initial)

Tester: Matt Smith

Unit No: 53

**Interval: 4749.00 ft (KB) To 4776.00 ft (KB) (TVD)**

Reference Elevations: 2811.00 ft (KB)

Total Depth: 4776.00 ft (KB) (TVD)

2802.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

**Serial #: 6773 Inside**

Press@RunDepth: 102.69 psig @ 4750.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.03

End Date:

2014.10.03

Last Calib.: 2014.10.03

Start Time: 01:43:23

End Time:

13:15:33

Time On Btm: 2014.10.03 @ 06:25:18

Time Off Btm: 2014.10.03 @ 10:06:33

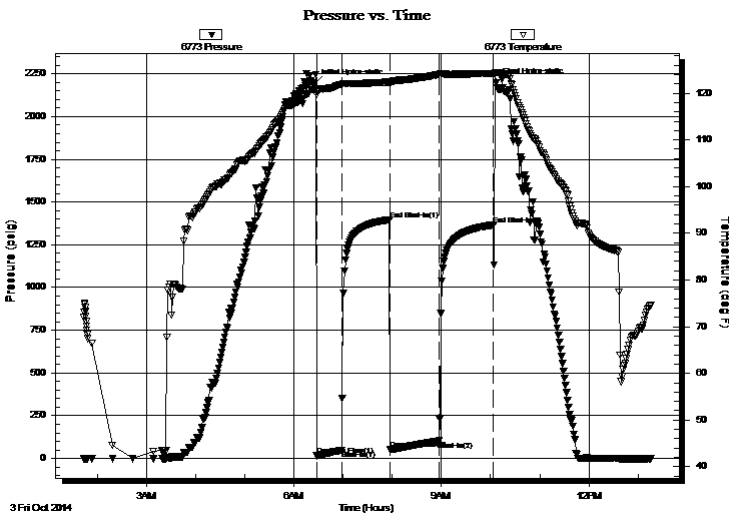
TEST COMMENT: IF: Weak blow . Surf., - 1 1/2".

IS: No blow .

FF: Weak blow . Surf., - 3/4".

FS: No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2193.11	120.73	Initial Hydro-static
3	15.64	119.63	Open To Flow (1)
34	48.35	121.85	Shut-In(1)
92	1396.26	122.41	End Shut-In(1)
93	51.03	122.27	Open To Flow (2)
152	102.69	124.00	Shut-In(2)
219	1366.19	124.21	End Shut-In(2)
222	2196.46	124.44	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	GWCM 1%g 44%w 55%m	0.30
60.00	GMCW 1%g 40%m 59%w	0.30
60.00	MCW 3%m 97%w	0.30
2.00	MCW 3%m 97%w	0.01

## 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:

12500 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	GWCM 1%g 44%w 55%m	0.295
60.00	GMCW 1%g 40%m 59%w	0.295
60.00	MCW 3%m 97%w	0.295
2.00	MCW 3%m 97%w	0.010

Total Length: 182.00 ft      Total Volume: 0.895 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .49 @ 75 degrees = 12500 chlorides.

