



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Ring Energy Inc  
p.o. box 11350  
Midland, Tx  
79702  
ATTN: Austin Garner

**32-27s-30w Gray,Ks**

**Jantz #1-32**

Job Ticket: 56289

**DST#: 1**

Test Start: 2014.03.06 @ 05:40:47

## GENERAL INFORMATION:

Formation: **Miss, St Louis**

Deviated: No Whipstock: 7.88 ft (KB)

Time Tool Opened: 08:20:32

Time Test Ended: 18:00:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane McBride

Unit No: 55

**Interval: 5220.00 ft (KB) To 5290.00 ft (KB) (TVD)**

Reference Elevations: 2821.00 ft (KB)

Total Depth: 5290.00 ft (KB) (TVD)

2811.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 6771**

**Inside**

Press @ Run Depth: 574.02 psig @ 5221.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.06

End Date:

2014.03.06

Last Calib.:

2014.03.06

Start Time: 05:40:47

End Time:

17:44:47

Time On Btm:

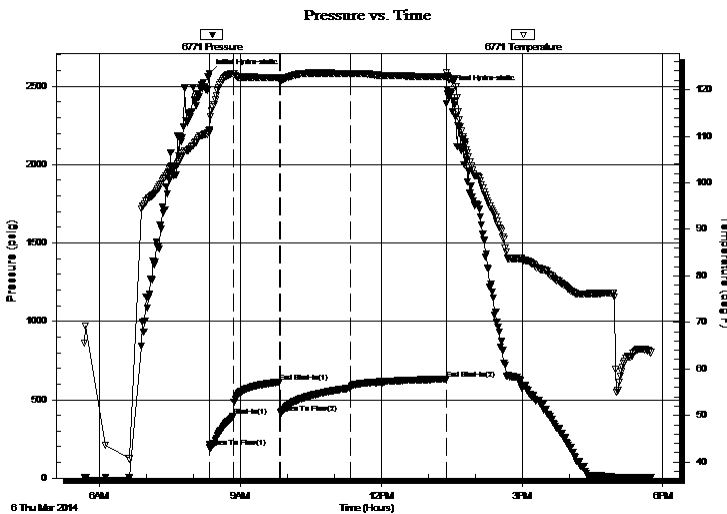
2014.03.06 @ 08:20:02

Time Off Btm:

2014.03.06 @ 13:24:17

**TEST COMMENT:** B.O.B. in 2 min.  
No return  
B.O.B. in 5 min.  
Return blow to B.O.B. in 30 min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2582.30	111.20	Initial Hydro-static
1	193.86	111.35	Open To Flow (1)
31	392.75	123.50	Shut-In(1)
90	613.14	122.50	End Shut-In(1)
91	417.10	122.13	Open To Flow (2)
181	574.02	123.47	Shut-In(2)
303	631.39	122.87	End Shut-In(2)
305	2479.02	122.95	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
77.00	g m w /oilspots 100%m	1.08
124.00	g w & m c o 25g 10w 10m 55o	1.74
682.00	g w & m c o 30g 10w 15m 45o	9.57
124.00	g o & m c w 10g 5o 10m 75w	1.74
310.00	g o & m c w 5g 5o 5m 85w	4.35
0.00	2897' gas in pipe	0.00

## Gas Rates

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





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**FLUID SUMMARY**

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Midland, Tx

Job Ticket: 56289

**DST#: 1**

79702

ATTN: Austin Garner

Test Start: 2014.03.06 @ 05:40:47

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

78000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
77.00	g m w/oilspots 100%m	1.080
124.00	g w & m c o 25g 10w 10m 55o	1.739
682.00	g w & m c o 30g 10w 15m 45o	9.567
124.00	g o & m c w 10g 5o 10m 75w	1.739
310.00	g o & m c w 5g 5o 5m 85w	4.348
0.00	2897' gas in pipe	0.000

Total Length: 1317.00 ft      Total Volume: 18.473 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .108 @ 66\*f =78,000 chlor

