



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Red Oak Energy, Inc.

S16-14s-40w Wallace/KS

7701 E Kellog Dr.
STE 710
Wichita, KS 67207
ATTN: Sean Deenihan

Shemm Trust #1-16

Job Ticket: 61718

DST#: 1

Test Start: 2015.09.24 @ 00:53:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:21:40

Time Test Ended: 08:57:50

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 61

Interval: 4882.00 ft (KB) To 4955.00 ft (KB) (TVD)

Reference Elevations: 3696.00 ft (KB)

Total Depth: 4955.00 ft (KB) (TVD)

3686.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8357

Inside

Press@RunDepth: 970.79 psig @ 4884.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.09.24

End Date:

2015.09.24

Last Calib.:

2015.09.24

Start Time: 00:53:02

End Time:

08:57:50

Time On Btm:

2015.09.24 @ 03:20:30

Time Off Btm:

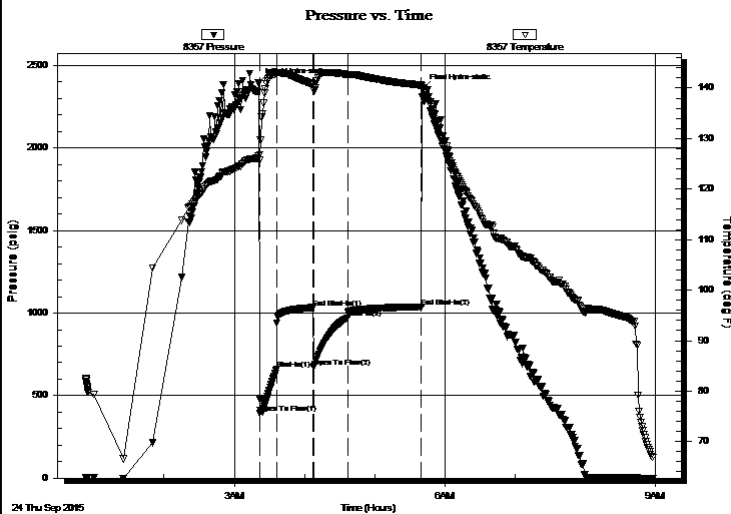
2015.09.24 @ 05:41:30

TEST COMMENT: 15- B.O.B. @ 1 1/2 min.

30- 8" Return.

30- B.O.B. @ 2 min.

60- No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2398.02	126.49	Initial Hydro-static
2	392.46	126.81	Open To Flow (1)
16	659.58	142.89	Shut-In(1)
47	1033.84	140.76	End Shut-In(1)
48	672.15	140.22	Open To Flow (2)
77	970.79	142.63	Shut-In(2)
140	1038.38	140.56	End Shut-In(2)
141	2362.55	139.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1476.00	MW 5m 95w Heavy bubbling.	18.79
252.00	MW 25m 75w	3.53
390.00	WM 20w 80m	5.47

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy, Inc.

S16-14s-40w Wallace/KS

7701 E Kellog Dr.

Shemm Trust #1-16

STE 710

Job Ticket: 61718

DST#: 1

Wichita, KS 67207

Test Start: 2015.09.24 @ 00:53:00

ATTN: Sean Deenihan

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

64000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1476.00	MW 5m 95w Heavy bubbling.	18.791
252.00	MW 25m 75w	3.535
390.00	WM 20w 80m	5.471

Total Length: 2118.00 ft Total Volume: 27.797 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .160 @ 53 Degrees F = 64000 PPM

