



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Red Oak Energy, Inc
 7701 E Kellogg Dr. STE 700
 Wichita, Ks 67207
 ATTN: Sean Deenihan

14 17s 33w Scott, Ks
Heyd 2-14
 Job Ticket: 59555 **DST#: 1**
 Test Start: 2014.12.17 @ 13:03:00

GENERAL INFORMATION:

Formation: **LKC - B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:50:00
 Time Test Ended: 18:34:00
 Interval: **4058.00 ft (KB) To 4092.00 ft (KB) (TVD)**
 Total Depth: 4092.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 69
 Reference Elevations: 3012.00 ft (KB)
 3007.00 ft (CF)
 KB to GR/CF: 5.00 ft

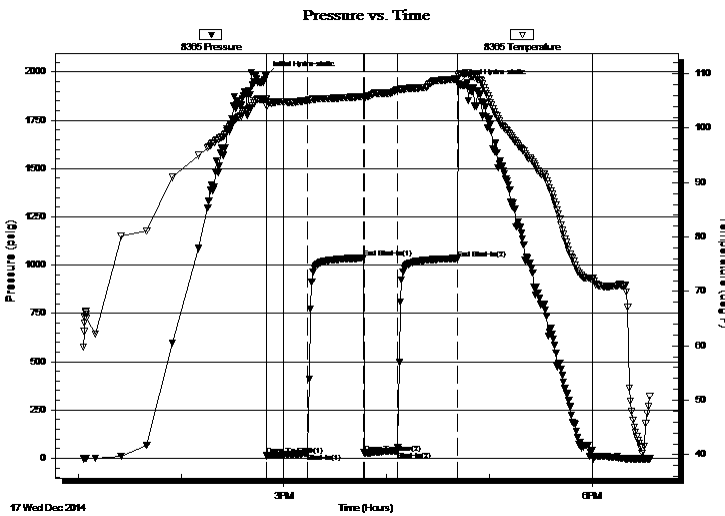
Serial #: 8365

Inside

Press @ Run Depth: 38.34 psig @ 4059.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.12.17 End Date: 2014.12.17 Last Calib.: 2014.12.17
 Start Time: 13:03:05 End Time: 18:33:59 Time On Btm: 2014.12.17 @ 14:49:45
 Time Off Btm: 2014.12.17 @ 16:42:00

TEST COMMENT: IF: 1/2" blow.
 IS: No return.
 FF: 1/4" blow.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1982.17	105.35	Initial Hydro-static
1	13.03	104.04	Open To Flow (1)
24	25.66	105.11	Shut-In(1)
57	1036.78	105.82	End Shut-In(1)
57	27.14	105.47	Open To Flow (2)
77	38.34	107.05	Shut-In(2)
112	1034.47	109.04	End Shut-In(2)
113	1939.15	109.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Mud 100m (oil specs)	0.22

* Recovery from multiple tests

Gas Rates

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



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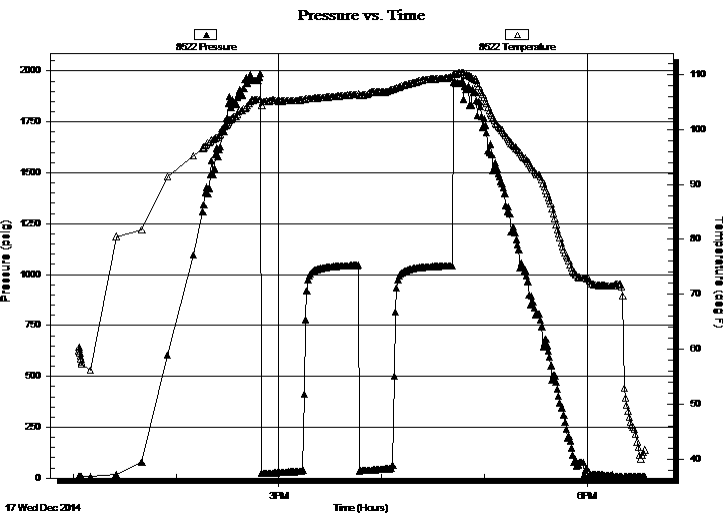
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 3007.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8522

Outside

Press@RunDepth: psig @ 4059.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.12.17 End Date: 2014.12.17 Last Calib.: 1899.12.30
 Start Time: 13:03:05 End Time: 18:33:59 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: 1/2" blow.
 IS: No return.
 FF: 1/4" blow.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Mud 100m (oil specs)	0.22

* Recovery from multiple tests

Gas Rates

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



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TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy, Inc

14 17s 33w Scott, Ks

7701 E kellogg Dr. STE 700
Wichita, Ks 67207

Heyd 2-14

Job Ticket: 59555

DST#: 1

ATTN: Sean Deenihan

Test Start: 2014.12.17 @ 13:03:00

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:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	Mud 100m (oil specs)	0.221

Total Length: 45.00 ft Total Volume: 0.221 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

