



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: 59556 **DST#: 2**
 Test Start: 2014.12.18 @ 17:33:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 19:59:45 Tester: Bradley Walter
 Time Test Ended: 02:46:30 Unit No: 69
 Interval: **4330.00 ft (KB) To 4445.00 ft (KB) (TVD)** Reference Elevations: 3012.00 ft (KB)
 Total Depth: 4445.00 ft (KB) (TVD) 3007.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

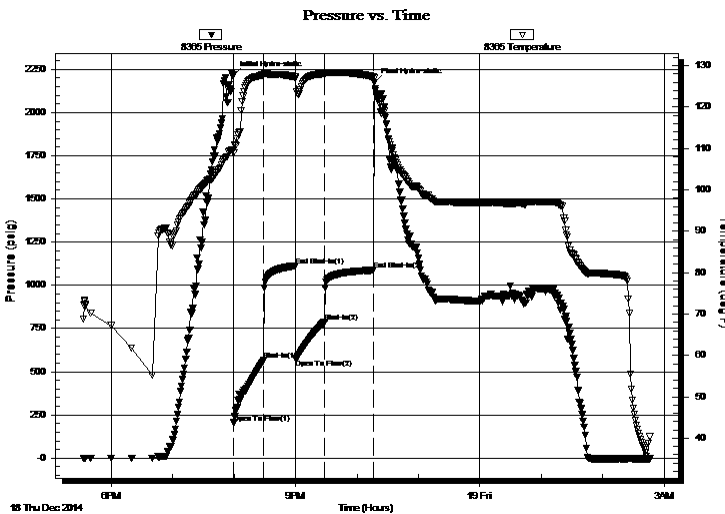
Serial #: 8365

Inside

Press @ Run Depth: 789.71 psig @ 4331.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.12.18 End Date: 2014.12.19 Last Calib.: 2014.12.19
 Start Time: 17:33:05 End Time: 02:46:30 Time On Btm: 2014.12.18 @ 19:59:30
 Time Off Btm: 2014.12.18 @ 22:16:45

TEST COMMENT: IF: BOB @ 1.5 min.
 IS: BOB @ 6 min.
 FF: BOB @ 1 min.
 FS: BOB @ 5 min. (gas to surface @ 20 min.)

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2215.84	109.69	Initial Hydro-static
1	204.63	108.93	Open To Flow (1)
30	565.57	127.80	Shut-In(1)
60	1113.27	127.23	End Shut-In(1)
61	575.29	126.86	Open To Flow (2)
89	789.71	128.10	Shut-In(2)
137	1087.48	127.28	End Shut-In(2)
138	2171.76	126.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	gmco 30g 30m 40o	1.42
1820.00	go 35g 65o	25.53
0.00	2250' GIP (Gas to surface)	0.00

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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DST#: 2

ATTN: Sean Deenihan

Test Start: 2014.12.18 @ 17:33:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 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: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	gmco 30g 30m 40o	1.423
1820.00	go 35g 65o	25.530
0.00	2250' GIP (Gas to surface)	0.000

Total Length: 2000.00 ft Total Volume: 26.953 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

