



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Red Oak Energy Inc.
7701 E Kellogg Dr. STE 710
PO Box 783140
Wichita, KS 67207
ATTN: Sean Deenihan

11/10s/26w Sheridan KS

Bittel #1-11

Job Ticket: 45653

DST#: 4

Test Start: 2012.03.19 @ 00:04:00

GENERAL INFORMATION:

Formation: **LKC "H - J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:41:30

Time Test Ended: 08:42:00

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 57

Interval: 3993.00 ft (KB) To 4064.00 ft (KB) (TVD)

Reference Elevations: 2611.00 ft (KB)

Total Depth: 4064.00 ft (KB) (TVD)

2603.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6719

Inside

Press @ Run Depth: 265.49 psig @ 3994.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.19

End Date:

2012.03.19

Last Calib.:

2012.03.19

Start Time: 00:04:05

End Time:

08:42:00

Time On Btm:

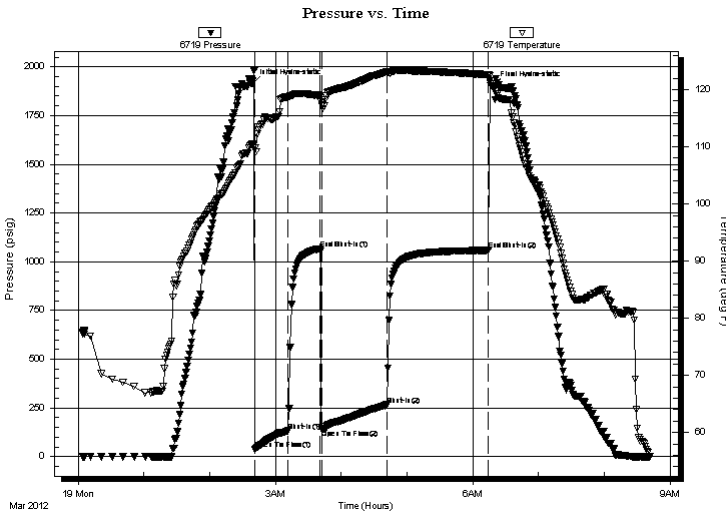
2012.03.19 @ 02:39:00

Time Off Btm:

2012.03.19 @ 06:18:30

TEST COMMENT: 30 - IF: Blow built to BOB (11") in 5 1/2 min.
30 - IS: Bled off, Blow back built to 5"
60 - FF: Blow built to BOB in 6 1/4 min.
90 - FS: Bled off, Blow back built to BOB in 13 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1913.83	110.46	Initial Hydro-static
3	35.53	109.79	Open To Flow (1)
32	130.94	118.67	Shut-In(1)
62	1067.36	118.95	End Shut-In(1)
63	140.56	117.90	Open To Flow (2)
123	265.49	123.06	Shut-In(2)
216	1058.78	122.64	End Shut-In(2)
220	1902.52	120.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	GWOCM 51% <i>m</i> , 29% <i>g</i> , 12% <i>o</i> , 8% <i>w</i>	2.14
125.00	GMO 48% <i>g</i> , 27% <i>o</i> , 25% <i>m</i>	1.61
340.00	CGO 67% <i>o</i> , 33% <i>g</i>	4.38
0.00	GIP = 1275'	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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Bittel #1-11

Job Ticket: 45653

DST#: 4

Test Start: 2012.03.19 @ 00:04:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 51.00 sec/qt
Water Loss: 7.20 in³
Resistivity: ohm.m
Salinity: 3800.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 37.8 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
185.00	GWOCM 51%m, 29%g, 12%o, 8%w	2.143
125.00	GMO 48%g, 27%o, 25%m	1.609
340.00	CGO 67%o, 33%g	4.376
0.00	GIP = 1275'	0.000

Total Length: 650.00 ft Total Volume: 8.128 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity = 37.2 api @ 54 deg F
Corrected Gravity = 37.8 api

Pressure vs. Time

