

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil Inc.
P.O. Box 8050
Edmond OK, 73083
ATTN: Kitt Noah

27-15s-35w
Dirks "A" #27-1
Job Ticket: 55604 **DST#: 3**
Test Start: 2013.11.03 @ 01:01:00

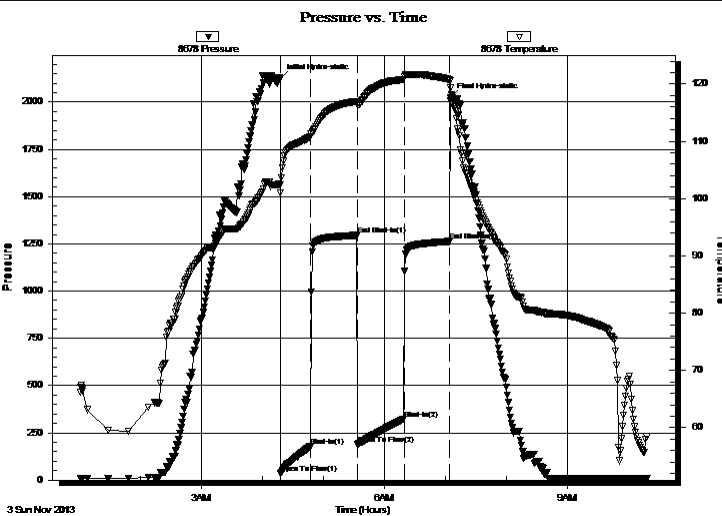
GENERAL INFORMATION:

Formation: **Marmaton - Altamont**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 04:17:45 Tester: Bradley Walter
 Time Test Ended: 10:18:30 Unit No: 69
 Interval: **4368.00 ft (KB) To 4394.00 ft (KB) (TVD)** Reference Elevations: 3131.00 ft (KB)
 Total Depth: 4394.00 ft (KB) (TVD) 3123.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8678

Press @ Run Depth: 323.72 psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.11.03 End Date: 2013.11.03 Last Calib.: 2013.11.03
 Start Time: 01:01:05 End Time: 10:18:30 Time On Btm: 2013.11.03 @ 04:17:30
 Time Off Btm: 2013.11.03 @ 07:05:00

TEST COMMENT: IF: BOB @ 4 min.
 IS: BOB return @ 30 min.
 FF: BOB @ 2 min.
 FS: BOB Return @ 35 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2125.25	102.36	Initial Hydro-static
1	35.15	101.01	Open To Flow (1)
30	177.46	110.81	Shut-In(1)
76	1295.16	116.95	End Shut-In(1)
76	189.56	116.41	Open To Flow (2)
122	323.72	120.76	Shut-In(2)
167	1263.10	120.73	End Shut-In(2)
168	2021.18	119.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gmco 20g 40m 40o	0.30
880.00	go 40g 60o	10.70
0.00	880' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Job Ticket: 55604

DST#: 3

ATTN: Kitt Noah

Test Start: 2013.11.03 @ 01:01:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	gmco 20g 40m 40o	0.295
880.00	go 40g 60o	10.704
0.00	880' GIP	0.000

Total Length: 940.00 ft Total Volume: 10.999 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

