



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

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

**28-15s-34w-Logan/KS**

**Deanna 'E' #1-28**

Job Ticket: 45398

**DST#: 2**

Test Start: 2012.02.18 @ 13:12:00

## GENERAL INFORMATION:

Formation: **Altamont-A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:08:40

Time Test Ended: 20:44:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 37

**Interval: 4296.00 ft (KB) To 4350.00 ft (KB) (TVD)**

Reference Elevations: 3052.00 ft (KB)

Total Depth: 4350.00 ft (KB) (TVD)

3042.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8018**

**Inside**

Press @ Run Depth: 527.93 psig @ 4297.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.18

End Date:

2012.02.18

Last Calib.:

2012.02.18

Start Time: 13:12:02

End Time:

20:44:10

Time On Btm:

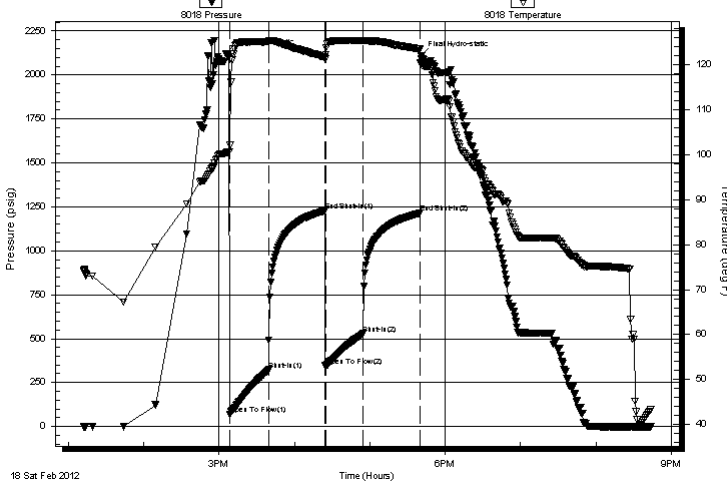
2012.02.18 @ 15:05:20

Time Off Btm:

2012.02.18 @ 17:41:00

**TEST COMMENT:** B.O.B. @ 4 min  
No return  
B.O.B. @ 5 1/2 min  
No return

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2121.03	100.50	Initial Hydro-static
4	69.34	102.12	Open To Flow (1)
34	322.61	125.25	Shut-In(1)
79	1227.32	121.70	End Shut-In(1)
80	343.44	122.32	Open To Flow (2)
110	527.93	125.38	Shut-In(2)
155	1213.70	123.55	End Shut-In(2)
156	2112.39	120.54	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW.:147 @ 62 Degrees F = 62000 PFM	0.00
60.00	MW 10m 90 Oil spots in tool.	0.30
794.00	W 100w	10.86
275.00	MCW 40m 60w	3.86

## Gas Rates

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

\* Recovery from multiple tests





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**FLUID SUMMARY**

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**Deanna 'E' #1-28**

Job Ticket: 45398

**DST#: 2**

ATTN: Kitt Noah

Test Start: 2012.02.18 @ 13:12:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

62000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	RW: .147 @ 62 Degrees F = 62000 PPM	0.000
60.00	MW 10m 90 Oil spots in tool.	0.295
794.00	W 100w	10.864
275.00	MCW 40m 60w	3.858

Total Length: 1129.00 ft

Total Volume: 15.017 bbl

Num Fluid Samples: 0

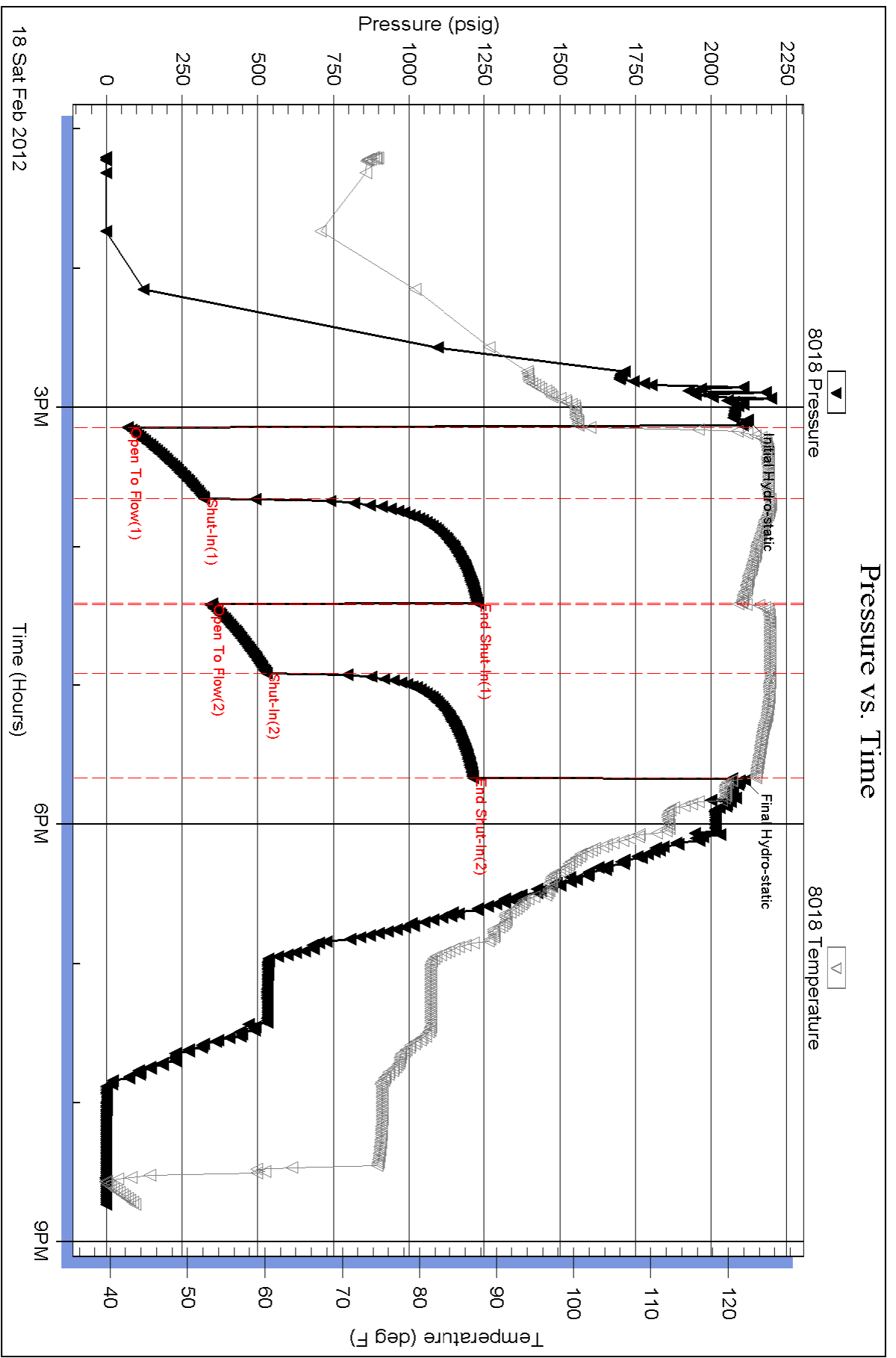
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 6751

Outside Russell Oil, Inc.

Deanna 'E #1-28

DST Test Number: 2

