



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Russell Oil Co.

**Anderson 1-31**

POB 3050  
Edmond, OK 73083

**S31-10s-34w Thomas,KS**

ATTN: Steve Murphy

Job Ticket: 43125

**DST#: 5**

Test Start: 2011.05.10 @ 12:39:00

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:48:00

Time Test Ended: 20:56:30

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

**Interval: 4716.00 ft (KB) To 4770.00 ft (KB) (TVD)**

Reference Elevations: 3296.00 ft (KB)

Total Depth: 4770.00 ft (KB) (TVD)

3286.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 6751 Outside**

Press @ Run Depth: 211.11 psig @ 4718.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.10 End Date: 2011.05.10

Last Calib.: 2011.05.10

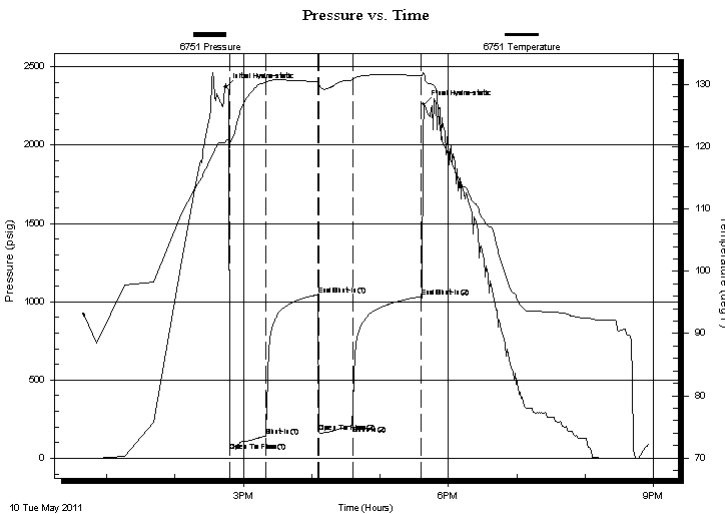
Start Time: 12:39:05 End Time: 20:56:29

Time On Btm: 2011.05.10 @ 14:44:30

Time Off Btm: 2011.05.10 @ 17:38:09

**TEST COMMENT:** IF: bottom of bucket @ 6 min  
IS: 9 inch return  
FF: bottom of bucket @ 14 min  
FS: 9 inch return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2369.41	120.91	Initial Hydro-static
4	48.49	119.82	Open To Flow (1)
35	142.70	130.30	Shut-In(1)
81	1044.41	130.50	End Shut-In(1)
82	166.45	130.18	Open To Flow (2)
112	211.11	130.74	Shut-In(2)
172	1032.62	131.51	End Shut-In(2)
174	2261.09	131.81	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOCM 10g 40m 50o	0.59
540.00	GO 20g 80o	6.45
0.00	180 Feet weak GIP	0.00

## Gas Rates

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



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## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 22 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 61.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 5800.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GOCM 10g 40m 50o	0.590
540.00	GO 20g 80o	6.454
0.00	180 Feet weak GIP	0.000

Total Length: 660.00 ft      Total Volume: 7.044 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: API 24 @ 80 Degrees F= 22.

