



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

6-16s -34w Scott, KS
Carson Edwards #1
Job Ticket: 54661 **DST#: 4**
Test Start: 2013.11.11 @ 07:35:54

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 10:00:24
Time Test Ended: 14:50:39
Interval: **4666.00 ft (KB) To 4690.00 ft (KB) (TVD)**
Total Depth: 4690.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Shane McBride
Unit No: 55
Reference Elevations: 3150.00 ft (KB)
3139.00 ft (CF)
KB to GR/CF: 11.00 ft

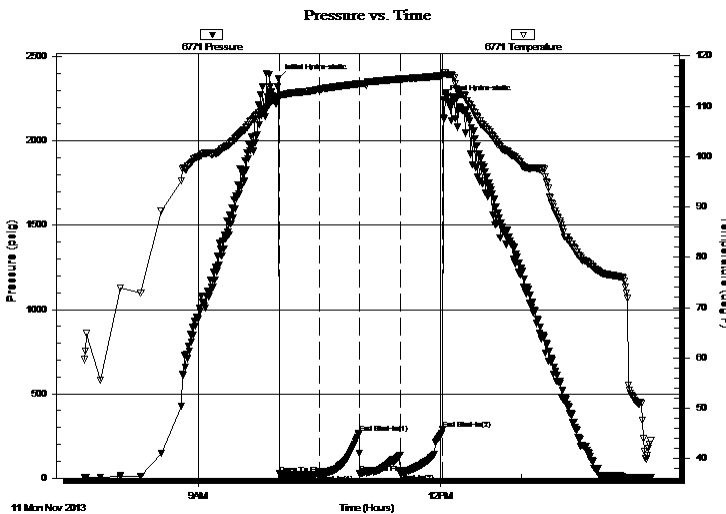
Serial #: 6771

Inside

Press @ Run Depth: 29.92 psig @ 4667.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.11.11 End Date: 2013.11.11 Last Calib.: 2013.11.11
Start Time: 07:35:54 End Time: 14:35:39 Time On Btm: 2013.11.11 @ 09:59:39
Time Off Btm: 2013.11.11 @ 12:02:09

TEST COMMENT: 1/8" blow died in 12 min.
No return
No blow, flush tool after 5 min., good surge, no blow
No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2368.56	111.91	Initial Hydro-static
1	24.64	111.88	Open To Flow (1)
31	22.95	113.36	Shut-In(1)
60	267.84	114.48	End Shut-In(1)
61	27.72	114.45	Open To Flow (2)
91	29.92	115.39	Shut-In(2)
122	287.32	116.07	End Shut-In(2)
123	2244.64	116.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud oil spots in tool	0.01

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: 54661

DST#: 4

ATTN: Kitt Noah

Test Start: 2013.11.11 @ 07:35:54

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	mud oil spots in tool	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

