



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

S35-10s-34w Thomas, KS

Hazel Russell #1-35

Job Ticket: 50061

DST#: 2

Test Start: 2012.08.25 @ 09:50:01

GENERAL INFORMATION:

Formation: **LKC 'K'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:15:11
 Time Test Ended: 19:44:01
 Interval: **4388.00 ft (KB) To 4417.00 ft (KB) (TVD)**
 Total Depth: 4417.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 3240.00 ft (KB)
 3229.00 ft (CF)
 KB to GR/CF: 11.00 ft

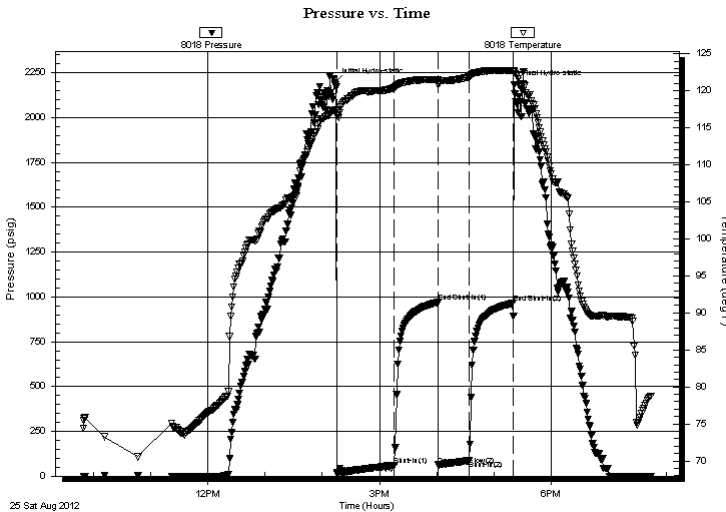
Serial #: 8018

Inside

Press @ Run Depth: 86.48 psig @ 4389.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.25 End Date: 2012.08.25 Last Calib.: 2012.08.25
 Start Time: 09:50:03 End Time: 19:44:01 Time On Btm: 2012.08.25 @ 14:13:01
 Time Off Btm: 2012.08.25 @ 17:20:51

TEST COMMENT: 2 1/2" Blow .
 No return.
 No blow .
 No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2194.28	117.39	Initial Hydro-static
3	15.58	116.62	Open To Flow (1)
63	61.02	120.39	Shut-In(1)
108	969.00	121.47	End Shut-In(1)
108	62.77	120.84	Open To Flow (2)
141	86.48	121.88	Shut-In(2)
187	964.64	122.71	End Shut-In(2)
188	2182.39	122.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	API: 143 @ 71 Degrees F = 54000 PPM	0.00
62.00	MW 35m 65w	0.30
62.00	OSMW 25m 75w	0.30
30.00	OCM 3o 97m	0.15

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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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:	54000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	API: 143 @ 71 Degrees F = 54000 PPM	0.000
62.00	MW 35m 65w	0.305
62.00	OSMW 25m 75w	0.305
30.00	OCM 3o 97m	0.148

Total Length: 154.00 ft Total Volume: 0.758 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

