



**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: 50060

DST#: 1

Test Start: 2012.08.24 @ 15:05:00

GENERAL INFORMATION:

Formation: **LKC 'I-J'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:31:40

Time Test Ended: 23:10:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

Interval: 4340.00 ft (KB) To 4393.00 ft (KB) (TVD)

Reference Elevations: 3240.00 ft (KB)

Total Depth: 4393.00 ft (KB) (TVD)

3229.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 56.85 psig @ 4344.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.24

End Date:

2012.08.24

Last Calib.:

2012.08.24

Start Time: 15:05:02

End Time:

23:10:20

Time On Btm:

2012.08.24 @ 18:30:10

Time Off Btm:

2012.08.24 @ 20:34:20

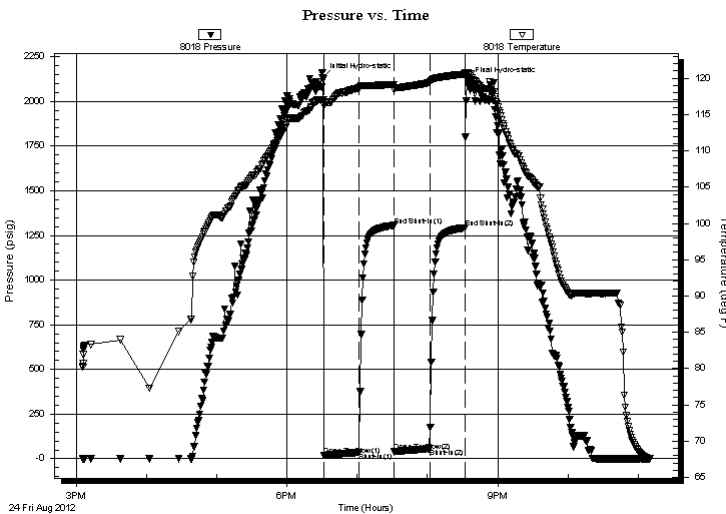
TEST COMMENT: 1/4" Blow throughout.

No return.

No blow.

No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2132.75	117.03	Initial Hydro-static
2	19.68	116.20	Open To Flow (1)
32	36.79	118.63	Shut-In(1)
62	1305.91	119.16	End Shut-In(1)
62	40.22	118.45	Open To Flow (2)
92	56.85	119.40	Shut-In(2)
123	1293.42	120.56	End Shut-In(2)
125	2113.05	120.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	API: @ Degrees F = PPM	0.00
60.00	M 100m	0.30
10.00	OSM 100m	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

S35-10s-34w Thomas, KS

POB 8050
Edmond, OK 73083

Hazel Russell #1-35

Job Ticket: 50060 **DST#: 1**

ATTN: Kitt Noah

Test Start: 2012.08.24 @ 15:05:00

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:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	API: @ Degrees F = PPM	0.000
60.00	M 100m	0.295
10.00	OSM 100m	0.049

Total Length: 70.00 ft Total Volume: 0.344 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW: @ Degrees F

