

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

27-15s-35w
Dirks "A" #27-1
 Job Ticket: 55808 **DST#: 2**
 Test Start: 2013.11.02 @ 06:46:00

GENERAL INFORMATION:

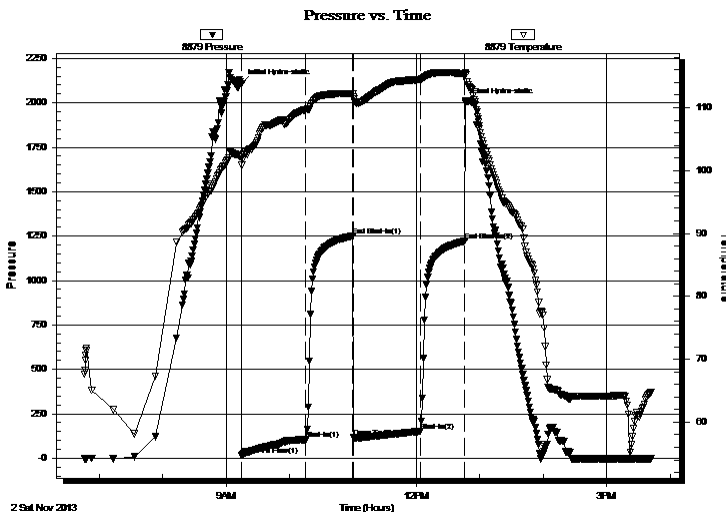
Formation: **Alt. "B"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:15:00
 Time Test Ended: 15:42:15
 Interval: **4346.00 ft (KB) To 4369.00 ft (KB) (TVD)**
 Total Depth: 4369.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Royal Fisher
 Unit No: #44
 Reference Elevations: 3131.00 ft (KB)
 3123.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8879

Press @ Run Depth: 151.30 psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.11.02 End Date: 2013.11.02 Last Calib.: 2013.11.02
 Start Time: 06:46:05 End Time: 15:42:15 Time On Btm: 2013.11.02 @ 09:14:45
 Time Off Btm: 2013.11.02 @ 12:46:15

TEST COMMENT: 60 - IF - Surface blow built to bottom of bucket in 35 min.
 45 - ISI - Weak surface blow in 10 min. died to faint blow
 60 - FF - Surface blow built to bottom of bucket in 25 min.
 45 - FSI - Weak surface blow in 5 min. built to 1"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2109.70	102.12	Initial Hydro-static
1	18.19	100.85	Open To Flow (1)
61	104.99	109.71	Shut-In(1)
105	1251.09	112.20	End Shut-In(1)
106	116.69	111.66	Open To Flow (2)
169	151.30	114.46	Shut-In(2)
211	1221.62	115.32	End Shut-In(2)
212	1998.21	115.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCO - 25M - 30G - 45o	0.59
258.00	GO - 10G - 90o	2.53
0.00	504 - GIP	0.00

Gas Rates

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



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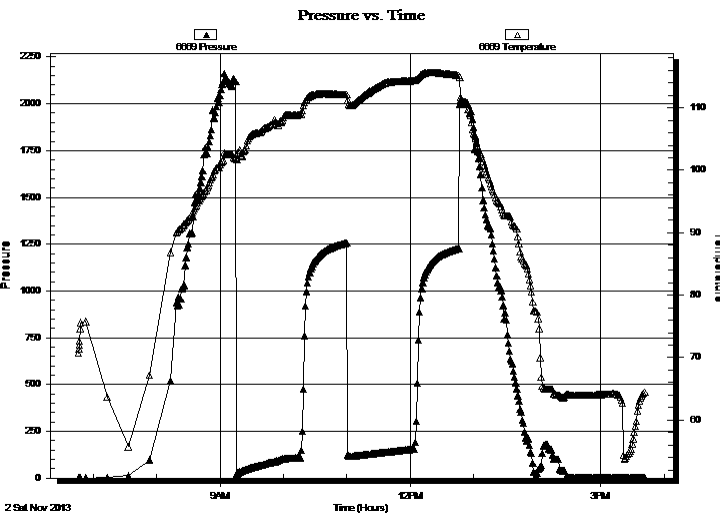
GENERAL INFORMATION:

Formation:	Alt. "B"			
Deviated:	No	Whipstock:		ft (KB)
Time Tool Opened:	09:15:00			Test Type: Conventional Bottom Hole (Initial)
Time Test Ended:	15:42:15			Tester: Royal Fisher
				Unit No: #44
Interval:	4346.00 ft (KB) To	4369.00 ft (KB) (TVD)		Reference Elevations: 3131.00 ft (KB)
Total Depth:	4369.00 ft (KB) (TVD)			3123.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition: Good		KB to GR/CF: 8.00 ft

Serial #: 6669

Press @ Run Depth:		psig @		ft (KB)	Capacity:	8000.00 psig
Start Date:	2013.11.02	End Date:	2013.11.02	Last Calib.:	2013.11.02	
Start Time:	06:46:05	End Time:	15:42:30	Time On Btm:		
				Time Off Btm:		

TEST COMMENT: 60 - IF - Surface blow built to bottom of bucket in 35 min.
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PRESSURE SUMMARY

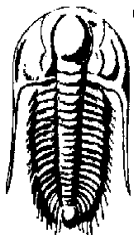
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCO - 25M - 30G - 45o	0.59
258.00	GO - 10G - 90o	2.53
0.00	504 - GIP	0.00

Gas Rates

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



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FLUID SUMMARY

Russell Oil Inc.

27-15s-35w

P.O. Box 8050
Edmond OK, 73083

Dirks "A" #27-1

Job Ticket: 55808

DST#: 2

ATTN: Kitt Noah

Test Start: 2013.11.02 @ 06:46:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MCO - 25M - 30G - 45o	0.590
258.00	GO - 10G - 90o	2.526
0.00	504 - GIP	0.000

Total Length: 378.00 ft

Total Volume: 3.116 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

