



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

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

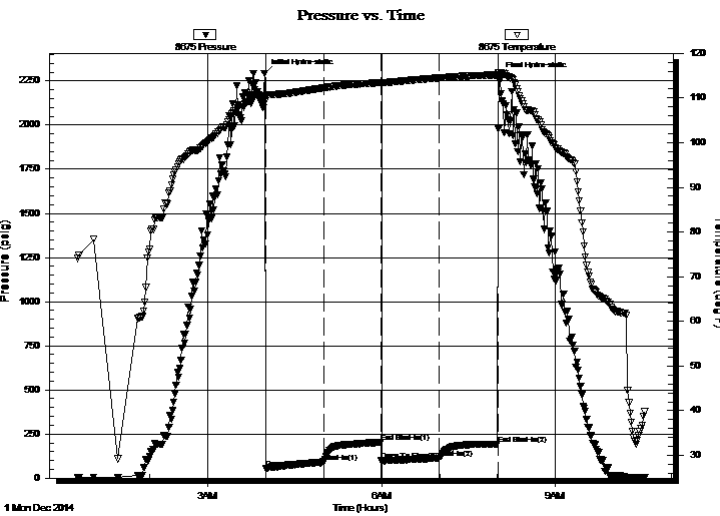
**6-16s-34w Scott,KS**  
**Edwards Trust G 6-1**  
 Job Ticket: 58506 **DST#: 1**  
 Test Start: 2014.12.01 @ 00:45:00

## GENERAL INFORMATION:

Formation: **Mar, Altamont 'B'**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 03:59:45 Tester: Jace McKinney  
 Time Test Ended: 10:32:30 Unit No: 75  
 Interval: **4394.00 ft (KB) To 4420.00 ft (KB) (TVD)** Reference Elevations: 3084.00 ft (KB)  
 Total Depth: 4420.00 ft (KB) (TVD) 3073.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 11.00 ft

**Serial #: 8675 Inside**  
 Press@RunDepth: 112.87 psig @ 4417.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.12.01 End Date: 2014.12.01 Last Calib.: 2014.12.01  
 Start Time: 00:45:15 End Time: 10:32:30 Time On Btm: 2014.12.01 @ 03:58:30  
 Time Off Btm: 2014.12.01 @ 08:02:00

**TEST COMMENT:** Built to 8" blow  
 Bled off for 5 min, No return blow  
 Built to 3" blow .  
 Bled off for 5 min, No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2291.26	110.60	Initial Hydro-static
2	56.23	109.43	Open To Flow (1)
62	91.58	112.26	Shut-In(1)
121	202.95	113.43	End Shut-In(1)
121	102.65	113.39	Open To Flow (2)
181	112.87	114.49	Shut-In(2)
242	191.62	115.17	End Shut-In(2)
244	2274.40	115.73	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	251 Feet Gas In Pipe	0.00
122.00	gco 20%G 80%O	0.60
92.00	gcom 10%G 30%O 60%M	0.45

## 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  
Mud Weight: 9.00 lb/gal  
Viscosity: 59.00 sec/qt  
Water Loss: 9.59 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 4500.00 ppm  
Filter Cake: 1.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 33 deg API  
Water Salinity: ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	251 Feet Gas In Pipe	0.000
122.00	gco 20%G 80%O	0.600
92.00	gcom 10%G 30%O 60%M	0.452

Total Length: 214.00 ft      Total Volume: 1.052 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 30 @ 30 F = 33

