



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

31-15-14 Russell, Ks
Betty Radke "A" 1R
Job Ticket: 47134 **DST#: 5**
Test Start: 2012.05.29 @ 08:01:27

GENERAL INFORMATION:

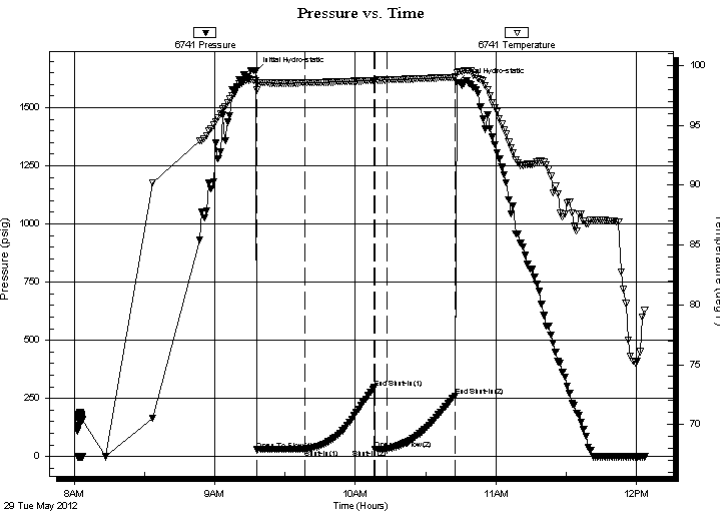
Formation: **Lansing H-J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:17:57
Time Test Ended: 12:03:57
Interval: **3264.00 ft (KB) To 3322.00 ft (KB) (TVD)**
Total Depth: 3322.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 1916.00 ft (KB)
1907.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6741

Outside

Press @ Run Depth: 32.05 psig @ 3268.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.05.29 End Date: 2012.05.29 Last Calib.: 2012.05.29
Start Time: 08:01:28 End Time: 12:03:57 Time On Btm: 2012.05.29 @ 09:17:27
Time Off Btm: 2012.05.29 @ 10:43:27

TEST COMMENT: 20-- weak blow died in 15 minutes
30-
5- no blow
30-



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1656.87	98.77	Initial Hydro-static
1	29.33	97.95	Open To Flow (1)
21	31.52	98.56	Shut-In(1)
51	296.48	98.76	End Shut-In(1)
51	31.76	98.75	Open To Flow (2)
56	32.05	98.80	Shut-In(2)
85	259.40	99.03	End Shut-In(2)
86	1608.99	99.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud w ith oil speck in tool	0.07

* 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:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud w ith oil speck in tool	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

