



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: 47153 **DST#: 6**
 Test Start: 2012.05.29 @ 22:15:44

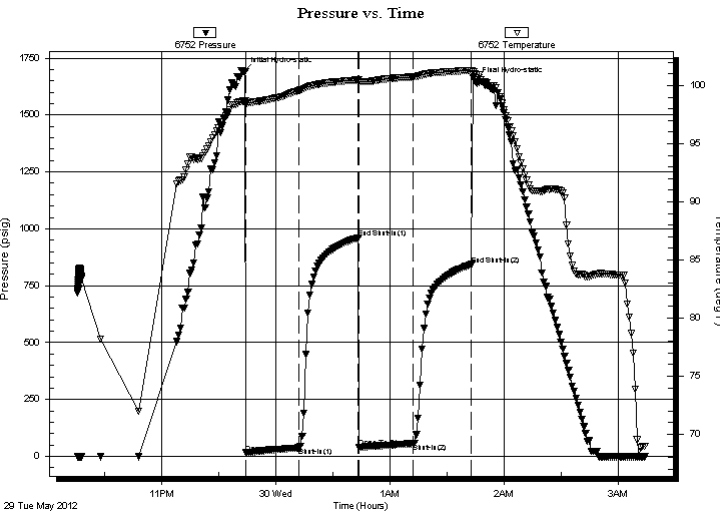
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:44:14
 Time Test Ended: 03:14:14
Interval: 3365.00 ft (KB) To 3377.00 ft (KB) (TVD)
 Total Depth: 3377.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brian Fairbank
 Unit No: 41
 Reference Elevations: 1916.00 ft (KB)
 1907.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 6752 Inside

Press @ Run Depth: 56.46 psig @ 3369.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.29 End Date: 2012.05.30 Last Calib.: 2012.05.30
 Start Time: 22:15:45 End Time: 03:14:14 Time On Btm: 2012.05.29 @ 23:43:14
 Time Off Btm: 2012.05.30 @ 01:44:44

TEST COMMENT: IFP - BOB 30 min
 ISI - no blow back
 FFP - weak to good blow sur - 7 1/5"
 FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1690.19	98.66	Initial Hydro-static
1	16.01	98.48	Open To Flow (1)
29	37.90	99.59	Shut-In(1)
60	961.41	100.50	End Shut-In(1)
61	40.20	100.32	Open To Flow (2)
89	56.46	100.76	Shut-In(2)
120	843.66	101.31	End Shut-In(2)
122	1646.23	101.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	HOCM 40%O, 60%M	0.42
85.00	FREE OIL 95%O, 5%M	1.19
0.00	60' GIP	0.00

* 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: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 13.19 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 11000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	HOCM 40%O, 60%M	0.421
85.00	FREE OIL 95%O, 5%M	1.192
0.00	60' GIP	0.000

Total Length: 115.00 ft Total Volume: 1.613 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6752

Inside

Russell Oil

Betty Radke "A" 1R

DST Test Number: 6

Pressure vs. Time

