



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Russell Oil
 Po Box 8050
 Edmond Ok 73083
 ATTN: Kitt Noah

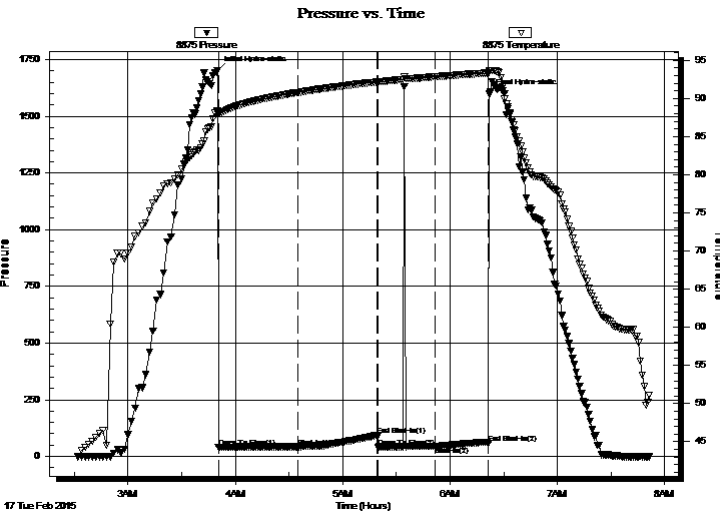
16-16s-14w-Barton
Charles 1-16
 Job Ticket: 62119 **DST#: 3**
 Test Start: 2015.02.17 @ 02:31:00

GENERAL INFORMATION:

Formation: **Lansing J-L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:50:30
 Time Test Ended: 07:52:00
 Interval: **3342.00 ft (KB) To 3392.00 ft (KB) (TVD)**
 Total Depth: 3392.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 59-Great Bend-50
 Reference Elevations: 1954.00 ft (KB)
 1945.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8875 Outside
 Press@RunDepth: 43.32 psig @ 3387.28 ft (KB) Capacity: 5000.00 psig
 Start Date: 2015.02.17 End Date: 2015.02.17 Last Calib.: 2015.02.17
 Start Time: 02:32:00 End Time: 07:52:00 Time On Btm: 2015.02.17 @ 03:50:00
 Time Off Btm: 2015.02.17 @ 06:22:00

TEST COMMENT: 1st Open 45 min Weak building blow built to 1.5 inches.
 1st Shut in 45 min No blow back.
 2nd Open 30 min Dead Flushed tool no help.
 2nd Shut in 30 min No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1701.89	88.34	Initial Hydro-static
1	41.08	88.04	Open To Flow (1)
45	42.18	90.79	Shut-In(1)
89	93.70	92.16	End Shut-In(1)
90	42.06	92.17	Open To Flow (2)
122	43.32	92.84	Shut-In(2)
152	59.23	93.34	End Shut-In(2)
152	1598.27	93.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100%	0.14

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: 64.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7800.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100%	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

