



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

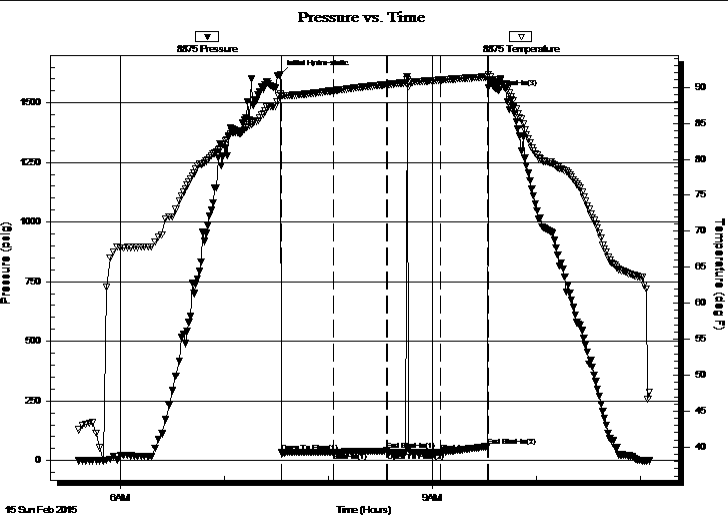
16-16s-14w-Barton
Charles 1-16
 Job Ticket: 62117 **DST#: 1**
 Test Start: 2015.02.15 @ 05:35:00

GENERAL INFORMATION:

Formation: **Lansing E-F**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:33:00
 Time Test Ended: 11:06:00
 Interval: **3239.00 ft (KB) To 3272.00 ft (KB) (TVD)**
 Total Depth: 3272.00 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 Inside
 Press @ Run Depth: 35.09 psig @ 3264.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2015.02.15 End Date: 2015.02.15 Last Calib.: 2015.02.16
 Start Time: 05:36:00 End Time: 11:06:00 Time On Btm: 2015.02.15 @ 07:32:30
 Time Off Btm:

TEST COMMENT: 1st Open 30 min Very weak surface blow.
 1st Shut in 30 min No blow back.
 2nd Open 30 min Dead-Flushed tool weak blow died off.
 2nd Shut in 30 min No blow back.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1619.14	89.08	Initial Hydro-static
1	32.81	88.83	Open To Flow (1)
31	33.75	89.53	Shut-In(1)
61	41.58	90.38	End Shut-In(1)
62	33.93	90.39	Open To Flow (2)
92	35.09	91.00	Shut-In(2)
120	59.16	91.44	End Shut-In(2)
120	1565.03	91.79	End Shut-In(3)

Recovery		
Length (ft)	Description	Volume (bbl)
12.00	Mud 100%	0.17

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: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
12.00	Mud 100%	0.168

Total Length: 12.00 ft Total Volume: 0.168 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

