



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil
 202 West Main St
 Salem, IL
 62881
 ATTN: Steve Davis

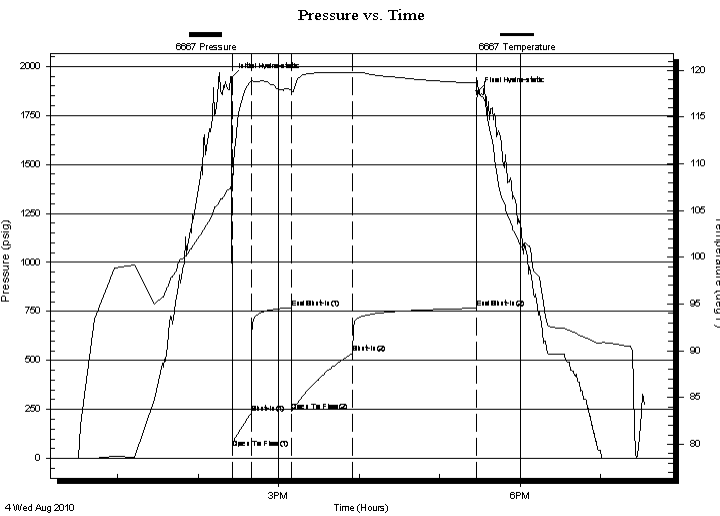
Ottley #6-15
15-14s-32w Logan, Ks
 Job Ticket: 039613 **DST#: 4**
 Test Start: 2010.08.04 @ 12:30:49

GENERAL INFORMATION:

Formation: **I**
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
 Time Tool Opened: **14:25:19** Tester: **Shane McBride**
 Time Test Ended: **19:55:04** Unit No: **40**
Interval: 3935.00 ft (KB) To 3964.00 ft (KB) (TVD) Reference Elevations: **2739.00 ft (KB)**
 Total Depth: **3964.00 ft (KB) (TVD)** **2729.00 ft (CF)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **10.00 ft**

Serial #: 6667 **Inside**
 Press@RunDepth: **538.03 psig @ 3936.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2010.08.04** End Date: **2010.08.04** Last Calib.: **2010.08.04**
 Start Time: **12:30:49** End Time: **19:33:04** Time On Btm: **2010.08.04 @ 14:25:04**
 Time Off Btm: **2010.08.04 @ 17:28:04**

TEST COMMENT: B.O.B. in 4 min.
 No return
 B.O.B. in 6 min.
 No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1941.04	107.88	Initial Hydro-static
1	52.91	107.54	Open To Flow (1)
15	230.97	118.86	Shut-In(1)
45	769.51	117.91	End Shut-In(1)
45	240.84	117.66	Open To Flow (2)
91	538.03	119.72	Shut-In(2)
183	766.26	118.64	End Shut-In(2)
183	1871.94	118.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
992.00	water 100%w	12.83
124.00	m c w 30% m 70% w	1.74

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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FLUID SUMMARY

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Job Ticket: 039613

DST#: 4

Test Start: 2010.08.04 @ 12:30:49

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

40000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
992.00	water 100%w	12.831
124.00	m c w 30% m 70%w	1.739

Total Length: 1116.00 ft Total Volume: 14.570 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rfw .125 @ 97*f=40,000 chlor

