



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

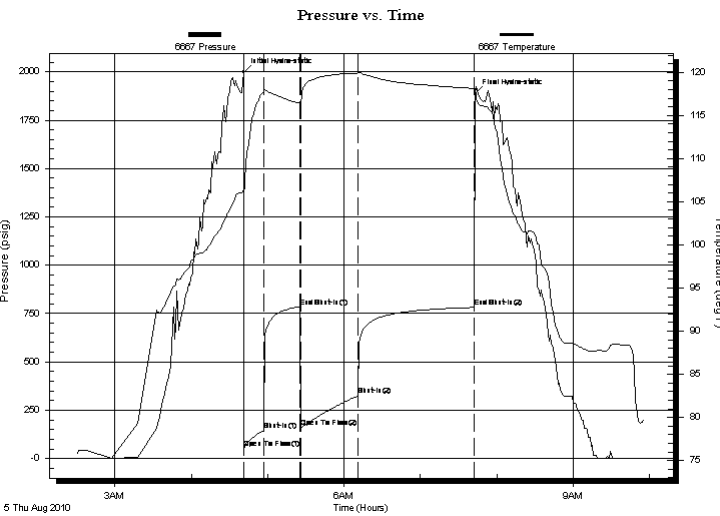
Ottley #6-15
15-14s-32w Logan, Ks
Job Ticket: 039614 **DST#: 5**
Test Start: 2010.08.05 @ 02:30:53

GENERAL INFORMATION:

Formation: **J**
Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
Time Tool Opened: 04:41:08 Tester: **Shane McBride**
Time Test Ended: 10:20:38 Unit No: **40**
Interval: 3966.00 ft (KB) To 3986.00 ft (KB) (TVD) Reference Elevations: **2739.00 ft (KB)**
Total Depth: **3986.00 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 @ Run Depth: **326.44 psig @ 3967.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2010.08.05** End Date: **2010.08.05** Last Calib.: **2010.08.05**
Start Time: **02:30:53** End Time: **09:56:38** Time On Btm: **2010.08.05 @ 04:40:53**
Time Off Btm: **2010.08.05 @ 07:42:53**

TEST COMMENT: B.O.B. in 11 min.
No return
B.O.B. in 16 min
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1997.13	106.43	Initial Hydro-static
1	55.40	105.28	Open To Flow (1)
16	148.26	117.77	Shut-In(1)
45	785.67	116.43	End Shut-In(1)
45	159.52	116.26	Open To Flow (2)
91	326.44	119.92	Shut-In(2)
182	781.68	118.13	End Shut-In(2)
182	1885.77	118.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
558.00	water 100%w	6.74
124.00	m c w 20% m 80%w	1.74

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: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 38500 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.38 in ³	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
558.00	water 100%w	6.743
124.00	m c w 20% m 80%w	1.739

Total Length: 682.00 ft Total Volume: 8.482 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: rw .159 @ 83*f = 38,500

Pressure vs. Time

