



**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: 039611 **DST#: 2**
Test Start: 2010.08.02 @ 23:20:45

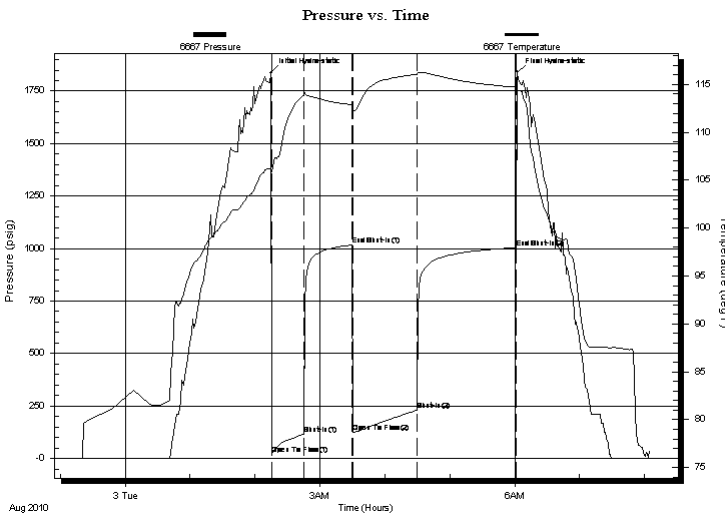
GENERAL INFORMATION:

Formation: **B-C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:15:15
Time Test Ended: 08:25:30
Interval: **3762.00 ft (KB) To 3810.00 ft (KB) (TVD)**
Total Depth: 3810.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 40
Reference Elevations: 2739.00 ft (KB)
2729.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6667 Inside
Press @ Run Depth: 231.20 psig @ 3763.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.08.02 End Date: 2010.08.03 Last Calib.: 2010.08.03
Start Time: 23:20:45 End Time: 08:05:30 Time On Btm: 2010.08.03 @ 02:15:00
Time Off Btm: 2010.08.03 @ 06:02:45

TEST COMMENT: B.O.B. in 30 min.
No return
B.O.B. in 34 min.
No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1836.80	106.26	Initial Hydro-static
1	19.79	105.85	Open To Flow (1)
30	116.82	113.85	Shut-In(1)
75	1016.81	112.87	End Shut-In(1)
76	122.73	112.50	Open To Flow (2)
135	231.20	116.06	Shut-In(2)
227	1004.50	114.73	End Shut-In(2)
228	1838.99	114.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mc w 30% m 70% w	0.66
372.00	water 100% w	5.22

Gas Rates

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



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FLUID SUMMARY

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DST#: 2

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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:

31500 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	m c w 30% m 70% w	0.655
372.00	water 100% w	5.218

Total Length: 496.00 ft Total Volume: 5.873 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .204 @ 73*f= 31,500 chlor

