



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil

**Ottley #5-15**

202 W. Main  
Salem, IL 62881

**S15-14-32 Logan, KS**

ATTN: Steve Davis

Job Ticket: 35330

**DST#: 2**

Test Start: 2009.10.06 @ 09:10:00

## GENERAL INFORMATION:

Formation: **LKC 'H'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:53:15

Time Test Ended: 15:39:30

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

**Interval: 3901.00 ft (KB) To 3940.00 ft (KB) (TVD)**

Reference Elevations: 2752.00 ft (KB)

Total Depth: 3940.00 ft (KB) (TVD)

2742.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8351**

**Inside**

Press @ Run Depth: 175.12 psig @ 3906.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2009.10.06

End Date:

2009.10.06

Last Calib.:

2009.10.06

Start Time: 09:10:01

End Time:

15:39:30

Time On Btm:

2009.10.06 @ 10:51:30

Time Off Btm:

2009.10.06 @ 13:42:30

## TEST COMMENT:

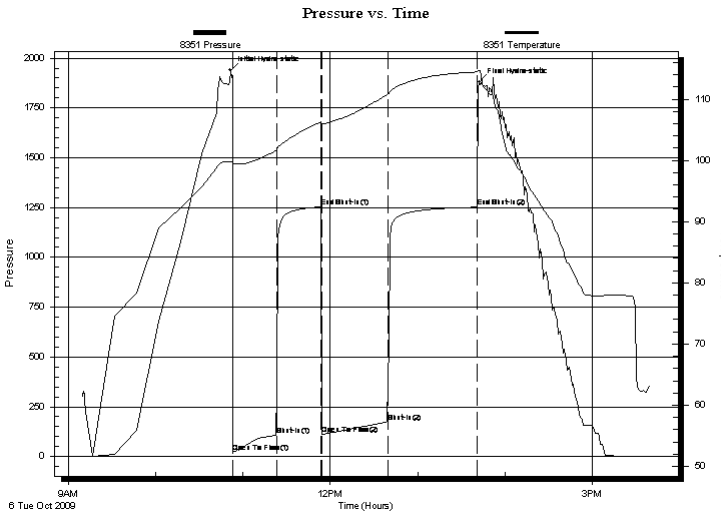
IF: 9" Blow.

IS: No return.

FF: 11" Blow.

FS: Weak surface return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1938.33	99.81	Initial Hydro-static
2	20.08	99.22	Open To Flow (1)
32	108.39	101.65	Shut-In(1)
62	1253.40	106.26	End Shut-In(1)
63	111.13	105.96	Open To Flow (2)
108	175.12	110.75	Shut-In(2)
170	1251.94	114.47	End Shut-In(2)
171	1879.50	114.69	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
124.00	MW 10%M 90%W	0.61
121.00	OSMW 45%M 55%W	1.70
30.00	OSWM 30%W 70%M	0.42
0.00	RW: .145 @ 64 Degrees F = 52000 chlori	0.00

## Gas Rates

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



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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:

52000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	MW 10%M 90%W	0.610
121.00	OSMW 45%M 55%W	1.697
30.00	OSWM 30%W 70%M	0.421
0.00	RW: .145 @ 64 Degrees F = 52000 chloride	0.000

Total Length: 275.00 ft

Total Volume: 2.728 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

