



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

**Peterson 1-8**

202 W Main St.  
Salem, IL 62881

**8-13-31**

Job Ticket: 43415

**DST#: 3**

ATTN: Rich Bell

Test Start: 2011.06.25 @ 21:16:55

## GENERAL INFORMATION:

Formation: **LKC "H-J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:19:55

Time Test Ended: 03:59:25

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

**Interval: 4096.00 ft (KB) To 4180.00 ft (KB) (TVD)**

Total Depth: 4180.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2970.00 ft (KB)

2965.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8734 Outside**

Press @ Run Depth: 146.70 psig @ 4099.00 ft (KB)

Start Date: 2011.06.25

End Date:

2011.06.26

Start Time: 21:16:56

End Time:

03:59:25

Capacity: 8000.00 psig

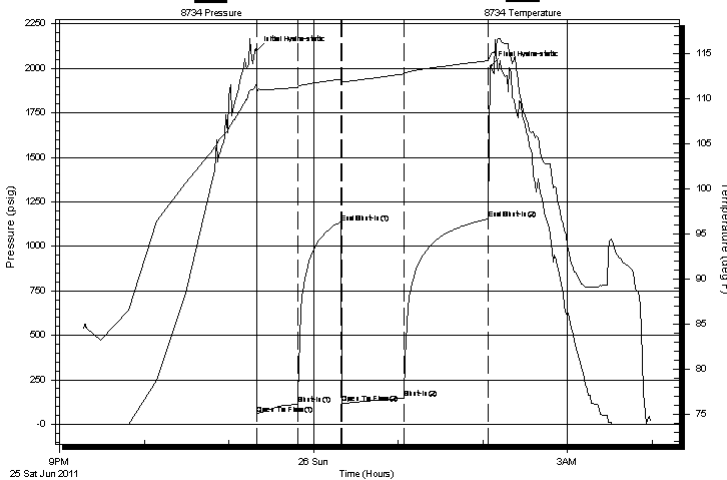
Last Calib.: 2011.06.26

Time On Btm: 2011.06.25 @ 23:19:25

Time Off Btm: 2011.06.26 @ 02:05:55

**TEST COMMENT:** IFP - weak to good blow 1/2" - 6"  
ISI - no blow back  
FFP - no blow 3 min - 5"  
FSI - no blow back

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2102.57	111.52	Initial Hydro-static
1	53.27	110.63	Open To Flow (1)
29	112.06	111.25	Shut-In(1)
60	1132.82	112.13	End Shut-In(1)
61	116.87	111.89	Open To Flow (2)
105	146.70	112.73	Shut-In(2)
165	1153.32	114.20	End Shut-In(2)
167	2015.87	115.02	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
129.00	MW 50%W, 50%M	0.68
60.00	DRL MUD 100%	0.84
1.00	FREE OIL TSTM	0.01

## 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:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

42000 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
129.00	MW 50%W, 50%M	0.680
60.00	DRL MUD 100%	0.842
1.00	FREE OIL TSTM	0.014

Total Length: 190.00 ft

Total Volume: 1.536 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

