



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

Peterson 1-8

202 W Main St.
Salem, IL 62881

8-13-31

ATTN: Rich Bell

Job Ticket: 43416

DST#: 4

Test Start: 2011.06.26 @ 13:35:59

GENERAL INFORMATION:

Formation: **LKC "L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:10:29

Time Test Ended: 19:26:59

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: 4216.00 ft (KB) To 4256.00 ft (KB) (TVD)

Reference Elevations: 2970.00 ft (KB)

Total Depth: 4256.00 ft (KB) (TVD)

2965.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8734 Outside

Press @ Run Depth: 71.21 psig @ 4219.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.06.26

End Date:

2011.06.26

Last Calib.:

2011.06.26

Start Time: 13:36:00

End Time:

19:26:59

Time On Btm:

2011.06.26 @ 15:09:29

Time Off Btm:

2011.06.26 @ 17:55:59

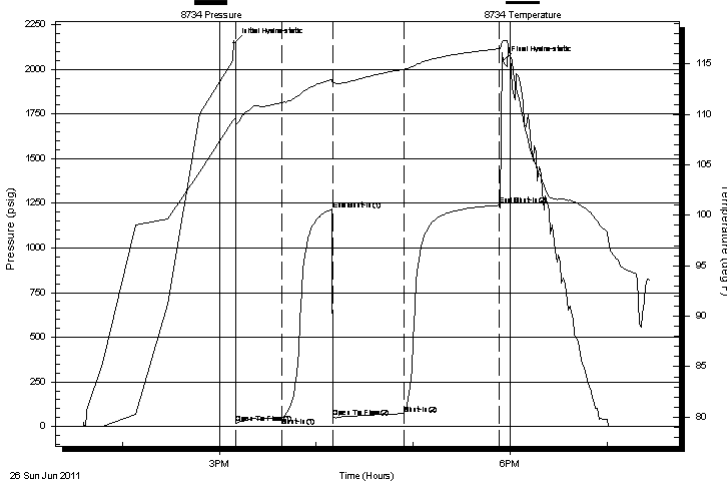
TEST COMMENT: IFP - weak to good blow sur - 6"

ISI - no blow back

FFP - BOB 15 min

FSI - sur blow back - died 8 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2148.90	109.54	Initial Hydro-static
1	16.65	109.08	Open To Flow (1)
29	49.50	111.17	Shut-In(1)
61	1215.87	113.48	End Shut-In(1)
61	50.68	113.09	Open To Flow (2)
105	71.21	114.47	Shut-In(2)
164	1239.19	116.50	End Shut-In(2)
167	2049.97	117.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 20%G, 20%O, 60%M	0.30
95.00	MCO 50%O, 50%M	0.75
0.00	300' GIP	0.00

Gas Rates

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



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FLUID SUMMARY

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DST#: 4

ATTN: Rich Bell

Test Start: 2011.06.26 @ 13:35:59

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:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	GOCM 20%G, 20%O, 60%M	0.295
95.00	MCO 50%O, 50%M	0.750
0.00	300' GIP	0.000

Total Length: 155.00 ft

Total Volume: 1.045 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

