



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

S19-13-30 Gove, KS

202 W. Main St.
Salem, IL 62881

Holiday #1-19

Job Ticket: 51278

DST#: 1

ATTN: Tim Priest

Test Start: 2013.02.04 @ 15:36:00

GENERAL INFORMATION:

Formation: **LKC 'I&J'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:50:00
 Time Test Ended: 22:03:20
 Interval: **4185.00 ft (KB) To 4140.00 ft (KB) (TVD)**
 Total Depth: 4140.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 2838.00 ft (KB)
 2828.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8018

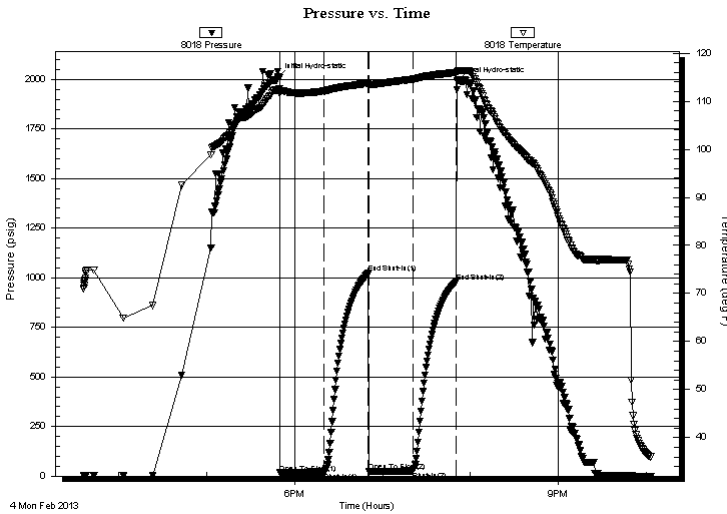
Inside

Press @ Run Depth: 26.10 psig @ 4086.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.02.04 End Date: 2013.02.04 Last Calib.: 2013.02.04
 Start Time: 15:36:02 End Time: 22:03:20 Time On Btm: 2013.02.04 @ 17:48:40
 Time Off Btm: 2013.02.04 @ 19:50:50

TEST COMMENT: 1/2" Blow .
 No return.
 No blow .
 No return.

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2010.21	112.09	Initial Hydro-static
2	16.62	111.53	Open To Flow (1)
31	21.50	112.09	Shut-In(1)
62	1022.69	113.73	End Shut-In(1)
62	22.54	113.22	Open To Flow (2)
92	26.10	114.57	Shut-In(2)
122	979.39	115.98	End Shut-In(2)
123	1991.05	116.22	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
30.00	M100m	0.15

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:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	M 100m	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

Inside

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DST Test Number: 1

