



**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

ATTN: Tim Priest

Job Ticket: 51280

DST#: 3

Test Start: 2013.02.07 @ 15:15:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:15:50

Time Test Ended: 21:26:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4450.00 ft (KB) To 4490.00 ft (KB) (TVD)

Reference Elevations: 2838.00 ft (KB)

Total Depth: 4490.00 ft (KB) (TVD)

2828.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8018 Inside

Press @ Run Depth: 19.25 psig @ 4451.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.02.07 End Date: 2013.02.07

Last Calib.: 2013.02.07

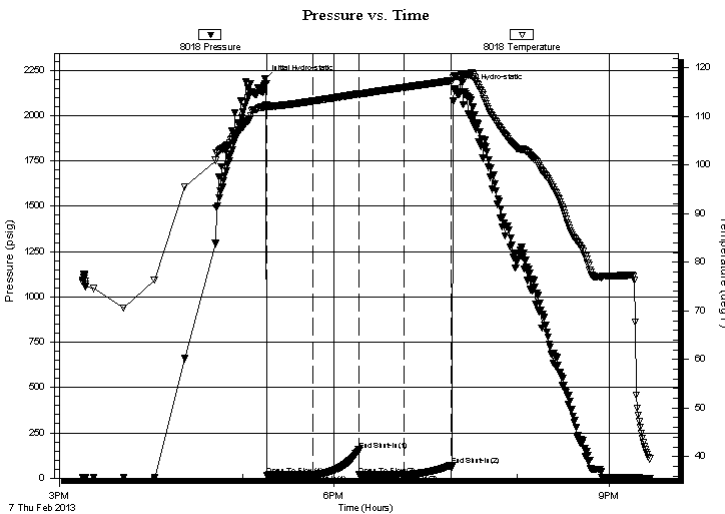
Start Time: 15:15:02 End Time: 21:26:50

Time On Btm: 2013.02.07 @ 17:14:20

Time Off Btm: 2013.02.07 @ 19:19:00

TEST COMMENT: Surface blow .
No return.
No blow .
No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2201.10	112.05	Initial Hydro-static
2	17.03	111.60	Open To Flow (1)
32	18.68	113.16	Shut-In(1)
62	155.82	114.68	End Shut-In(1)
62	18.58	114.58	Open To Flow (2)
92	19.25	115.99	Shut-In(2)
123	71.91	117.36	End Shut-In(2)
125	2147.87	118.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M 100m Oil spots in tool.	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

S19-13-30 Gove, KS

202 W. Main St.
Salem, IL 62881

Holiday #1-19

Job Ticket: 51280

DST#: 3

ATTN: Tim Priest

Test Start: 2013.02.07 @ 15:15:00

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: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M 100m Oil spots in tool.	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

