



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

27-16s-34w Scott, KS

202 W. Main St
Salem IL
62881
ATTN: Tim Priest

Stoll Comm 1-27

Job Ticket: 55508

DST#: 3

Test Start: 2013.10.01 @ 05:30:20

GENERAL INFORMATION:

Formation: **Marmaton B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:50:20

Time Test Ended: 12:18:35

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4472.00 ft (KB) To 4500.00 ft (KB) (TVD)

Reference Elevations: 3139.00 ft (KB)

Total Depth: 4500.00 ft (KB) (TVD)

3129.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8677 Inside

Press @ Run Depth: 22.17 psig @ 4473.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.01

End Date:

2013.10.01

Last Calib.: 2013.10.01

Start Time: 05:30:25

End Time:

12:18:34

Time On Btm: 2013.10.01 @ 07:50:05

Time Off Btm: 2013.10.01 @ 10:25:20

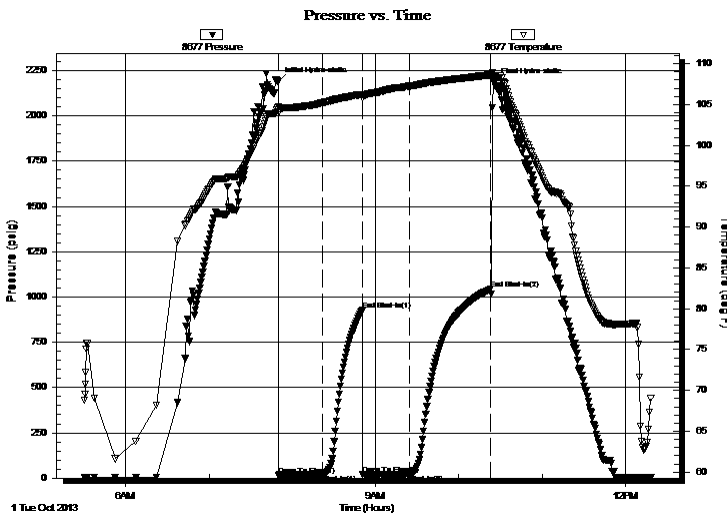
TEST COMMENT: IF: Surface blow .

IS: No return

FF: No blow .

FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2191.03	104.68	Initial Hydro-static
1	17.14	104.05	Open To Flow (1)
32	19.25	105.22	Shut-In(1)
61	927.33	106.27	End Shut-In(1)
61	20.04	105.86	Open To Flow (2)
95	22.17	107.25	Shut-In(2)
153	1043.79	108.64	End Shut-In(2)
156	2184.10	108.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	socm 2o 98m	0.10

Gas Rates

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

* Recovery from multiple tests



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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:

0 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	socm 2o 98m	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8677

Inside

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Stoll Comm 1-27

DST Test Number: 3

