



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Company, Inc.

9-16-13 Scott Co KS

202 West Main Street
Salem II 62881

Tucker 2-9

Job Ticket: 52919

DST#: 2

ATTN: Tim Priest

Test Start: 2013.09.17 @ 06:33:15

GENERAL INFORMATION:

Formation: **Marmaton A-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:29:00

Time Test Ended: 13:23:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4451.00 ft (KB) To 4500.00 ft (KB) (TVD)

Reference Elevations: 3144.00 ft (KB)

Total Depth: 4500.00 ft (KB) (TVD)

3139.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8846 Outside

Press @ Run Depth: 27.66 psig @ 4485.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.17

End Date:

2013.09.17

Last Calib.:

2013.09.17

Start Time:

06:33:15

End Time:

13:23:45

Time On Btm:

2013.09.17 @ 09:28:45

Time Off Btm:

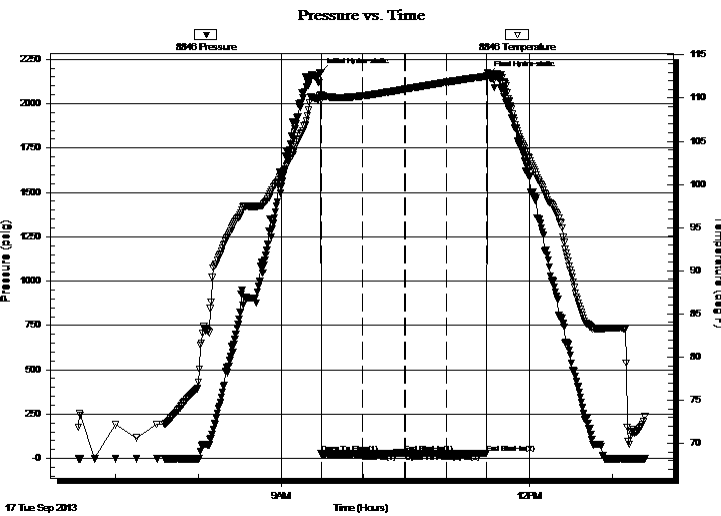
2013.09.17 @ 11:29:30

TEST COMMENT: IF:Weak surface blow died in 15 min.

IS:No return blow

FF:No blow

FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2174.45	110.41	Initial Hydro-static
1	26.65	109.87	Open To Flow (1)
31	27.54	110.25	Shut-In(1)
61	32.04	111.02	End Shut-In(1)
62	27.68	111.03	Open To Flow (2)
92	27.66	111.83	Shut-In(2)
121	29.61	112.53	End Shut-In(2)
121	2155.68	112.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud	0.02

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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ATTN: Tim Priest

Test Start: 2013.09.17 @ 06:33:15

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud	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:

Serial #: 8846

Outside Shakespeare Oil Company, Inc.

Tucker 2-9

DST Test Number: 2

