



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

S13-16-34 Scott, KS

202 W. Main St
Salem, IL 62881

Unruh 1-13

Job Ticket: 51768

DST#: 2

ATTN: Steve Davis

Test Start: 2013.06.27 @ 00:35:00

GENERAL INFORMATION:

Formation: **Marmaton A, B, C**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 02:43:00 Tester: Chuck Smith
 Time Test Ended: 06:39:50 Unit No: 62
 Interval: **4404.00 ft (KB) To 4515.00 ft (KB) (TVD)** Reference Elevations: 3113.00 ft (KB)
 Total Depth: 4515.00 ft (KB) (TVD) 3106.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 7.00 ft

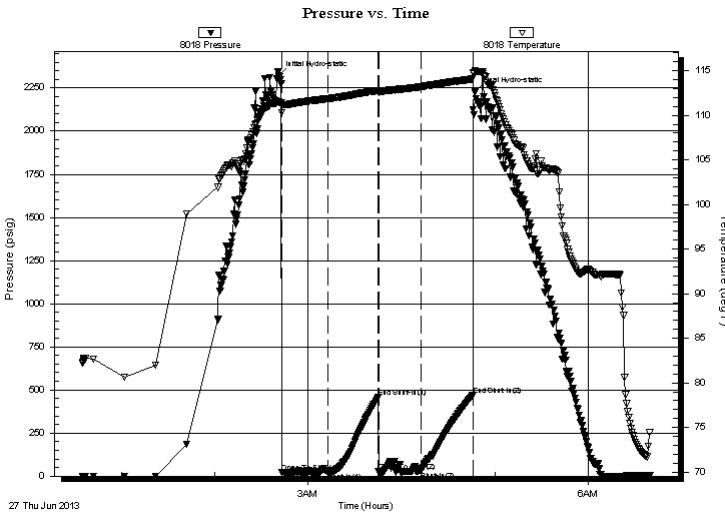
Serial #: 8018

Inside

Press @ Run Depth: 29.73 psig @ 4411.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.06.27 End Date: 2013.06.27 Last Calib.: 2013.06.27
 Start Time: 00:35:02 End Time: 06:39:50 Time On Btm: 2013.06.27 @ 02:41:10
 Time Off Btm: 2013.06.27 @ 04:47:00

TEST COMMENT: Surface blow died @ 25 min.
 No return.
 No blow.
 No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2320.23	111.46	Initial Hydro-static
2	22.04	110.27	Open To Flow (1)
32	23.67	111.85	Shut-In(1)
64	456.87	112.78	End Shut-In(1)
64	25.34	112.53	Open To Flow (2)
91	29.73	113.18	Shut-In(2)
125	469.82	114.07	End Shut-In(2)
126	2230.53	115.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	M 100m	0.05

* Recovery from multiple tests

Gas Rates

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



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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: 52.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	M 100m	0.049

Total Length: 10.00 ft Total Volume: 0.049 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: 2

