



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: 51279

DST#: 2

Test Start: 2013.02.06 @ 05:05:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:46:40

Time Test Ended: 11:51:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4285.00 ft (KB) To 4335.00 ft (KB) (TVD)

Total Depth: 4335.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2838.00 ft (KB)

2828.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press @ RunDepth: 16.04 psig @ 4286.00 ft (KB)

Start Date: 2013.02.06

End Date:

2013.02.06

Start Time: 05:05:02

End Time:

11:51:30

Capacity: 8000.00 psig

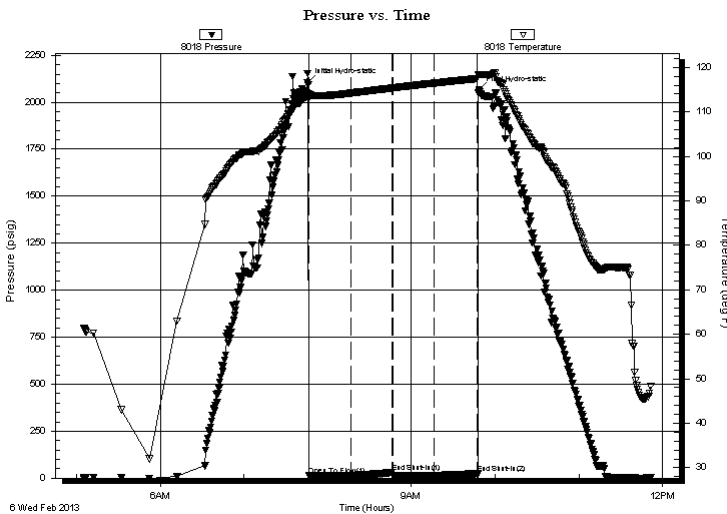
Last Calib.: 2013.02.06

Time On Btm: 2013.02.06 @ 07:45:30

Time Off Btm: 2013.02.06 @ 09:48:20

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

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2104.85	113.13	Initial Hydro-static
2	14.92	113.25	Open To Flow (1)
31	14.58	114.18	Shut-In(1)
61	29.78	115.32	End Shut-In(1)
61	15.25	115.32	Open To Flow (2)
91	16.04	116.43	Shut-In(2)
122	24.07	117.45	End Shut-In(2)
123	2064.45	118.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M100m	0.02

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Holiday #1-19

Job Ticket: 51279

DST#: 2

ATTN: Tim Priest

Test Start: 2013.02.06 @ 05:05:00

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M 100m	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:

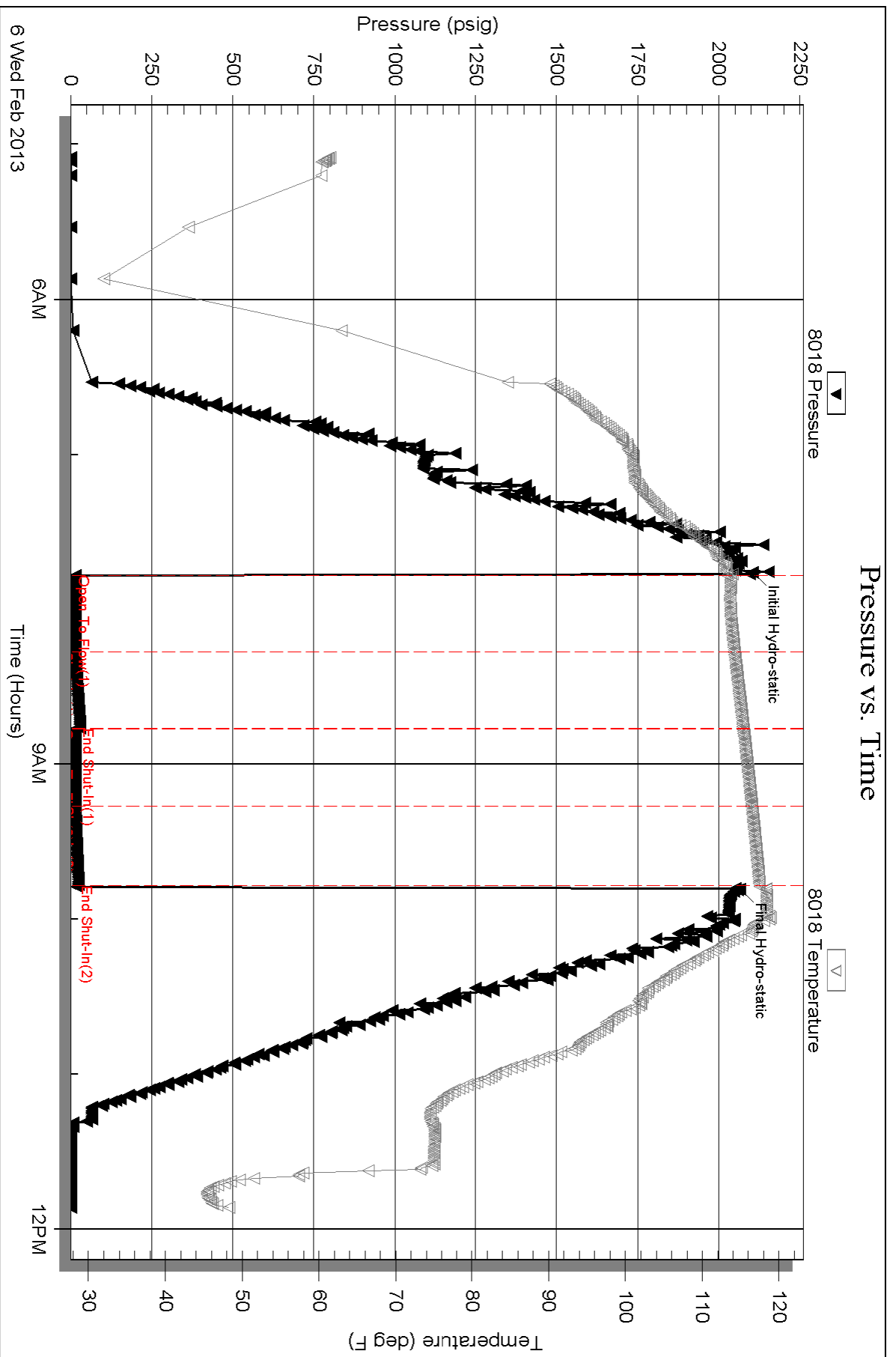
Serial #: 8018

Inside

Shakespeare Oil Co., Inc.

Holiday #1-19

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 51279

Printed: 2013.02.06 @ 13:04:33