



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

5-16-34 Scott, Ks

202 West Main St
Salem, IL
62881
ATTN: Tim Priest

Tucker #1-5

Job Ticket: 54644

DST#: 1

Test Start: 2013.10.12 @ 22:40:27

GENERAL INFORMATION:

Formation: **H-I**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 01:09:42
 Time Test Ended: 06:55:42
 Interval: **4185.00 ft (KB) To 4250.00 ft (KB) (TVD)**
 Total Depth: 4250.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 3110.00 ft (KB)
 3100.00 ft (CF)
 KB to GR/CF: 10.00 ft

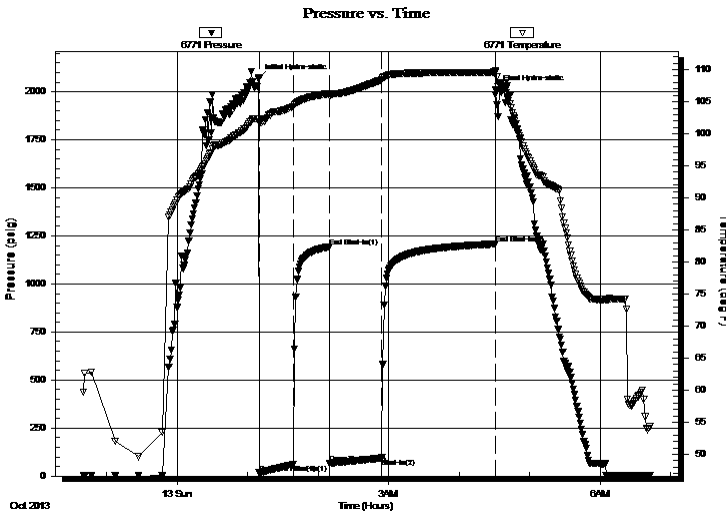
Serial #: 6771

Inside

Press @ Run Depth: 94.77 psig @ 4186.00 ft (KB)
 Start Date: 2013.10.12 End Date: 2013.10.13
 Start Time: 22:40:27 End Time: 06:42:42
 Capacity: 8000.00 psig
 Last Calib.: 2013.10.13
 Time On Btm: 2013.10.13 @ 01:09:27
 Time Off Btm: 2013.10.13 @ 04:31:12

TEST COMMENT: 2" in blow
 No return
 1 1/2" in blow
 No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2067.40	102.33	Initial Hydro-static
1	16.84	101.70	Open To Flow (1)
30	60.05	104.27	Shut-In(1)
60	1194.18	106.26	End Shut-In(1)
61	67.96	105.89	Open To Flow (2)
105	94.77	108.43	Shut-In(2)
202	1207.47	109.61	End Shut-In(2)
202	2008.83	109.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
135.00	mc w 30% m 70% w	0.80

Gas Rates

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



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Tucker #1-5

Job Ticket: 54644

DST#: 1

Test Start: 2013.10.12 @ 22:40:27

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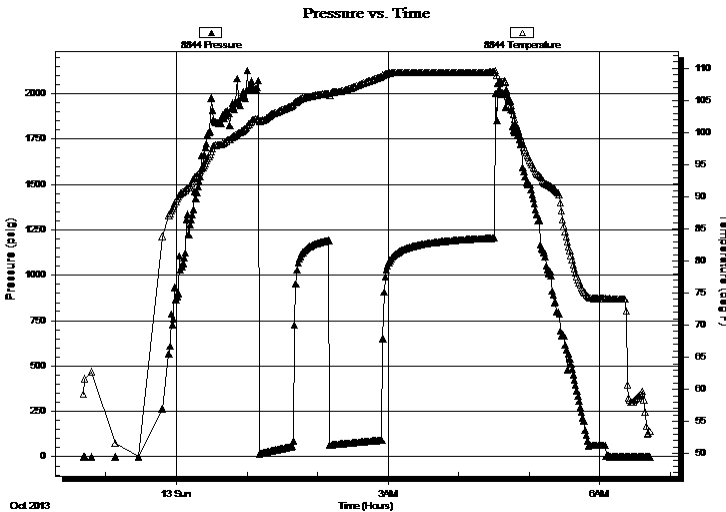
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 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 3110.00 ft (KB)
 3100.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8844 Outside

Press @ Run Depth: psig @ 4186.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.12 End Date: 2013.10.13 Last Calib.: 2013.10.13
 Start Time: 22:41:00 End Time: 06:43:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: 2" in blow
 No return
 1 1/2" in blow
 No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
135.00	mc w 30% m 70% w	0.80

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co Inc

5-16-34 Scott, Ks

202 West Main St
Salem, IL
62881
ATTN: Tim Priest

Tucker #1-5

Job Ticket: 54644

DST#: 1

Test Start: 2013.10.12 @ 22:40:27

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: 32000 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.20 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 4000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
135.00	m c w 30% m 70% w	0.801

Total Length: 135.00 ft Total Volume: 0.801 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: rw .351 @ 40*f = 32,,000 chlor

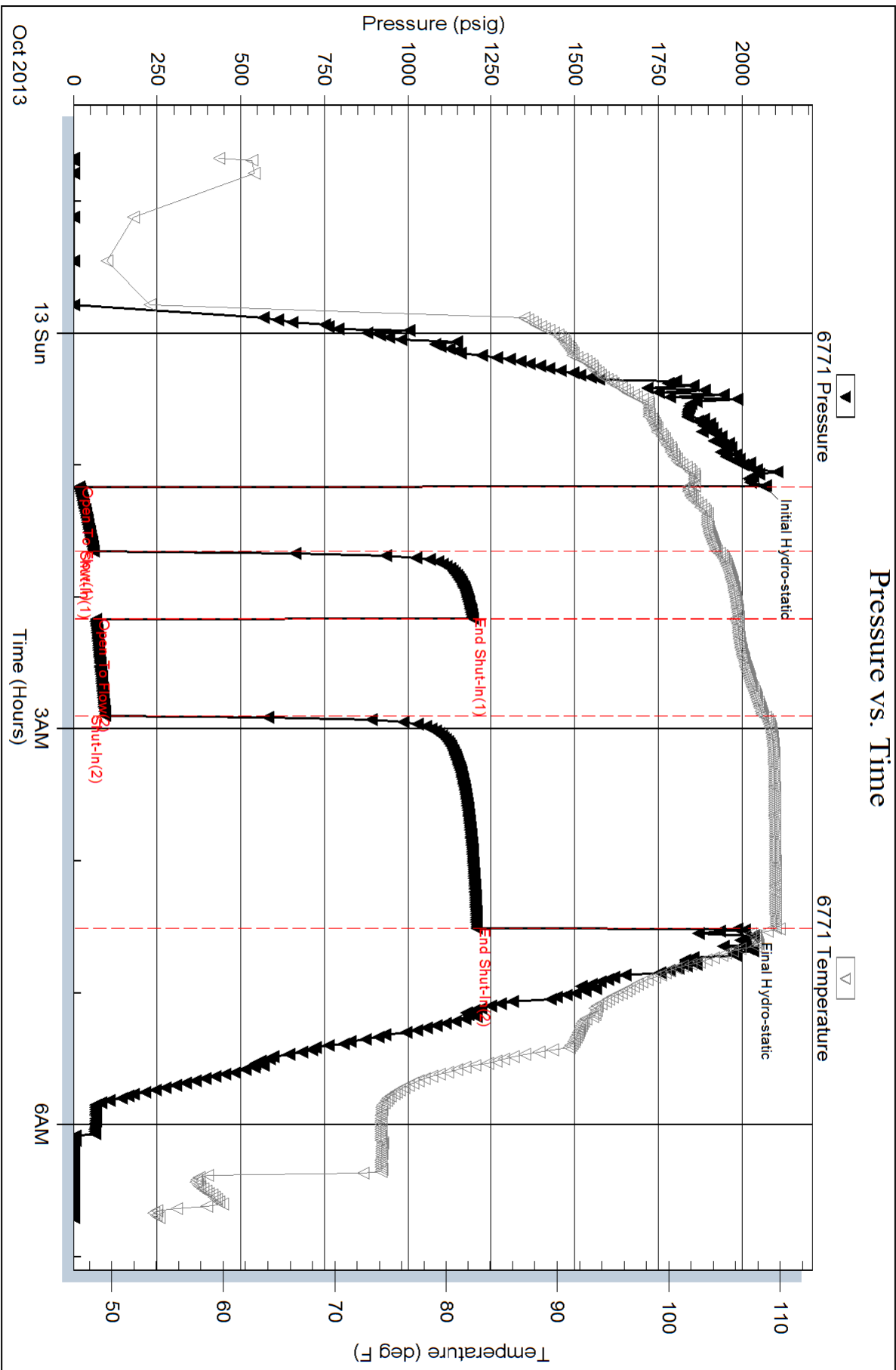
Serial #: 6771

Inside

Shakespeare Oil Co Inc

Tucker #1-5

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 54644

Printed: 2013.10.13 @ 16:55:11

Serial #: 8844

Outside Shakespeare Oil Co Inc

Tucker #1-5

DST Test Number: 1

