



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

S9-16-34 Scott, KS

202 W. Main St.
Salem, IL 62881

Tucker #1-9

Job Ticket: 51756

DST#: 1

ATTN: Tim Priest

Test Start: 2013.06.05 @ 16:40:00

GENERAL INFORMATION:

Formation: **LKC 'E-F'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:01:00

Time Test Ended: 23:42:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

Interval: 4129.00 ft (KB) To 4155.00 ft (KB) (TVD)

Reference Elevations: 3140.00 ft (KB)

Total Depth: 4155.00 ft (KB) (TVD)

3130.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 46.45 psig @ 4132.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.06.05

End Date:

2013.06.05

Last Calib.:

2013.06.05

Start Time: 16:40:02

End Time:

23:42:20

Time On Btm:

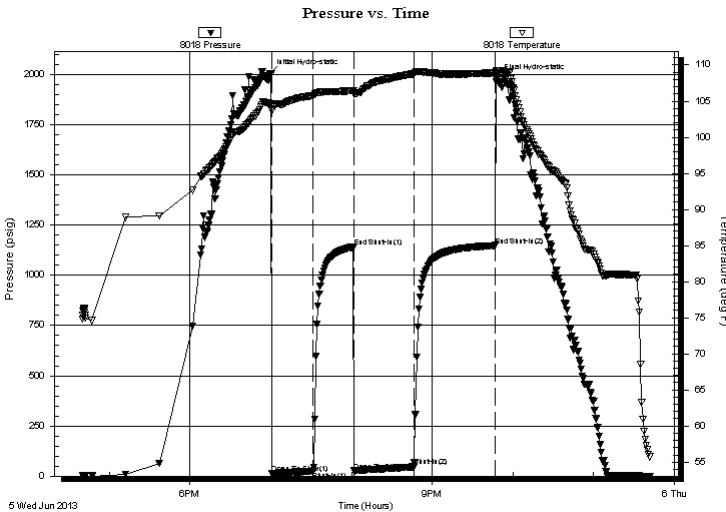
2013.06.05 @ 18:59:10

Time Off Btm:

2013.06.05 @ 21:48:20

TEST COMMENT: 1" Blow .
No return.
1" Blow .
No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2004.98	104.69	Initial Hydro-static
2	14.06	103.67	Open To Flow (1)
33	25.25	105.80	Shut-In(1)
63	1141.52	106.46	End Shut-In(1)
63	26.23	105.95	Open To Flow (2)
108	46.45	108.77	Shut-In(2)
168	1148.18	108.92	End Shut-In(2)
170	1980.08	109.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	Mud w / oil spots	0.34

Gas Rates

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



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FLUID SUMMARY

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Tucker #1-9

Job Ticket: 51756

DST#: 1

ATTN: Tim Priest

Test Start: 2013.06.05 @ 16:40:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	Mud w / oil spots	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

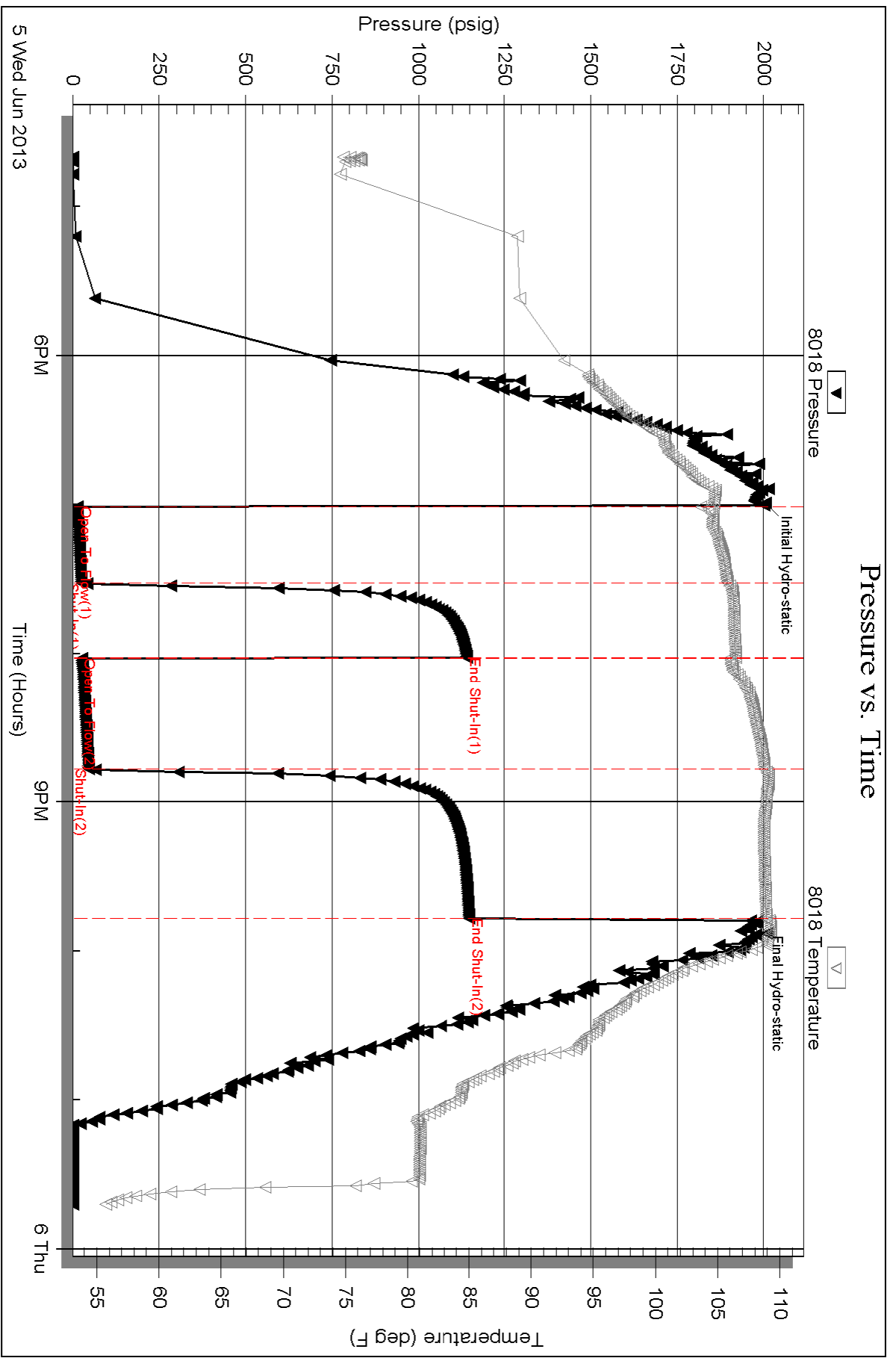
Serial #: 8018

Inside

Shakespeare Oil Co., Inc.

Tucker #1-9

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 51756

Printed: 2013.06.06 @ 08:21:38