



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

S2-16s-31w Scott, KS

202 W Main St.
Salem, IL 62881

York #1-2

Job Ticket: 53041

DST#: 6

ATTN: Tim Priest

Test Start: 2013.08.21 @ 16:21:00

GENERAL INFORMATION:

Formation: **Lkc "J"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 18:37:20
 Tester: Cornelio Landa III (
 Time Test Ended: 00:01:39
 Unit No: 62
Interval: 4160.00 ft (KB) To 4190.00 ft (KB) (TVD)
 Reference Elevations: 2876.00 ft (KB)
 Total Depth: 4190.00 ft (KB) (TVD)
 2866.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 10.00 ft

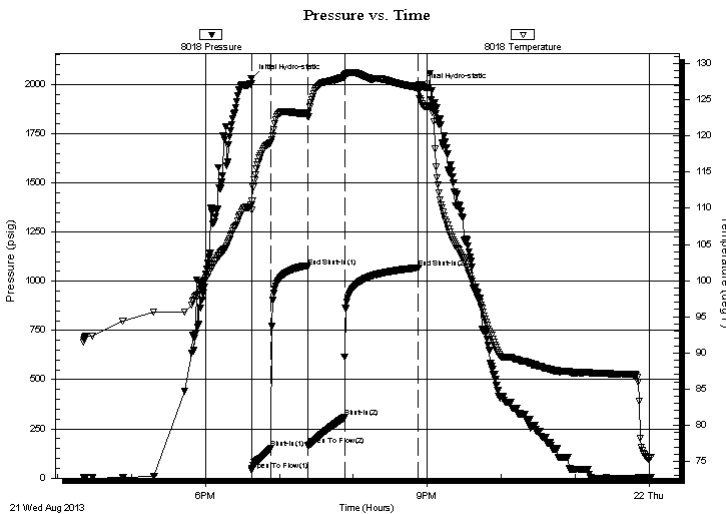
Serial #: 8018

Inside

Press @ RunDepth: 308.22 psig @ 4162.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.08.21 End Date: 2013.08.22 Last Calib.: 2013.08.22
 Start Time: 16:21:02 End Time: 00:01:40 Time On Btm: 2013.08.21 @ 18:37:10
 Time Off Btm: 2013.08.21 @ 20:53:09

TEST COMMENT: IF: B.o.b. in 3 min.
 IS: Bled off in 7 min.-8 1/2 in blow back
 FF: B.o.b. in 1 min.
 FS: Bled off in 5 min.-B.o.b. in 22 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2030.60	110.46	Initial Hydro-static
1	40.34	109.74	Open To Flow (1)
16	154.04	119.08	Shut-In(1)
46	1072.96	123.16	End Shut-In(1)
46	165.39	122.70	Open To Flow (2)
76	308.22	128.14	Shut-In(2)
136	1065.92	126.67	End Shut-In(2)
136	1983.76	126.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mog 20m 20o 60g	0.30
60.00	Og 40o 60g	0.30
720.00	Go 30g 70o	9.55
0.00	1080 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

S2-16s-31w Scott, KS

202 W Main St.
Salem, IL 62881

York #1-2

Job Ticket: 53041

DST#: 6

ATTN: Tim Priest

Test Start: 2013.08.21 @ 16:21:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	Mog 20m 20o 60g	0.295
60.00	Og 40o 60g	0.295
720.00	Go 30g 70o	9.553
0.00	1080 GIP	0.000

Total Length: 840.00 ft

Total Volume: 10.143 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

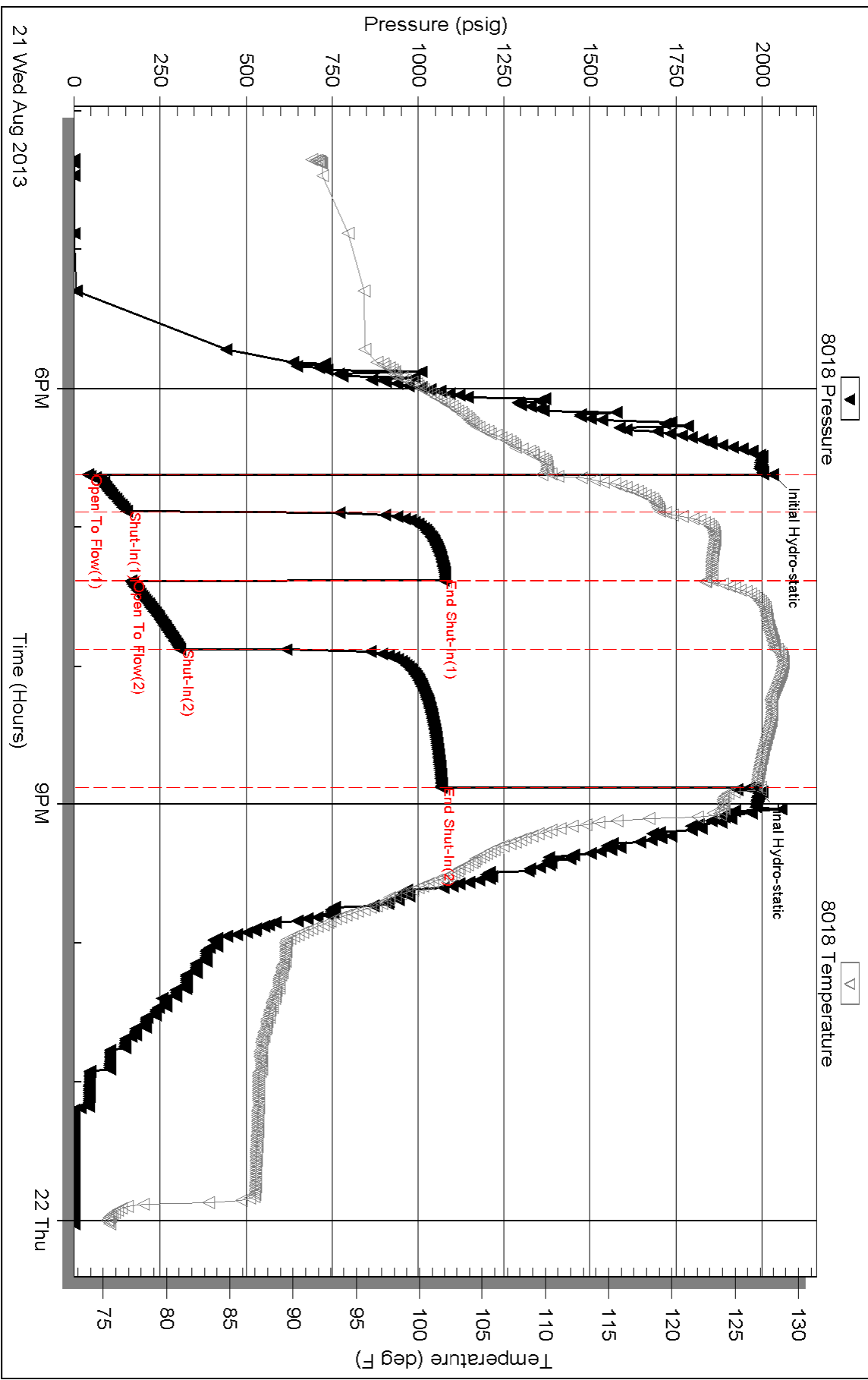
Inside

Shakespeare Oil Co., Inc.

York #1-2

DST Test Number: 6

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 53041

Printed: 2013.08.22 @ 07:47:19