



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc
 202 W. Main St.
 Salem Il
 62881
 ATTN: Tim Priest

17-13-32 Logan Co KS

Campbell 4 17

Job Ticket: 57664

DST#: 4

Test Start: 2014.06.07 @ 04:58:15

GENERAL INFORMATION:

Formation: **H-I**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:41:00
 Time Test Ended: 12:56:30
 Interval: **4165.00 ft (KB) To 4225.00 ft (KB) (TVD)**
 Total Depth: 4225.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 3043.00 ft (KB)
 3033.00 ft (CF)
 KB to GR/CF: 10.00 ft

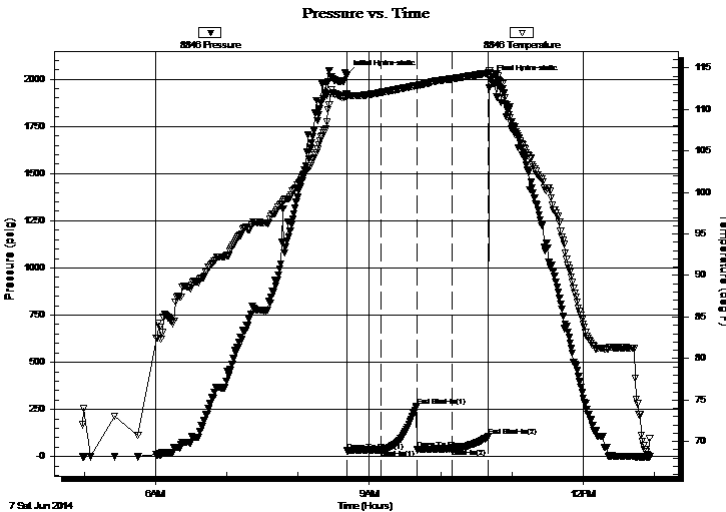
Serial #: 8846

Inside

Press@RunDepth: 43.01 psig @ 4168.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.07 End Date: 2014.06.07 Last Calib.: 2014.06.07
 Start Time: 04:58:15 End Time: 12:56:30 Time On Btm: 2014.06.07 @ 08:40:45
 Time Off Btm: 2014.06.07 @ 10:41:45

TEST COMMENT: IF: Built to weak surface
 IS: No return blow
 FF: No blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2021.45	111.85	Initial Hydro-static
1	31.02	111.44	Open To Flow (1)
29	36.84	112.04	Shut-In(1)
59	267.95	112.90	End Shut-In(1)
60	38.96	112.80	Open To Flow (2)
90	43.01	113.69	Shut-In(2)
120	106.67	114.39	End Shut-In(2)
121	1996.57	114.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	free oil	0.01
10.00	mud 100%m	0.05

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

Shakespeare Oil Co. Inc

17-13-32 Logan Co KS

202 W. Main St.
Salem II
62881

Campbell 4 17

Job Ticket: 57664

DST#: 4

ATTN: Tim Priest

Test Start: 2014.06.07 @ 04:58:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

dbl

Water Loss: 7.98 in³

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 dbl
2.00	free oil	0.010
10.00	mud 100% _m	0.049

Total Length: 12.00 ft

Total Volume: 0.059 dbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API 36

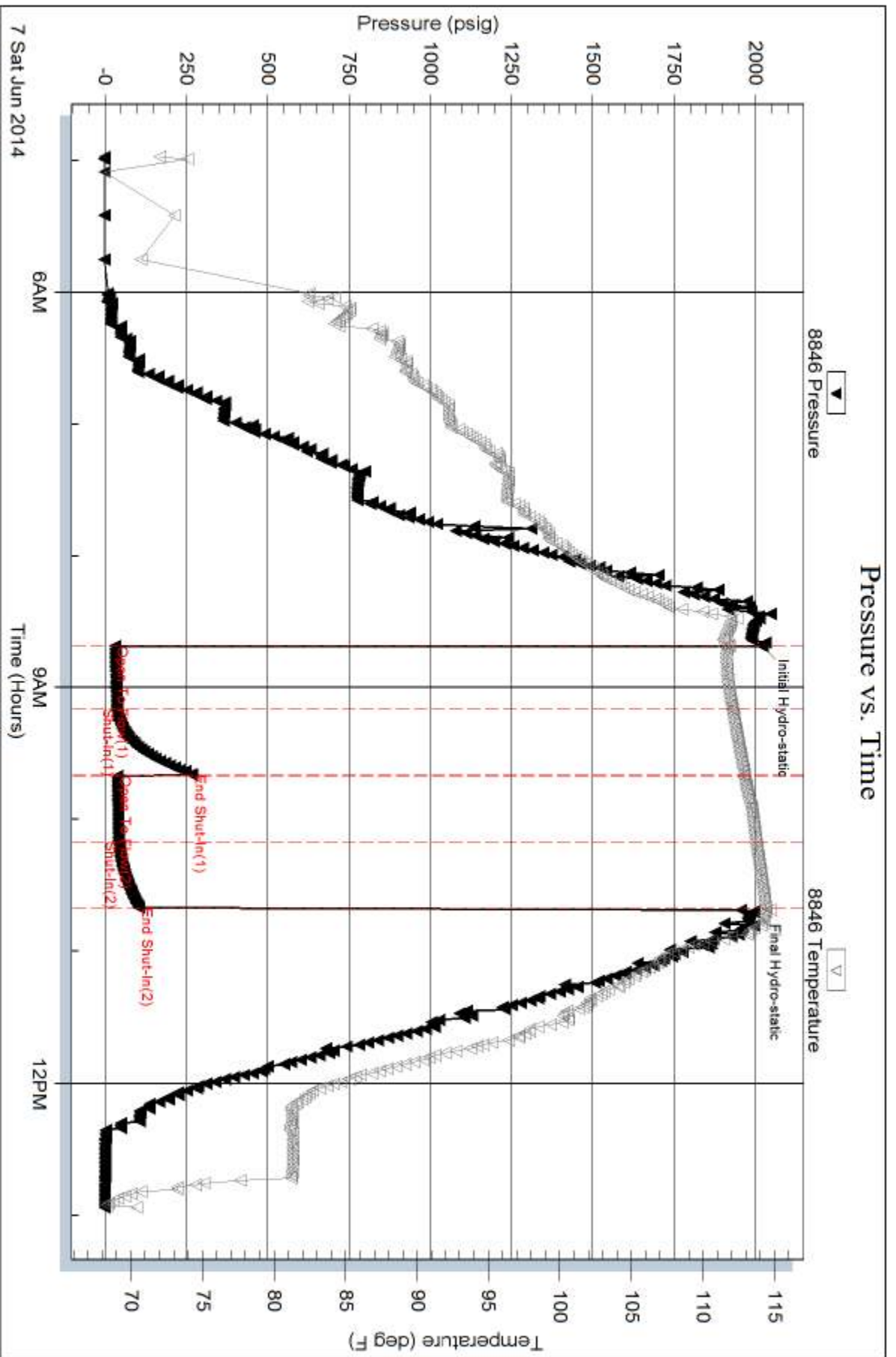
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Inside

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DST Test Number: 4



Triobite Testing, Inc

Ref. No: 57664

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