



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc.

35 16s 34w Scott, Ks

202 W Main St
Salem, IL 62881

COG #2-35

Job Ticket: 58594

DST#: 4

ATTN: Tim Priest

Test Start: 2014.11.20 @ 05:00:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:21:30

Time Test Ended: 14:48:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4657.00 ft (KB) To 4730.00 ft (KB) (TVD)

Reference Elevations: 3115.00 ft (KB)

Total Depth: 4730.00 ft (KB) (TVD)

3105.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8365 Inside

Press@RunDepth: 55.80 psig @ 4658.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.20

End Date: 2014.11.20

Last Calib.: 2014.11.20

Start Time: 05:00:05

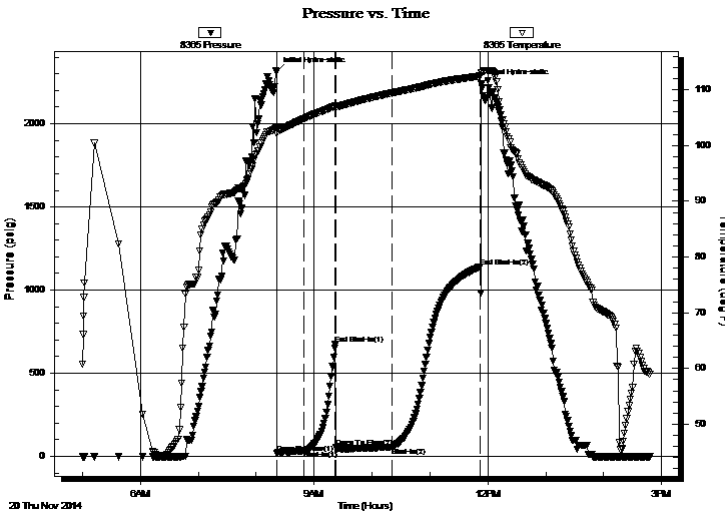
End Time: 14:48:30

Time On Btm: 2014.11.20 @ 08:21:15

Time Off Btm: 2014.11.20 @ 11:53:30

TEST COMMENT: IF: 1/2" blow.
IS: No return.
FF: 1" blow.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2312.61	103.31	Initial Hydro-static
1	19.50	102.10	Open To Flow (1)
28	34.44	104.78	Shut-In(1)
61	672.15	107.10	End Shut-In(1)
62	52.36	107.00	Open To Flow (2)
120	55.80	109.44	Shut-In(2)
211	1139.69	112.46	End Shut-In(2)
213	2239.47	113.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	ocm 5o 95m	0.49
3.00	Oil 100 o	0.01

* 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.

35 16s 34w Scott, Ks

202 W Main St
Salem, IL 62881

COG #2-35

Job Ticket: 58594

DST#: 4

ATTN: Tim Priest

Test Start: 2014.11.20 @ 05:00:00

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:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	ocm 5o 95m	0.492
3.00	Oil 100 o	0.015

Total Length: 103.00 ft

Total Volume: 0.507 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

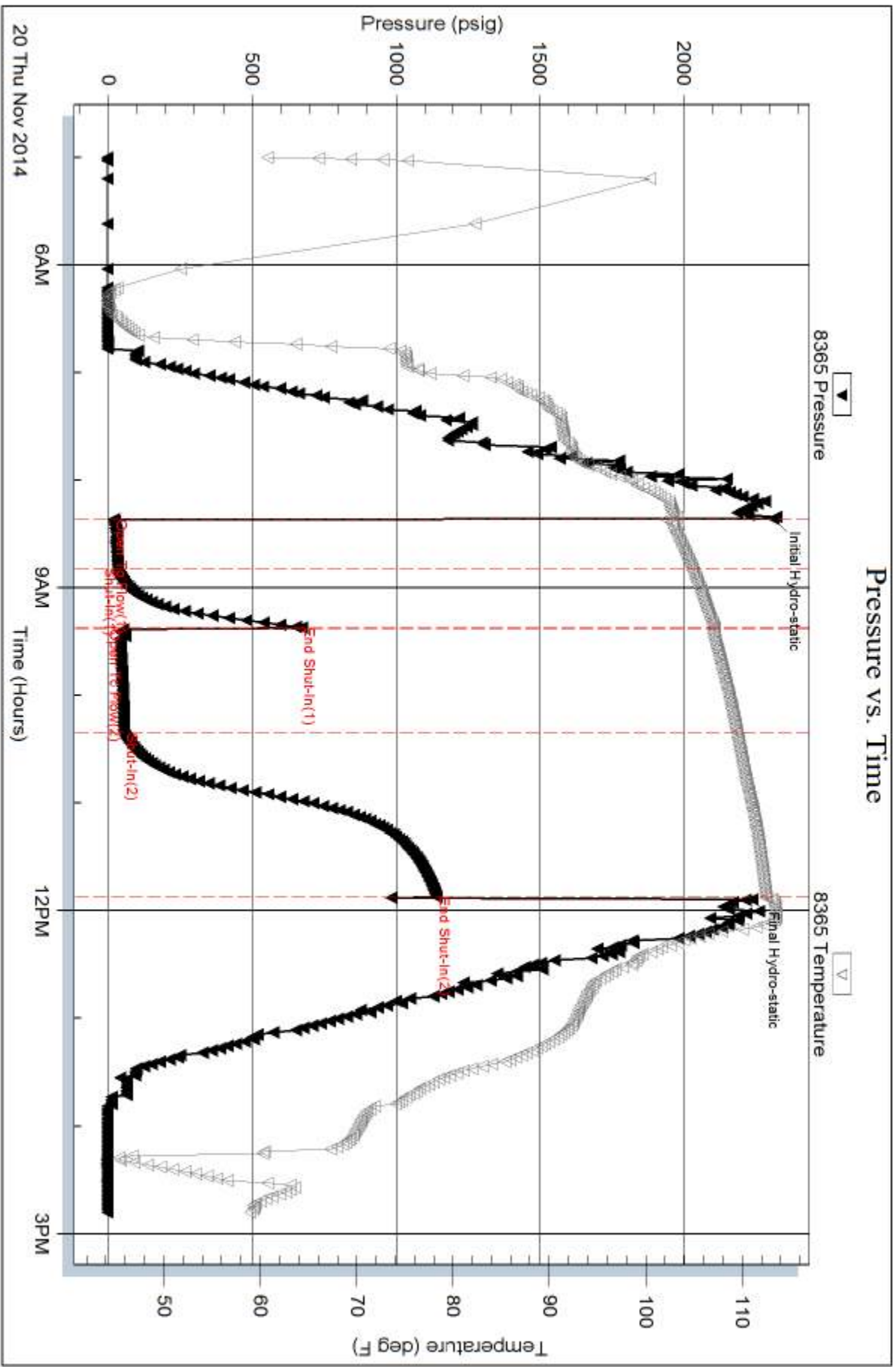
Serial #: 8365

Inside

Shakespeare Oil Co. Inc.

COG #2-35

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 58594

Printed: 2014, 11, 20 @ 15:28:24