



**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: 58592

DST#: 2

ATTN: Tim Priest

Test Start: 2014.11.17 @ 12:07:00

GENERAL INFORMATION:

Formation: **Marmaton B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:14:45

Time Test Ended: 22:03:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4475.00 ft (KB) To 4496.00 ft (KB) (TVD)

Reference Elevations: 3115.00 ft (KB)

Total Depth: 4496.00 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 @ Run Depth: 80.15 psig @ 4476.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.17

End Date: 2014.11.17

Last Calib.: 2014.11.17

Start Time: 12:07:05

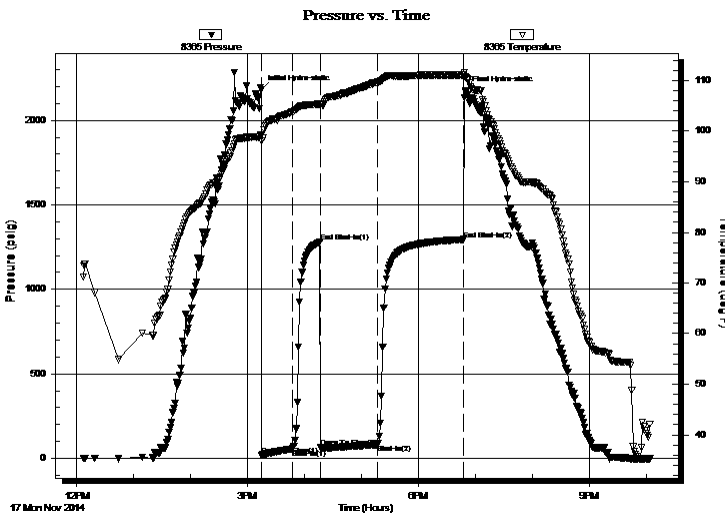
End Time: 22:03:30

Time On Btm: 2014.11.17 @ 15:14:30

Time Off Btm: 2014.11.17 @ 18:49:30

TEST COMMENT: 30: 5" blow.
30: Surface return.
60: 6" blow.
90: 1/2" return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2182.06	99.11	Initial Hydro-static
1	17.45	98.08	Open To Flow (1)
33	55.82	103.91	Shut-In(1)
62	1280.31	105.37	End Shut-In(1)
63	62.11	105.16	Open To Flow (2)
122	80.15	109.64	Shut-In(2)
213	1294.99	111.10	End Shut-In(2)
215	2176.56	110.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	gocm 15g 30o 55m	0.97
30.00	go 20g 80o	0.42
0.00	320' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Job Ticket: 58592

DST#: 2

ATTN: Tim Priest

Test Start: 2014.11.17 @ 12:07:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	gocm 15g 30o 55m	0.975
30.00	go 20g 80o	0.421
0.00	320' GIP	0.000

Total Length: 180.00 ft Total Volume: 1.396 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

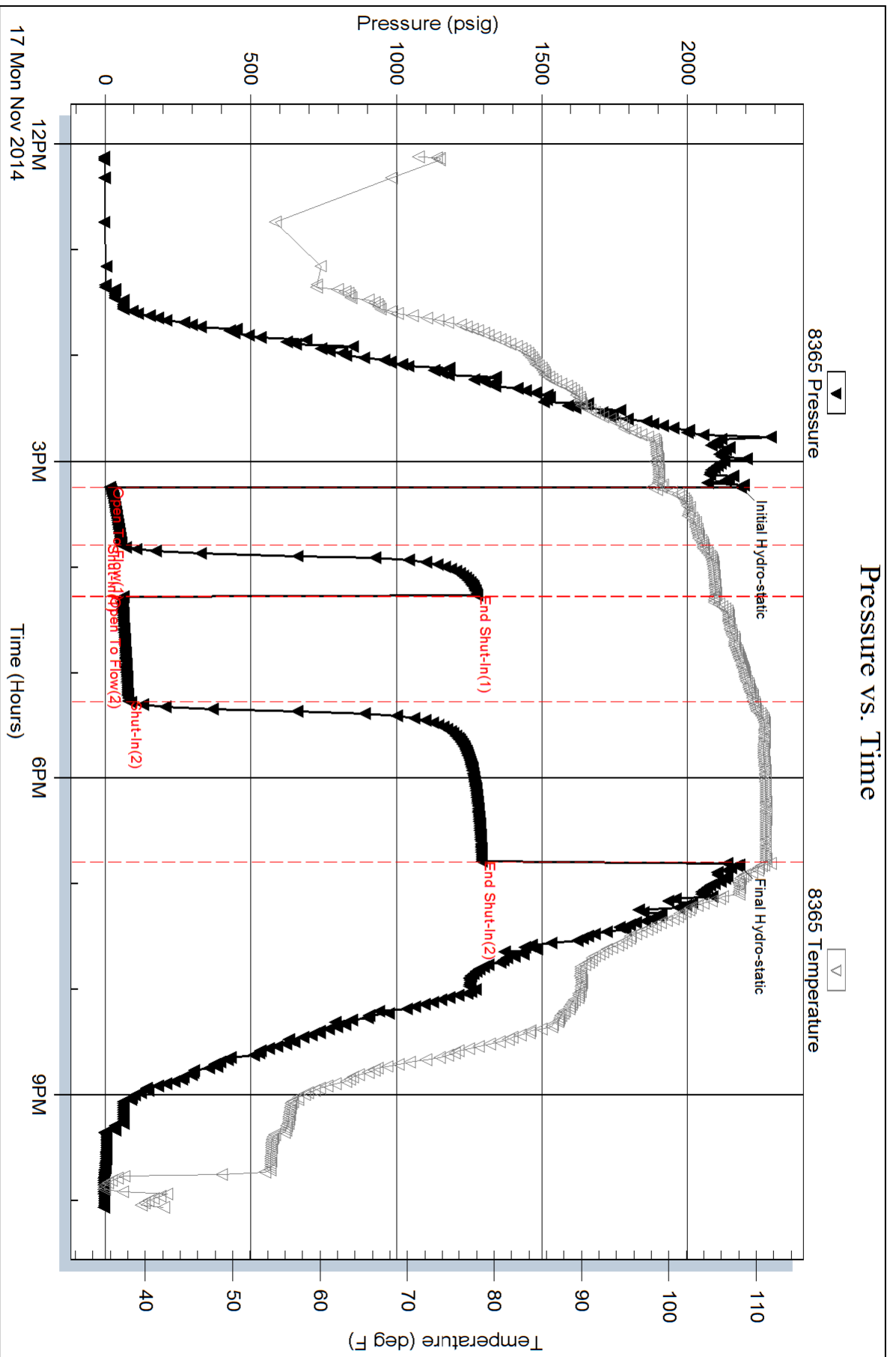
Serial #: 8365

Inside

Shakespeare Oil Co, Inc.

COG #2-35

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 58592

Printed: 2014.11.17 @ 22:58:16