



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Inc.
 202 West Main St
 Salem IL 62881
 ATTN: Steve Davis

25-16s-34w Scott Co
Carson 4-25
 Job Ticket: 59125 **DST#: 1**
 Test Start: 2014.09.01 @ 15:32:15

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:43:45
 Time Test Ended: 00:22:15
 Interval: **4404.00 ft (KB) To 4465.00 ft (KB) (TVD)**
 Total Depth: 4465.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 3106.00 ft (KB)
 3094.00 ft (CF)
 KB to GR/CF: 12.00 ft

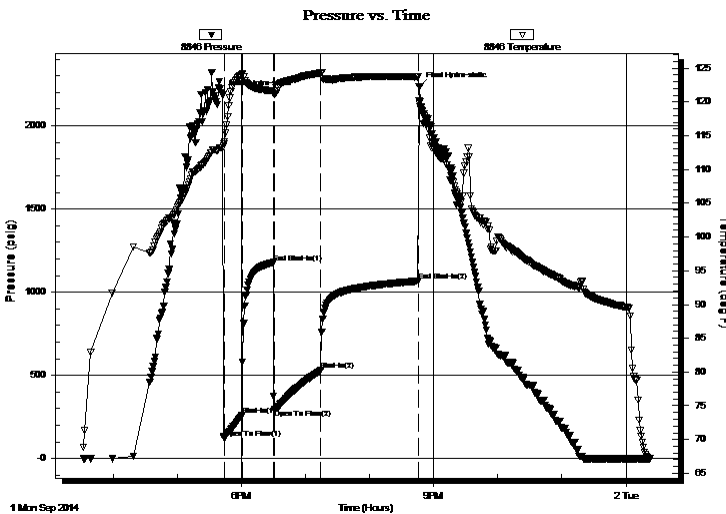
Serial #: 8846

Inside

Press @ Run Depth: 529.28 psig @ 4407.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.09.01 End Date: 2014.09.02 Last Calib.: 2014.09.02
 Start Time: 15:32:15 End Time: 00:22:15 Time On Btm: 2014.09.01 @ 17:42:30
 Time Off Btm: 2014.09.01 @ 20:47:00

TEST COMMENT: IF:BOB in 2 min.
 IS:Return blow built to 8"
 FF:BOB in 1 min.
 FS:Return blow built to 2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2184.31	113.17	Initial Hydro-static
2	121.30	113.77	Open To Flow (1)
19	260.68	124.07	Shut-In(1)
48	1178.28	121.62	End Shut-In(1)
49	298.72	121.11	Open To Flow (2)
92	529.28	124.29	Shut-In(2)
183	1065.32	123.71	End Shut-In(2)
185	2236.80	119.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP=620 ft.	0.00
930.00	gco 30%g 70%o	13.05
434.00	mcgo 20%m 20%g 60%o	6.09

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Inc.

25-16s-34w Scott Co

202 West Main St
Salem IL 62881

Carson 4-25

Job Ticket: 59125

DST#: 1

ATTN: Steve Davis

Test Start: 2014.09.01 @ 15:32:15

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	GIP=620 ft.	0.000
930.00	gco 30%g 70%o	13.045
434.00	mcgo 20%m 20%g 60%o	6.088

Total Length: 1364.00 ft Total Volume: 19.133 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API= 36 @ 60

Serial #: 8846

Inside

Shakespeare Oil Inc.

Carson 4-25

DST Test Number: 1

