



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Co.

10-16s-34w Scott co.

202 W Main st.
Salem, IL 62881

Koehn #1-10

Job Ticket: 57723

DST#: 4

ATTN: Tim Priest

Test Start: 2014.09.04 @ 00:30:00

GENERAL INFORMATION:

Formation: **Marmanton " B "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:35:25

Time Test Ended: 06:20:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 72

Interval: 4460.00 ft (KB) To 4485.00 ft (KB) (TVD)

Reference Elevations: 3127.00 ft (KB)

Total Depth: 4485.00 ft (KB) (TVD)

3122.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8845

Inside

Press@RunDepth: 10.11 psig @ 4461.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.09.04

End Date:

2014.09.04

Last Calib.:

2014.09.04

Start Time: 00:30:00

End Time:

06:20:39

Time On Btm:

2014.09.04 @ 02:35:10

Time Off Btm:

2014.09.04 @ 04:38:25

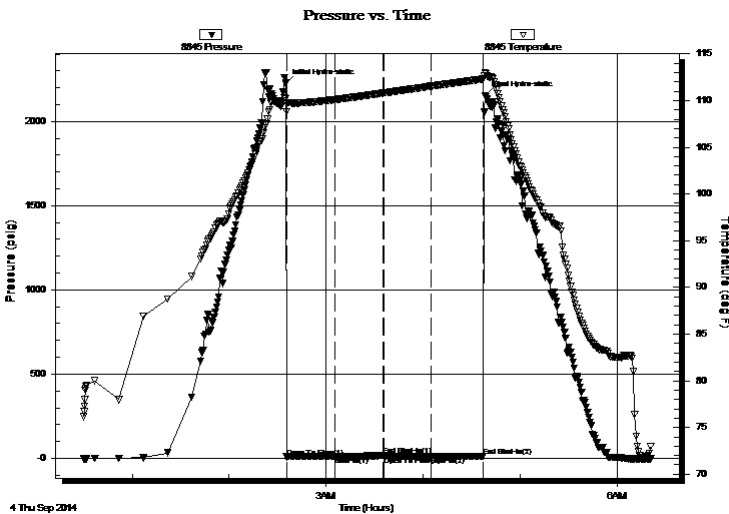
TEST COMMENT: IF- Very Weak Surface Blow Died in 1 3/4min

IS- No Blow

FF- No Blow

FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2226.18	110.18	Initial Hydro-static
1	8.51	108.81	Open To Flow (1)
31	10.35	110.10	Shut-In(1)
61	15.83	110.80	End Shut-In(1)
61	9.55	110.81	Open To Flow (2)
90	10.11	111.53	Shut-In(2)
122	13.36	112.29	End Shut-In(2)
124	2153.58	113.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	100%m with Oil Spots in Tool	0.01

Gas Rates

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

* Recovery from multiple tests



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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	100% m with Oil Spots in Tool	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8845

Inside

Shakespeare Oil Co.

Koehn #1-10

DST Test Number: 4

