



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Company, Inc.

22-16s-34w Scott

202 W Main St
Salem IL , 62881

Stoll 1-22

Job Ticket: 57464

DST#: 2

ATTN: Steve Davis

Test Start: 2014.09.16 @ 10:15:00

GENERAL INFORMATION:

Formation: **Marmaton B&C**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 12:16:30

Time Test Ended: 16:02:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Justin Harris

Unit No: 60

Interval: 4484.00 ft (KB) To 4535.00 ft (KB) (TVD)

Reference Elevations: 3140.00 ft (KB)

Total Depth: 4535.00 ft (KB) (TVD)

3128.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 12.00 ft

Serial #: 8373

Inside

Press@RunDepth: 26.80 psig @ 4485.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.09.16

End Date:

2014.09.16

Last Calib.:

2014.09.16

Start Time: 10:15:05

End Time:

16:01:59

Time On Btm:

2014.09.16 @ 12:16:00

Time Off Btm:

2014.09.16 @ 14:17:30

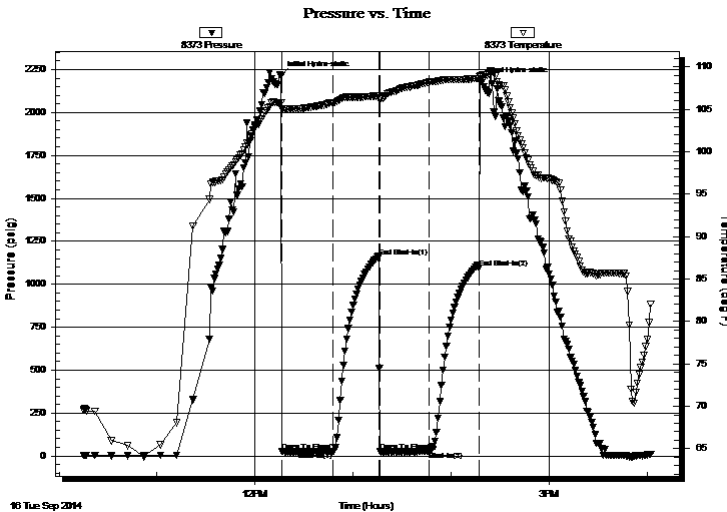
TEST COMMENT: 30: Weak surface blow died in 10 min.

30: No Return

30: No Blow .

60: No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2216.12	105.83	Initial Hydro-static
1	27.95	105.11	Open To Flow (1)
32	26.94	105.80	Shut-In(1)
60	1161.44	106.60	End Shut-In(1)
61	25.50	106.20	Open To Flow (2)
91	26.80	108.22	Shut-In(2)
121	1094.35	108.63	End Shut-In(2)
122	2180.87	108.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud w ith oil spots	0.21

* Recovery from multiple tests

Gas Rates

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



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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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 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
15.00	Mud w ith oil spots	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

