



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: 59602

DST#: 1

ATTN: Tim Priest

Test Start: 2014.08.31 @ 11:37:00

GENERAL INFORMATION:

Formation: " B "

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:12:30

Time Test Ended: 19:58:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Samuel Esparza

Unit No: 72

Interval: 4058.00 ft (KB) To 4080.00 ft (KB) (TVD)

Reference Elevations: 3127.00 ft (KB)

Total Depth: 4080.00 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: 138.13 psig @ 4059.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.31

End Date:

2014.08.31

Last Calib.:

2014.08.31

Start Time: 11:37:05

End Time:

19:57:59

Time On Btm:

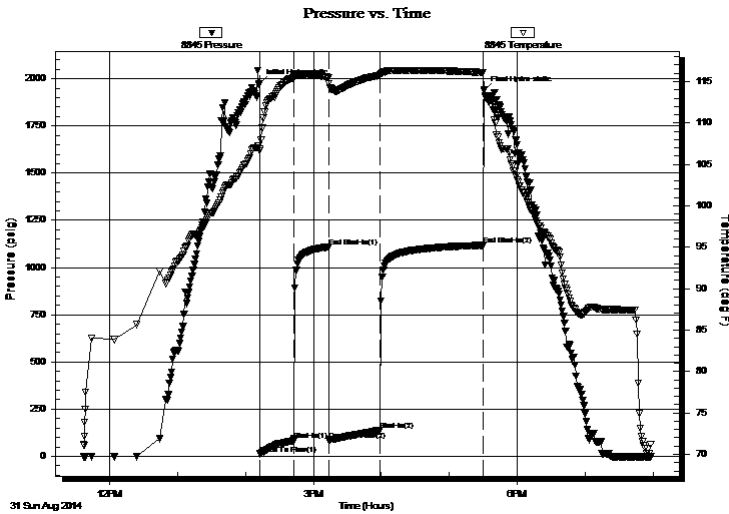
2014.08.31 @ 14:12:15

Time Off Btm:

2014.08.31 @ 17:30:45

TEST COMMENT: IF: 6" Blow.
IS: No Return.
FF: 8 1/2" Blow.
FS: No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1974.10	107.31	Initial Hydro-static
1	12.49	106.67	Open To Flow (1)
31	82.61	115.42	Shut-In(1)
61	1108.98	115.49	End Shut-In(1)
62	85.94	114.77	Open To Flow (2)
107	138.13	115.78	Shut-In(2)
198	1117.71	116.09	End Shut-In(2)
199	1938.55	113.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
280.00	MW 20m 80w	2.80

Gas Rates

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



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ATTN: Tim Priest

Test Start: 2014.08.31 @ 11:37:00

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:

60000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
280.00	MW 20m 80w	2.798

Total Length: 280.00 ft Total Volume: 2.798 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Water Salinity: .135 @ 77 degrees= 60,000 ppm

Serial #: 8845

Inside

Shakespeare Oil Co.

Koehn #1-10

DST Test Number: 1

