



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

15-14-32 Logan, Ks

202 w main st.
Salem, IL 62881

Ottley 9-15

Job Ticket: 59016

DST#: 7

ATTN: Tim Priest

Test Start: 2014.07.31 @ 09:47:35

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:48:35

Time Test Ended: 15:45:35

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 60

Interval: 4200.00 ft (KB) To 4240.00 ft (KB) (TVD)

Reference Elevations: 2762.00 ft (KB)

Total Depth: 4240.00 ft (KB) (TVD)

2755.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8373 Inside

Press@RunDepth: 24.19 psig @ 4205.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.31 End Date: 2014.07.31

Last Calib.: 2014.07.31

Start Time: 09:47:40 End Time: 15:45:34

Time On Btm: 2014.07.31 @ 11:47:05

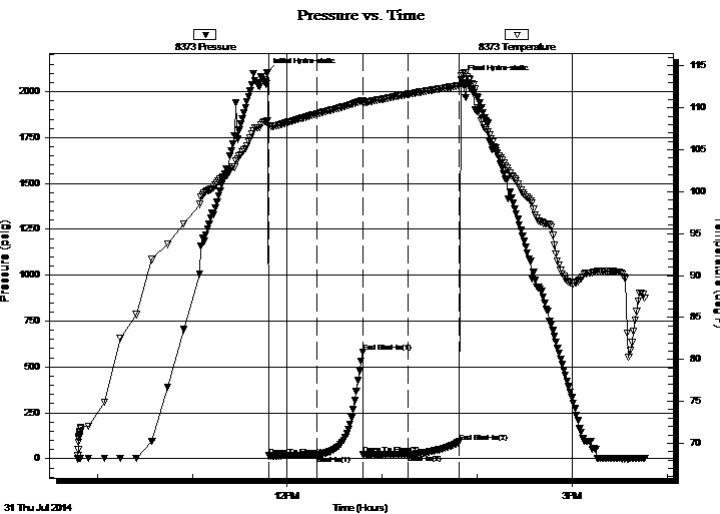
Time Off Btm: 2014.07.31 @ 13:49:35

TEST COMMENT: IF: Surface blow died in 12 min.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2105.18	108.46	Initial Hydro-static
2	15.66	107.91	Open To Flow (1)
32	19.34	109.29	Shut-In(1)
61	582.20	110.91	End Shut-In(1)
61	23.41	110.57	Open To Flow (2)
89	24.19	111.63	Shut-In(2)
122	91.87	112.66	End Shut-In(2)
123	2064.32	113.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud oil spots 100%m	0.05

* 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: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud oil spots 100%m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8373

Inside

Shakespeare Oil Co. Inc

Otley 9-15

DST Test Number: 7

