



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: 59018

DST#: 9

ATTN: Tim Priest

Test Start: 2014.08.02 @ 00:56:25

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:22:55

Time Test Ended: 08:05:25

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 60

Interval: 4323.00 ft (KB) To 4365.00 ft (KB) (TVD)

Reference Elevations: 2762.00 ft (KB)

Total Depth: 4365.00 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: 34.16 psig @ 4328.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.02

End Date:

2014.08.02

Last Calib.:

2014.08.02

Start Time: 00:56:30

End Time:

08:05:24

Time On Btm:

2014.08.02 @ 03:21:25

Time Off Btm:

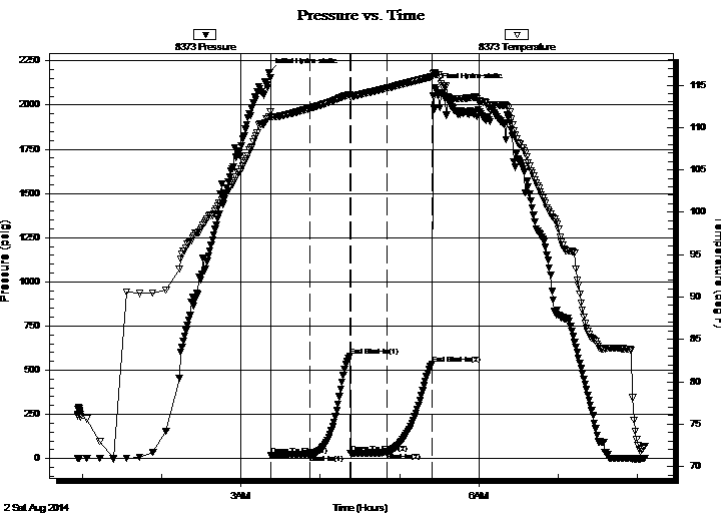
2014.08.02 @ 05:26:55

TEST COMMENT: IF: 1/4 blow died in 9 min.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2184.95	111.31	Initial Hydro-static
2	17.76	111.17	Open To Flow (1)
31	25.51	112.26	Shut-In(1)
61	579.80	113.88	End Shut-In(1)
62	29.64	113.59	Open To Flow (2)
89	34.16	114.63	Shut-In(2)
123	535.52	115.97	End Shut-In(2)
126	2100.11	116.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	ocm 10%o 90%m	0.07

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:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 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	ocm 10%o 90%m	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

