



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc.

36 16s 34w Scott, Ks

202 W Main St.
Salem, IL 62881

Janzen 5-36

Job Ticket: 57626

DST#: 1

ATTN: Tim Priest

Test Start: 2014.04.01 @ 10:33:00

GENERAL INFORMATION:

Formation: **Marmaton A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:10:15

Time Test Ended: 20:07:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 69

Interval: 4447.00 ft (KB) To 4486.00 ft (KB) (TVD)

Reference Elevations: 3143.00 ft (KB)

Total Depth: 4486.00 ft (KB) (TVD)

3133.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8522 Outside

Press @ Run Depth: 96.92 psig @ 4448.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.01 End Date: 2014.04.01

Last Calib.: 2014.04.01

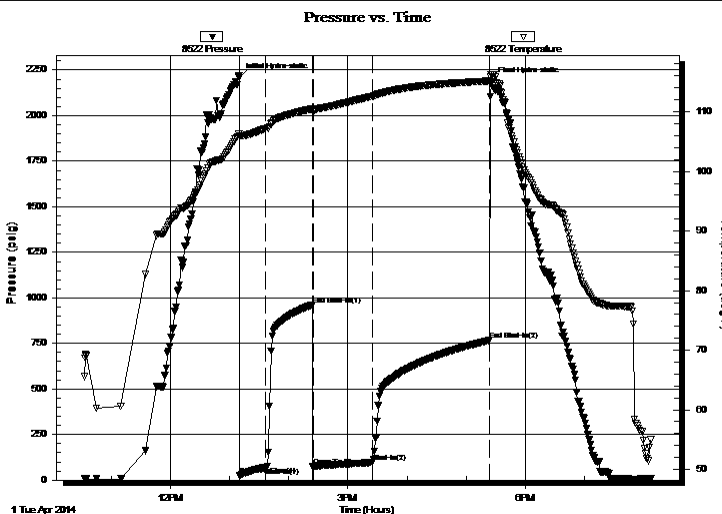
Start Time: 10:33:05 End Time: 20:07:00

Time On Btm: 2014.04.01 @ 13:09:45

Time Off Btm: 2014.04.01 @ 17:25:15

TEST COMMENT: IF: 7" blow.
IS: No return.
FF: 1" blow.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2208.34	106.28	Initial Hydro-static
1	23.74	105.94	Open To Flow (1)
27	71.50	107.20	Shut-In(1)
75	961.27	110.50	End Shut-In(1)
75	77.00	110.25	Open To Flow (2)
136	96.92	112.60	Shut-In(2)
254	766.79	115.16	End Shut-In(2)
256	2187.08	116.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	gocm 20g 25o 55m	0.59
40.00	gmco 30g 20m 50o	0.28
60.00	go 40g 60o	0.84
0.00	90' GIP	0.00

Gas Rates

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



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	gocm 20g 25o 55m	0.590
40.00	gmco 30g 20m 50o	0.279
60.00	go 40g 60o	0.842
0.00	90' GIP	0.000

Total Length: 220.00 ft

Total Volume: 1.711 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

