



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Inc
 202 West, Main St
 Salem, IL
 62881
 ATTN: Tim Priest

36-16s-34w Scott, Ks

Janzen #2-36

Job Ticket: 56608

DST#: 4

Test Start: 2014.01.08 @ 11:11:44

GENERAL INFORMATION:

Formation: **Marmaton B**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 13:16:59

Time Test Ended: 19:45:59

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 4470.00 ft (KB) To 4490.00 ft (KB) (TVD)

Total Depth: 4490.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3108.00 ft (KB)

3098.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6771 Inside

Press@RunDepth: 65.51 psig @ 4471.00 ft (KB)

Start Date: 2014.01.08

End Date: 2014.01.08

Start Time: 11:11:44

End Time: 19:15:59

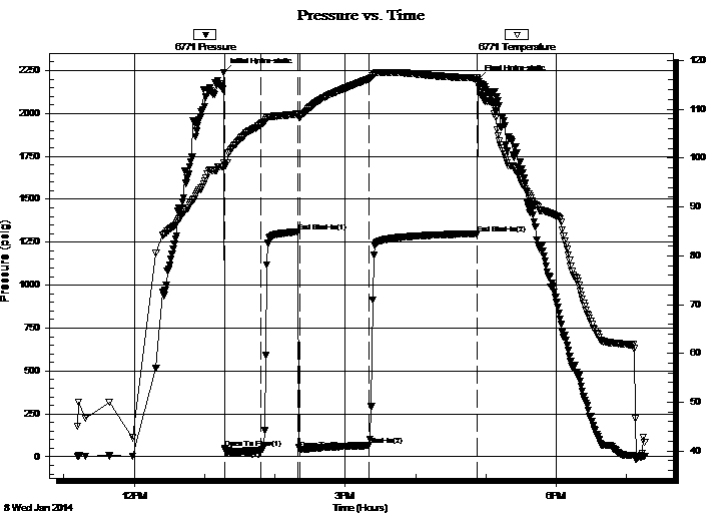
Capacity: 8000.00 psig

Last Calib.: 2014.01.08

Time On Btm: 2014.01.08 @ 13:16:29

Time Off Btm: 2014.01.08 @ 16:53:14

TEST COMMENT: 9 1/2" in blow
 Surface return in 10 min, blew throughout shutin
 B.O.B. in 35 min.
 Surface return in 10 min, died in 52 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2236.29	99.17	Initial Hydro-static
1	48.51	98.56	Open To Flow (1)
32	39.04	106.97	Shut-In(1)
63	1310.17	109.02	End Shut-In(1)
65	43.89	108.42	Open To Flow (2)
124	65.51	116.18	Shut-In(2)
216	1300.22	116.39	End Shut-In(2)
217	2199.00	114.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	g o c m 20g 30o 50m	0.15
110.00	c g o 15g 85o	0.73
0.00	400' gas in pipe	0.00

* Recovery from multiple tests

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:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	g o c m 20g 30o 50m	0.148
110.00	c g o 15g 85o	0.732
0.00	400' gas in pipe	0.000

Total Length: 140.00 ft Total Volume: 0.880 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

