



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil
202 West Main St.
Salem, IL
62881
ATTN: Mark Herndon

36-16s-34w Scott, Ks
Janzen #6-36
Job Ticket: 56334 **DST#: 3**
Test Start: 2014.04.07 @ 00:00:47

GENERAL INFORMATION:

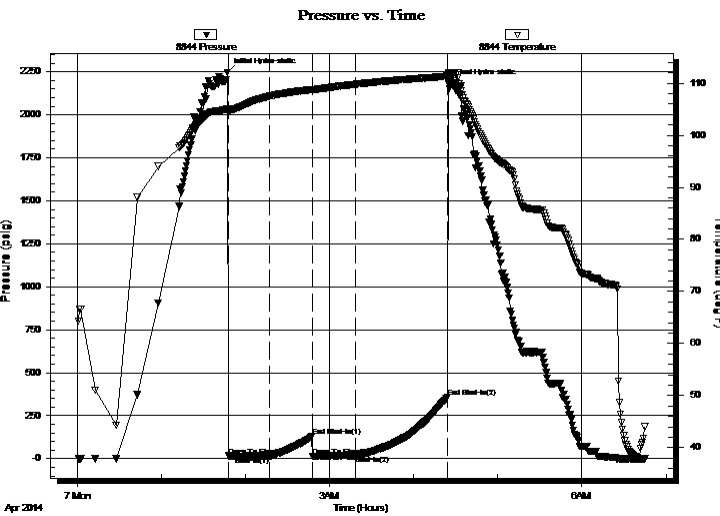
Formation: **Myrick St , Ft Scott**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 01:47:47
Time Test Ended: 06:55:47
Interval: **4540.00 ft (KB) To 4626.00 ft (KB) (TVD)**
Total Depth: 4626.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Shane McBride
Unit No: 55
Reference Elevations: 3116.00 ft (KB)
3104.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8844

Outside

Press @ Run Depth: 18.83 psig @ 4541.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.04.07 End Date: 2014.04.07 Last Calib.: 2014.04.07
Start Time: 00:00:47 End Time: 06:44:47 Time On Btm: 2014.04.07 @ 01:47:17
Time Off Btm: 2014.04.07 @ 04:24:32

TEST COMMENT: 1 1/2" in blow
No return
1 1/2" in blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2246.03	105.08	Initial Hydro-static
1	16.85	104.47	Open To Flow (1)
30	16.55	107.50	Shut-In(1)
60	129.28	108.77	End Shut-In(1)
61	14.12	108.75	Open To Flow (2)
91	18.83	109.79	Shut-In(2)
157	358.74	111.34	End Shut-In(2)
158	2181.42	111.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud w/oil spots 100%m	0.21
0.00	45' 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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Job Ticket: 56334

DST#: 3

ATTN: Mark Herndon

Test Start: 2014.04.07 @ 00:00:47

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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
15.00	mud w /oil spots 100%m	0.210
0.00	45' gas in pipe	0.000

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8844

Outside Shakespeare Oil

Janzen #6-36

DST Test Number: 3

