



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc

16-14s-32w

202 N Main St
Salem, IL 62881

Ottley #4-16

Job Ticket: 53029

DST#: 1

ATTN: Tim Priest

Test Start: 2013.07.29 @ 04:15:00

GENERAL INFORMATION:

Formation: **Lansing "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:12:15

Time Test Ended: 12:48:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Cornelio Landa III

Unit No: 58

Interval: 3839.00 ft (KB) To 3864.00 ft (KB) (TVD)

Reference Elevations: 2818.00 ft (KB)

Total Depth: 3864.00 ft (KB) (TVD)

2808.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8355 Outside

Press @ RunDepth: 52.04 psig @ 3844.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.29

End Date: 2013.07.29

Last Calib.: 2013.07.29

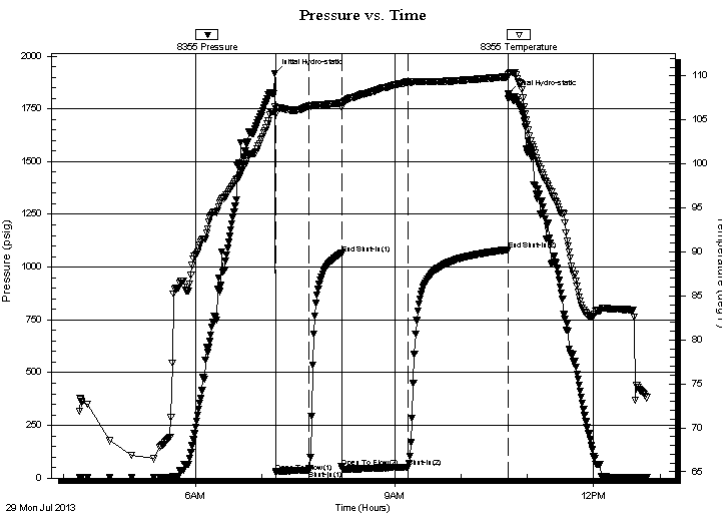
Start Time: 04:15:05

End Time: 12:48:15

Time On Btm: 2013.07.29 @ 07:11:45

Time Off Btm: 2013.07.29 @ 10:43:00

TEST COMMENT: IF: 2 1/4" Blow
IS: No return
FF: Weak surface blow after 18 mins. open-built to 1/4" blow
FS: No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1918.20	106.49	Initial Hydro-static
1	28.68	105.68	Open To Flow (1)
31	38.88	106.57	Shut-In(1)
60	1064.12	106.95	End Shut-In(1)
61	53.10	106.46	Open To Flow (2)
120	52.04	109.34	Shut-In(2)
211	1082.56	109.91	End Shut-In(2)
212	1819.41	110.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	OCM 15o 85m	0.34

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:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	OCM 15o 85m	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

