



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc

27-13s-31w Gove co

202 W Main st
Salem, IL 62881

Parsons #3-27

Job Ticket: 46885

DST#: 3

ATTN: Tim Priest

Test Start: 2013.02.18 @ 20:07:00

GENERAL INFORMATION:

Formation: " E-F "

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:56:30

Time Test Ended: 02:26:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4023.00 ft (KB) To 4044.00 ft (KB) (TVD)

Reference Elevations: 2888.00 ft (KB)

Total Depth: 4044.00 ft (KB) (TVD)

2878.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8845 Outside

Press @ Run Depth: 10.47 psig @ 4024.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.02.18

End Date: 2013.02.19

Last Calib.: 2013.02.19

Start Time: 20:07:05

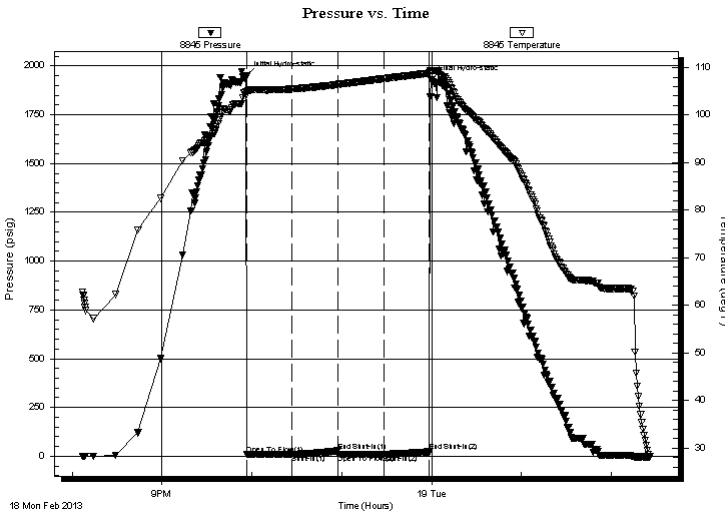
End Time: 02:25:59

Time On Btm: 2013.02.18 @ 21:56:15

Time Off Btm: 2013.02.18 @ 23:59:45

TEST COMMENT: IF: 1/2" blow.
IS: No return.
FF: No blow.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1948.60	104.85	Initial Hydro-static
1	8.47	104.36	Open To Flow (1)
31	10.19	105.47	Shut-In(1)
61	27.05	106.44	End Shut-In(1)
62	9.87	106.44	Open To Flow (2)
92	10.47	107.67	Shut-In(2)
123	22.91	108.81	End Shut-In(2)
124	1931.34	109.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m	0.02

* Recovery from multiple tests

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.49 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8845

Outside Shakespeare Oil Co., Inc

Parsons #3-27

DST Test Number: 3

