



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Company, Inc

14-14s-32w Logan Co, KS

202 W Main ST
Salem IL, 62881 - 1519

Ottley #6-14

Job Ticket: 57033

DST#: 4

ATTN: Tim Priest

Test Start: 2014.07.12 @ 20:30:00

GENERAL INFORMATION:

Formation: **Kansas City "L" Zone**

Deviated: No Whipstock: 42.00 ft (KB)

Time Tool Opened: 22:40:30

Time Test Ended: 02:44:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 75

Interval: 4099.00 ft (KB) To 4135.00 ft (KB) (TVD)

Total Depth: 4135.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2818.00 ft (KB)

2808.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8675

Inside

Press @ Run Depth: 18.80 psig @ 4100.00 ft (KB)

Start Date: 2014.07.12

End Date:

2014.07.13

Start Time: 20:30:15

End Time:

02:44:30

Capacity: 8000.00 psig

Last Calib.: 2014.07.13

Time On Btm: 2014.07.12 @ 22:40:00

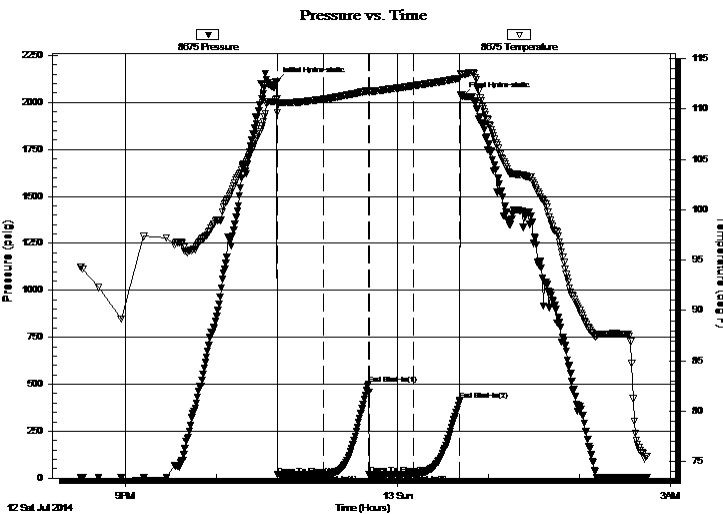
Time Off Btm: 2014.07.13 @ 00:42:45

TEST COMMENT: Surface blow , died in 23 min

No return blow

No blow

No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2110.50	111.02	Initial Hydro-static
1	16.99	109.65	Open To Flow (1)
31	18.57	110.99	Shut-In(1)
61	501.84	111.83	End Shut-In(1)
61	18.34	111.64	Open To Flow (2)
91	18.80	112.31	Shut-In(2)
121	412.55	113.06	End Shut-In(2)
123	2033.32	113.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% Mud	0.06

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Company, Inc

14-14s-32w Logan Co, KS

202 W Main ST
Salem IL, 62881 - 1519

Ottley #6-14

Job Ticket: 57033

DST#: 4

ATTN: Tim Priest

Test Start: 2014.07.12 @ 20:30:00

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: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% Mud	0.055

Total Length: 5.00 ft Total Volume: 0.055 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8675

Inside

Shakespeare Oil Company, Inc

Ottley #6-14

DST Test Number: 4

