



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespear Oil Co, Inc

21 14s 32w Logan, Ks

202 W. Main St.
Salem, IL 62881

Ottley 1-21

Job Ticket: 46676

DST#: 3

ATTN: Tim Priest

Test Start: 2012.04.02 @ 01:05:00

GENERAL INFORMATION:

Formation: **LKC "C-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:07:30

Time Test Ended: 10:40:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Waler

Unit No: 53

Interval: 3810.00 ft (KB) To 3842.00 ft (KB) (TVD)

Reference Elevations: 2763.00 ft (KB)

Total Depth: 3842.00 ft (KB) (TVD)

2753.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8678

Inside

Press @ Run Depth: 664.54 psig @ 3811.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.02

End Date: 2012.04.02

Last Calib.: 2012.04.02

Start Time: 01:05:05

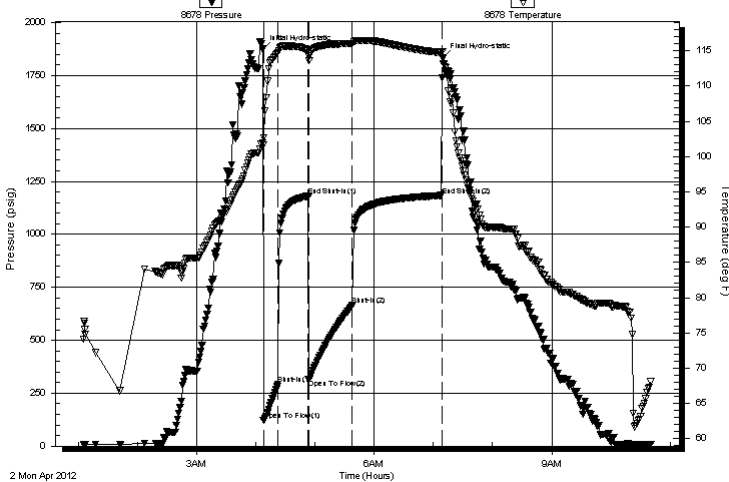
End Time: 10:40:45

Time On Btm: 2012.04.02 @ 04:07:00

Time Off Btm: 2012.04.02 @ 07:09:45

TEST COMMENT: IF: BOB @ 1 min.
IS: BOB @ 15 min.
FF: BOB @ 2 min.
FS: 2" return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1873.39	101.97	Initial Hydro-static
1	121.66	101.63	Open To Flow (1)
16	291.95	114.71	Shut-In(1)
46	1181.04	115.04	End Shut-In(1)
47	314.60	114.25	Open To Flow (2)
91	664.54	116.02	Shut-In(2)
182	1183.73	114.72	End Shut-In(2)
183	1834.08	113.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	ow cm 15o 40w 45m	1.77
915.00	smcgo 2m 40g 58o	9.10
885.00	smcgo 2m 45g 53o	8.80
0.00	560' GIP	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:

52000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
240.00	ow cm 15o 40w 45m	1.769
915.00	smcgo 2m 40g 58o	9.102
885.00	smcgo 2m 45g 53o	8.803
0.00	560' GIP	0.000

Total Length: 2040.00 ft Total Volume: 19.674 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .165 @ 60F = 52,000 ppm

Pressure vs. Time

