



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc

11 13s 32w Logan, Ks

202 W. Main St.
Salem, IL 62881

Teeter 1-11

Job Ticket: 53250

DST#: 5

ATTN: Tim Priest

Test Start: 2013.06.23 @ 03:21:00

GENERAL INFORMATION:

Formation: **LKC - K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:48:00

Time Test Ended: 11:10:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

Interval: 4248.00 ft (KB) To 4280.00 ft (KB) (TVD)

Total Depth: 4280.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2315.00 ft (KB)

2305.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8522 Outside

Press @ Run Depth: 126.61 psig @ 4249.00 ft (KB)

Start Date: 2013.06.23

End Date:

2013.06.23

Start Time: 03:21:05

End Time:

11:10:29

Capacity: 8000.00 psig

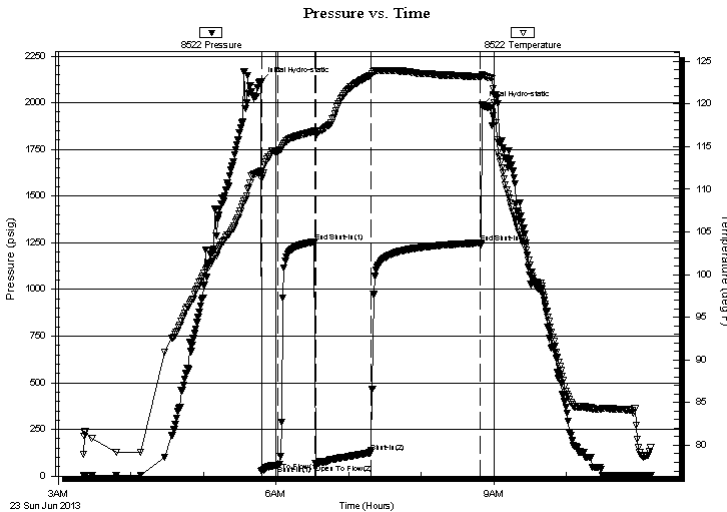
Last Calib.: 2013.06.23

Time On Btm: 2013.06.23 @ 05:47:45

Time Off Btm: 2013.06.23 @ 08:50:15

TEST COMMENT: IF: BOB @ 8 min.
IS: 1/2" return.
FF: BOB @ 5 min.
FS: 5" return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2111.49	112.10	Initial Hydro-static
1	25.26	111.25	Open To Flow (1)
14	58.83	114.51	Shut-In(1)
45	1255.56	116.81	End Shut-In(1)
45	65.86	116.45	Open To Flow (2)
91	126.61	123.36	Shut-In(2)
181	1249.63	123.19	End Shut-In(2)
183	1986.89	123.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gsw ocm 5g 1w 34o 60m	0.30
180.00	gmco 20g 35m 45o	2.00
60.00	go 50g 50o	0.84
0.00	1200' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	gsw ocm 5g 1w 34o 60m	0.295
180.00	gmco 20g 35m 45o	1.997
60.00	go 50g 50o	0.842
0.00	1200' GIP	0.000

Total Length: 300.00 ft

Total Volume: 3.134 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

