



**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: 53246

DST#: 1

ATTN: Tim Priest

Test Start: 2013.06.20 @ 03:24:00

GENERAL INFORMATION:

Formation: **LKC - B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:04:30

Time Test Ended: 10:44:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 53

Interval: 4045.00 ft (KB) To 4070.00 ft (KB) (TVD)

Reference Elevations: 2315.00 ft (KB)

Total Depth: 4070.00 ft (KB) (TVD)

2305.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8522 Outside

Press @ Run Depth: 70.65 psig @ 4046.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.06.20

End Date: 2013.06.20

Last Calib.: 2013.06.20

Start Time: 03:24:05

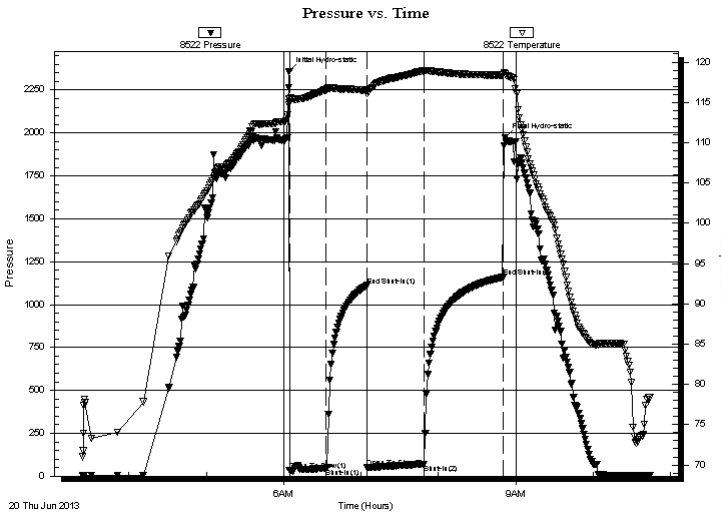
End Time: 10:43:59

Time On Btm: 2013.06.20 @ 06:04:15

Time Off Btm: 2013.06.20 @ 08:51:45

TEST COMMENT: IF: 2" blow.
FSI: No return.
FF: 1/2" Blow.
FSI: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2359.60	115.46	Initial Hydro-static
1	32.53	114.97	Open To Flow (1)
29	46.38	116.57	Shut-In(1)
61	1111.22	116.52	End Shut-In(1)
61	49.14	116.06	Open To Flow (2)
105	70.65	118.88	Shut-In(2)
166	1158.89	118.37	End Shut-In(2)
168	1973.97	118.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	w cm 40w 60m (oil spots in tool)	0.49

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:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

37000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	w cm 40w 60m (oil spots in tool)	0.492

Total Length: 100.00 ft Total Volume: 0.492 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .195 @ 72F = 37,000 ppm

Pressure vs. Time

