



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Comp, Inc

Frey 3-9

202 W. Main Street
Salem IL 62881

9/13s/32w Logan KS

ATTN: Steve Davis

Job Ticket: 041207

DST#: 1

Test Start: 2011.04.26 @ 12:32:15

GENERAL INFORMATION:

Formation: **Lansing D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:25:15

Time Test Ended: 18:57:00

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

Interval: 4063.00 ft (KB) To 4080.00 ft (KB) (TVD)

Reference Elevations: 2999.00 ft (KB)

Total Depth: 4080.00 ft (KB) (TVD)

2989.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6669 Outside

Press @ Run Depth: 88.24 psig @ 4075.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.26

End Date: 2011.04.26

Last Calib.: 2011.04.26

Start Time: 12:32:15

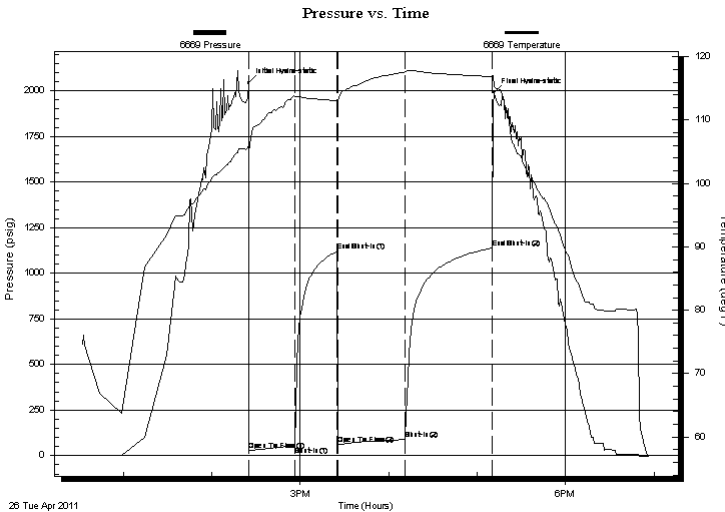
End Time: 18:57:00

Time On Btm: 2011.04.26 @ 14:25:00

Time Off Btm: 2011.04.26 @ 17:11:15

TEST COMMENT: IF: Built to 2" blow
IS: No return blow
FF: Built to 3" blow
FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2044.08	106.12	Initial Hydro-static
1	29.72	104.99	Open To Flow (1)
31	53.42	113.70	Shut-In(1)
60	1120.99	113.08	End Shut-In(1)
61	61.09	112.96	Open To Flow (2)
106	88.24	117.60	Shut-In(2)
166	1139.18	116.89	End Shut-In(2)
167	1992.86	115.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	free oil	0.00
115.00	m 100%m	0.57

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:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	free oil	0.005
115.00	m 100%m	0.575

Total Length: 116.00 ft Total Volume: 0.580 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

