



**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: 041210

DST#: 4

Test Start: 2011.04.30 @ 06:10:15

GENERAL INFORMATION:

Formation: **Ft Scott, Myric Stat**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:15:45

Time Test Ended: 12:03:00

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

Interval: 4420.00 ft (KB) To 4510.00 ft (KB) (TVD)

Reference Elevations: 2999.00 ft (KB)

Total Depth: 4510.00 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: 79.89 psig @ 4505.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.30 End Date: 2011.04.30

Last Calib.: 2011.04.30

Start Time: 06:10:15 End Time: 12:03:00

Time On Btm: 2011.04.30 @ 08:15:30

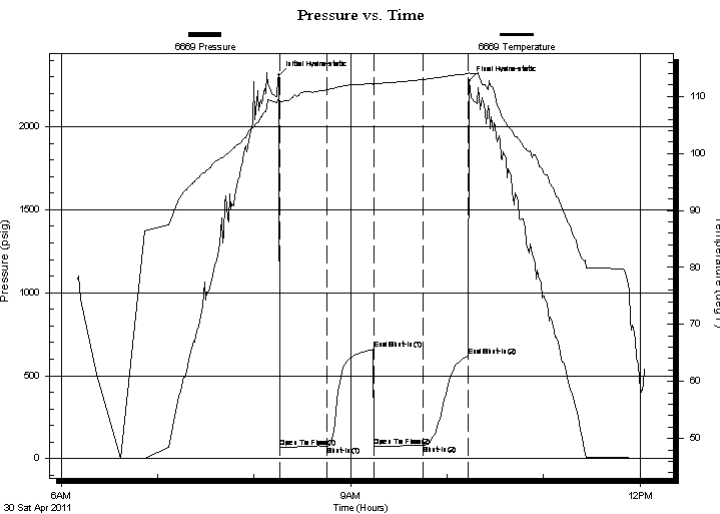
Time Off Btm: 2011.04.30 @ 10:13:45

TEST COMMENT: IF:Weak surface blow died in 3 min

IS:No return blow

FF:No blow

FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2310.39	109.72	Initial Hydro-static
1	67.18	109.16	Open To Flow (1)
30	75.72	111.16	Shut-In(1)
59	657.82	112.29	End Shut-In(1)
59	77.18	111.97	Open To Flow (2)
90	79.89	112.97	Shut-In(2)
118	618.81	114.00	End Shut-In(2)
119	2277.54	114.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	m	0.02

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

