



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

Rose #1-10

202 West Main St
Salem, IL
62881
ATTN: Tim Priest

10-16-34w Scott, Ks

Job Ticket: 44387

DST#: 2

Test Start: 2011.09.16 @ 19:40:38

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:29:08

Time Test Ended: 03:55:38

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 55

Interval: 4400.00 ft (KB) To 4450.00 ft (KB) (TVD)

Reference Elevations: 3128.00 ft (KB)

Total Depth: 4450.00 ft (KB) (TVD)

3118.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 6667 Outside

Press @ Run Depth: 1314.30 psig @ 4401.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.16

End Date:

2011.09.17

Last Calib.:

2011.09.17

Start Time: 19:40:38

End Time:

03:38:38

Time On Btm:

2011.09.16 @ 21:28:23

Time Off Btm:

2011.09.17 @ 00:31:38

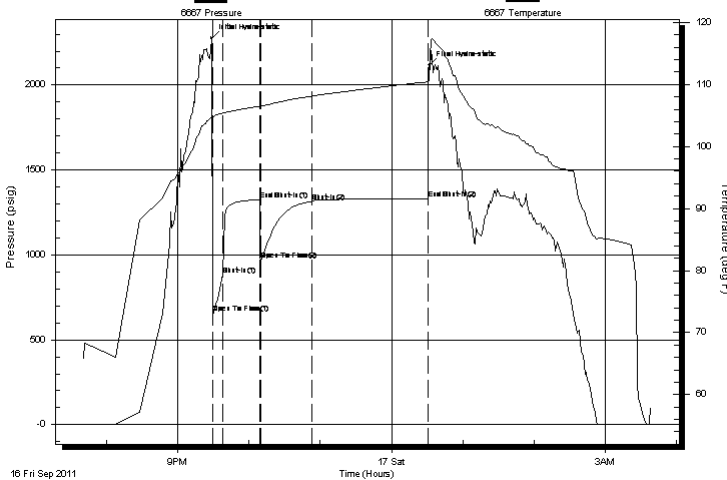
TEST COMMENT: B.O.B. in 1/2 min.

No return

B.O.B. in 1 min., Died back to 10" in.

No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2275.07	104.66	Initial Hydro-static
1	658.09	104.58	Open To Flow (1)
10	884.51	105.41	Shut-In(1)
41	1325.32	106.50	End Shut-In(1)
42	968.64	106.49	Open To Flow (2)
85	1314.30	108.13	Shut-In(2)
183	1331.39	110.43	End Shut-In(2)
184	2114.98	110.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2520.00	water 100%w reversed out	34.23
180.00	s m c w 5% m 95% w	2.52
140.00	m c w 20% m 80% w	1.96

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:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

42000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.56 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2520.00	water 100%w reversed out	34.229
180.00	s m c w 5%m 95%w	2.525
140.00	m c w 20%m 80%w	1.964

Total Length: 2840.00 ft Total Volume: 38.718 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .195 @ 60*f = 42,000 chlor

