



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

Frey #2-9

202 W. Main St.
Salem, IL 62881

Sec.9 13s32w Logan

ATTN: Tim Priest

Job Ticket: 29680

DST#: 1

Test Start: 2007.10.17 @ 10:06:00

GENERAL INFORMATION:

Formation: **L/KC "B & C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:58:15

Time Test Ended: 16:20:00

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: 4010.00 ft (KB) To 4060.00 ft (KB) (TVD)

Reference Elevations: 3009.00 ft (KB)

Total Depth: 4060.00 ft (KB) (TVD)

2999.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8017 Inside

Press@RunDepth: 347.20 psig @ 4012.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.10.17

End Date: 2007.10.17

Last Calib.: 2007.10.17

Start Time: 10:06:01

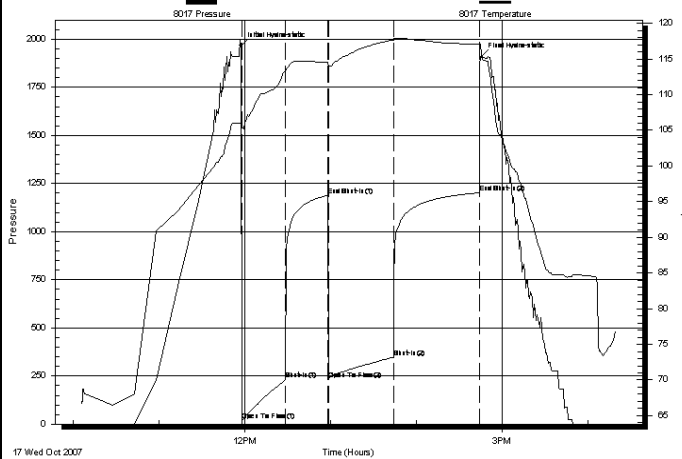
End Time: 16:20:00

Time On Btm: 2007.10.17 @ 11:57:15

Time Off Btm: 2007.10.17 @ 14:45:45

TEST COMMENT: IF: B.O.B. @ 20 min.
ISI: No return.
FF: B.O.B. @ 24 min.
FSI: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1964.99	105.99	Initial Hydro-static
1	19.58	105.49	Open To Flow(1)
32	229.51	113.24	Shut-In(1)
61	1188.89	114.49	End Shut-In(1)
62	232.31	114.03	Open To Flow(2)
107	347.20	117.67	Shut-In(2)
167	1201.65	117.11	End Shut-In(2)
169	1908.40	115.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
700.00	MCW 10%M 90%W	5.01

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: 17000ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.39 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1700.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
700.00	MCW 10%M 90%W	5.009

Total Length: 700.00ft Total Volume: 5.009 bbl

Num Fluid Samples:0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Spots of oil in tool.

RW: .340 @ 82 degrees F = 17000 chlorides.

