



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

Job Ticket: 29685

DST#:6

ATTN: Tim Priest

Test Start: 2007.10.20 @ 23:36:00

GENERAL INFORMATION:

Formation: **Marmaton/Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:16:45

Time Test Ended: 07:37:30

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: **4338.00 ft (KB) To 4441.00 ft (KB) (TVD)**

Total Depth: 4441.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3009.00 ft (KB)

2999.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8017

Inside

Press@RunDepth: 88.14 psig @ 4340.00 ft (KB)

Start Date: 2007.10.20

End Date:

2007.10.21

Capacity: 7000.00 psig

Last Calib.: 2007.10.21

Start Time: 23:36:01

End Time:

07:37:30

Time On Btm: 2007.10.21 @ 02:15:30

Time Off Btm: 2007.10.21 @ 05:03:15

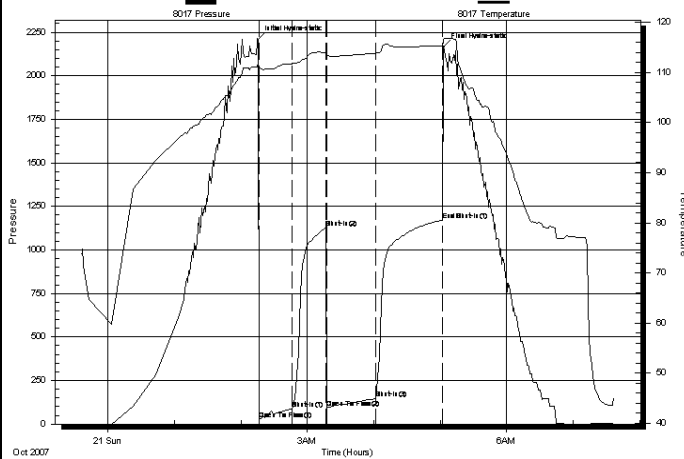
TEST COMMENT: IF: Blow built to 11".

ISI: No return.

FF: B.O.B. @ 29 min.

FSI: Return built to 4".

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2207.47	111.86	Initial Hydro-static
2	25.21	111.16	Open To Flow(1)
31	88.14	111.77	Shut-In(1)
62	1128.03	113.99	Shut-In(2)
62	90.84	113.64	Open To Flow(2)
107	146.72	113.82	Shut-In(3)
167	1171.29	115.35	End Shut-In(1)
168	2163.87	116.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	GOCM 10%G 15%O 75%M	0.44
235.00	GOCM 10%G 10%O 80%M	1.16

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: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2700.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	GOCM 10%G 15%O 75%M	0.443
235.00	GOCM 10%G 10%O 80%M	1.156

Total Length: 325.00ft Total Volume: 1.599 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 45 Feet of gas in pipe.

