



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Company, Inc

26-13-34 Logan Co KS

202 W. Main St.
Salem IL
62881
ATTN: Tim Priest

Younklin 1 36

Job Ticket: 49871

DST#: 6

Test Start: 2012.11.09 @ 00:02:15

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:56:45

Time Test Ended: 05:36:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4156.00 ft (KB) To 4195.00 ft (KB) (TVD)

Reference Elevations: 2885.00 ft (KB)

Total Depth: 4195.00 ft (KB) (TVD)

2880.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 6668 Outside

Press @ Run Depth: 23.22 psig @ 4158.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.11.09

End Date:

2012.11.09

Last Calib.: 2012.11.10

Start Time: 00:02:15

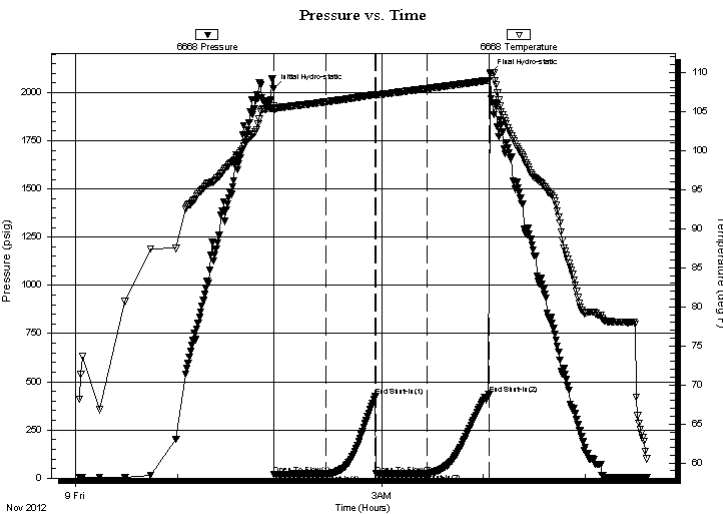
End Time:

05:36:30

Time On Btm: 2012.11.09 @ 01:56:15

Time Off Btm: 2012.11.09 @ 04:03:45

TEST COMMENT: IF:Weak surface blow
IS:No return blow
FF:No blow
FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2021.55	105.66	Initial Hydro-static
1	20.19	105.16	Open To Flow (1)
31	22.07	106.22	Shut-In(1)
60	423.37	107.16	End Shut-In(1)
61	21.64	107.03	Open To Flow (2)
91	23.22	107.93	Shut-In(2)
127	433.19	108.97	End Shut-In(2)
128	2100.08	109.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	0.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



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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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.12 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100% m	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

