



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50148

DST#: 6

ATTN: Tim Priest

Test Start: 2012.09.26 @ 17:06:00

GENERAL INFORMATION:

Formation: **" Pawnee- My ric"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:08:15

Time Test Ended: 01:02:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4338.00 ft (KB) To 4398.00 ft (KB) (TVD)

Reference Elevations: 2848.00 ft (KB)

Total Depth: 4398.00 ft (KB) (TVD)

2838.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

Serial #: 6772 Outside

Press @ Run Depth: 179.23 psig @ 4339.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.26

End Date:

2012.09.27

Last Calib.: 2012.09.27

Start Time: 17:06:05

End Time:

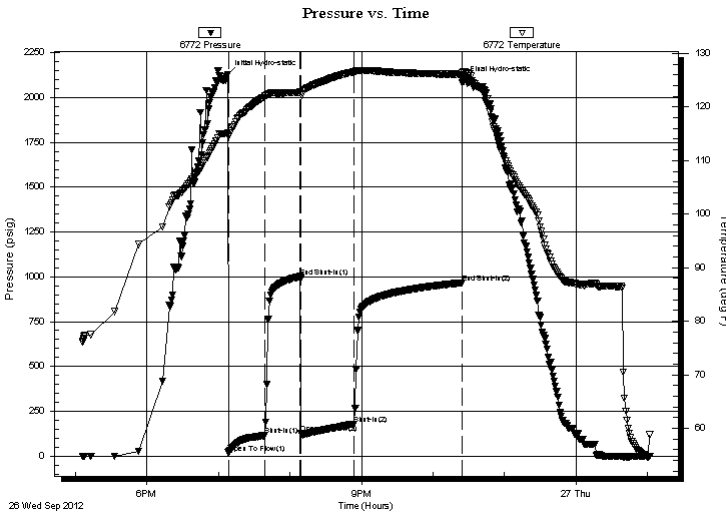
01:01:59

Time On Btm: 2012.09.26 @ 19:08:00

Time Off Btm: 2012.09.26 @ 22:25:15

TEST COMMENT: IF: BOB @ 22 min.
IS: Weak surface return.
FF: BOB @ 12 min.
FS: 6 1/2" return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2130.52	115.17	Initial Hydro-static
1	17.97	114.44	Open To Flow (1)
31	115.10	122.01	Shut-In(1)
61	1001.91	122.75	End Shut-In(1)
61	125.64	122.38	Open To Flow (2)
106	179.23	126.57	Shut-In(2)
197	966.83	126.09	End Shut-In(2)
198	2095.23	126.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	GOWCM 5o 15g 20w 60m	0.69
120.00	GOWCM 10o 15g 20w 55m	1.56
120.00	GOCM 20g 20o 60m	1.68
20.00	GOCM 10g 50o 50m	0.28
0.00	610' GIP	0.00

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:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
140.00	GOWCM 5o 15g 20w 60m	0.688
120.00	GOWCM 10o 15g 20w 55m	1.565
120.00	GOCM 20g 20o 60m	1.683
20.00	GOCM 10g 50o 50m	0.281
0.00	610' GIP	0.000

Total Length: 400.00 ft Total Volume: 4.217 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

