



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Company, Inc

**27-16s-34w Scott Co, KS**

202 West Main Street  
Salem IL, 62881

**Church Of God 2-27**

ATTN: Tim Priest

Job Ticket: 57270

**DST#: 2**

Test Start: 2014.09.15 @ 17:15:00

## GENERAL INFORMATION:

Formation: **Marmaton 'B&C'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:06:00

Time Test Ended: 00:16:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 75

**Interval: 4492.00 ft (KB) To 4545.00 ft (KB) (TVD)**

Reference Elevations: 3129.00 ft (KB)

Total Depth: 4545.00 ft (KB) (TVD)

3119.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 8675**

**Inside**

Press @ Run Depth: 30.34 psig @ 4493.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.09.15

End Date:

2014.09.16

Last Calib.:

2014.09.15

Start Time:

17:15:15

End Time:

00:16:45

Time On Btm:

2014.09.15 @ 20:05:45

Time Off Btm:

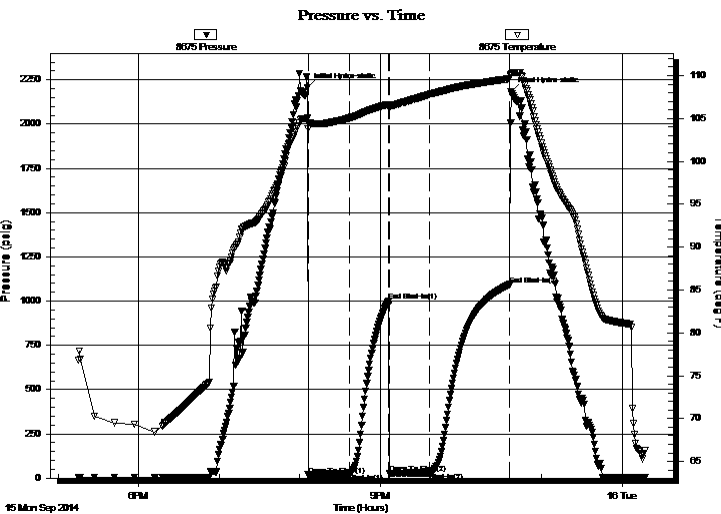
2014.09.15 @ 22:37:15

**TEST COMMENT:** Built to 1/4" blow

No return blow

No blow

No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2204.77	105.05	Initial Hydro-static
1	18.28	103.78	Open To Flow (1)
31	24.65	105.04	Shut-In(1)
61	999.09	106.64	End Shut-In(1)
61	26.85	106.19	Open To Flow (2)
91	30.34	107.81	Shut-In(2)
151	1093.11	109.63	End Shut-In(2)
152	2184.33	110.11	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% Mud w ith oil spots	0.05

\* Recovery from multiple tests

## 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:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 63.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 2.00 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
10.00	100% Mud w ith oil spots	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

