



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Company, Inc.

**28-16s-34w Scott Co, KS**

202 W Main ST  
Salem IL, 62881-1519

**Blakey 1-28**

Job Ticket: 61592

**DST#: 2**

ATTN: Tim Priest

Test Start: 2015.07.28 @ 00:25:00

## GENERAL INFORMATION:

Formation: **Kansas City 'J'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:28:45

Time Test Ended: 07:42:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 75

**Interval: 4296.00 ft (KB) To 4320.00 ft (KB) (TVD)**

Reference Elevations: 3150.00 ft (KB)

Total Depth: 4320.00 ft (KB) (TVD)

3143.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

**Serial #: 8675**

**Inside**

Press@RunDepth: 427.01 psig @ 4297.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.28

End Date:

2015.07.28

Last Calib.:

2015.07.28

Start Time: 00:25:15

End Time:

07:42:15

Time On Btm:

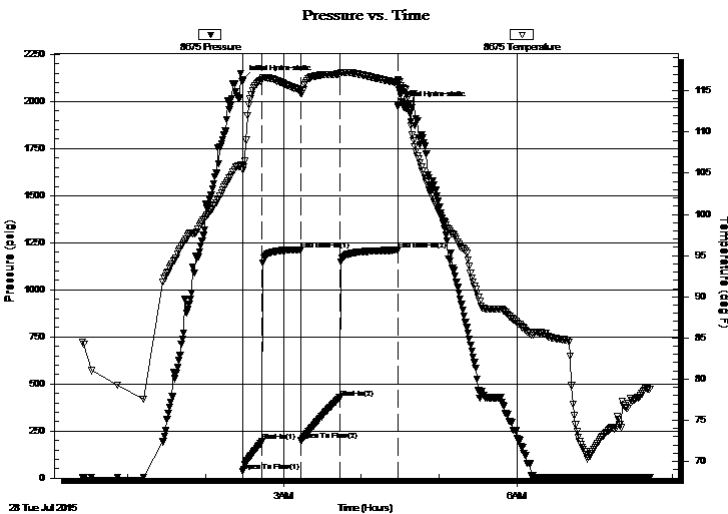
2015.07.28 @ 02:28:30

Time Off Btm:

2015.07.28 @ 04:28:30

**TEST COMMENT:** B.O.B. in 5 1/2 min.  
Bled off for 5 min, No return blow  
B.O.B. in 6 min.  
Bled off for 5 min, No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2114.97	106.08	Initial Hydro-static
1	35.54	105.36	Open To Flow (1)
15	194.04	116.32	Shut-In(1)
45	1214.01	115.11	End Shut-In(1)
46	199.24	114.64	Open To Flow (2)
75	427.01	117.03	Shut-In(2)
120	1211.13	116.02	End Shut-In(2)
120	1979.18	116.22	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
439.00	100% Water	5.03
252.00	mcw 20%M 80%W	3.53
219.00	mcw with oil scum 50%M 50%W	3.07

\* 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:

30000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
439.00	100% Water	5.028
252.00	mcw 20%M 80%W	3.535
219.00	mcw with oil scum 50%M 50%W	3.072

Total Length: 910.00 ft      Total Volume: 11.635 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .23 @ 70 F = 30,000

### Pressure vs. Time

