



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare oil Co.

**Janzen 1-16**

202 W. Main  
Salem IL 62881

**16,16,34,Scott,Ks**

Job Ticket: 41344

**DST#: 3**

ATTN: Tim Priest

Test Start: 2010.12.16 @ 22:30:39

## GENERAL INFORMATION:

Formation: **KC "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:49:09

Time Test Ended: 06:53:09

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

**Interval: 4309.00 ft (KB) To 4340.00 ft (KB) (TVD)**

Reference Elevations: 3149.00 ft (KB)

Total Depth: 4340.00 ft (KB) (TVD)

3139.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8319 Outside**

Press @ RunDepth: 572.32 psig @ 4310.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.12.16

End Date: 2010.12.17

Last Calib.: 2010.12.17

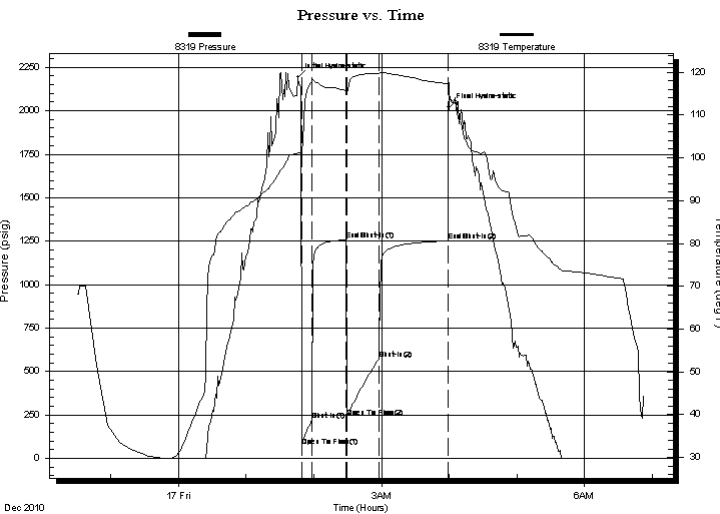
Start Time: 22:30:44

End Time: 06:53:08

Time On Btm: 2010.12.17 @ 01:46:09

Time Off Btm: 2010.12.17 @ 03:59:39

**TEST COMMENT:** IF-BOB in 3min  
ISI-Very weak surface blow  
FF-BOB in 3 1/2min  
FSI-No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2192.63	101.08	Initial Hydro-static
3	72.93	101.64	Open To Flow (1)
12	221.03	117.89	Shut-In(1)
43	1257.79	115.71	End Shut-In(1)
43	237.41	115.31	Open To Flow (2)
72	572.32	119.75	Shut-In(2)
133	1251.45	117.31	End Shut-In(2)
134	2020.73	117.48	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
870.00	Water	11.11
240.00	Oilspotted SMCW 15%M 85%W	3.37
120.00	Oilspotted MCW 40%M 60%W	1.68

## 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:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

88000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
870.00	Water	11.111
240.00	Oilspotted SMCW 15%M 85%W	3.367
120.00	Oilspotted MCW 40%M 60%W	1.683

Total Length: 1230.00 ft      Total Volume: 16.161 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

