



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil  
202 W Main  
Salem, IL  
62881  
ATTN: Brad Rien

**Ottley #2-16**  
**16-14-32 Logan, Ks**  
Job Ticket: 042176 **DST#: 3**  
Test Start: 2011.03.19 @ 15:45:49

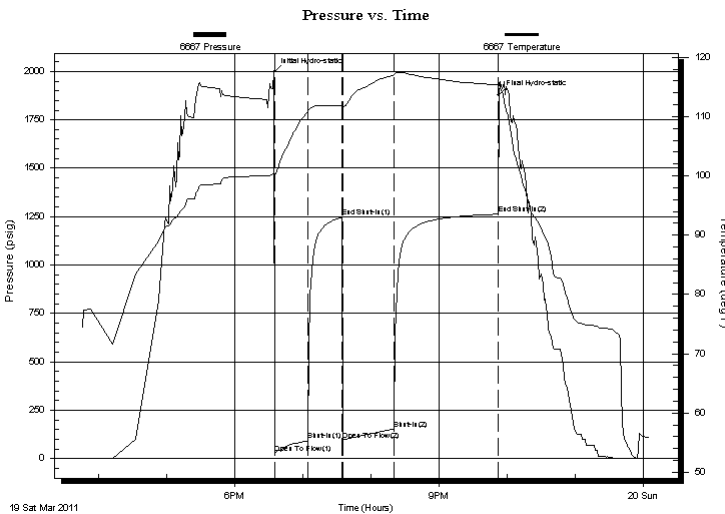
## GENERAL INFORMATION:

Formation: **J-K**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 18:34:49  
Time Test Ended: 00:25:49  
Interval: **4024.00 ft (KB) To 4070.00 ft (KB) (TVD)**  
Total Depth: 4070.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Reference Elevations: 2803.00 ft (KB)  
2795.00 ft (CF)  
KB to GR/CF: 8.00 ft  
Test Type: Conventional Bottom Hole  
Tester: Shane McBride  
Unit No: 55

**Serial #: 6667 Inside**  
Press @ Run Depth: 153.12 psig @ 4025.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2011.03.19 End Date: 2011.03.20 Last Calib.: 2011.03.19  
Start Time: 15:45:49 End Time: 00:05:49 Time On Btm: 2011.03.19 @ 18:34:19  
Time Off Btm: 2011.03.19 @ 21:52:34

**TEST COMMENT:** 8" in blow  
No return  
8 1/2" in blow  
No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1995.23	100.40	Initial Hydro-static
1	24.45	100.07	Open To Flow (1)
31	92.87	110.85	Shut-In(1)
61	1246.88	111.83	End Shut-In(1)
61	95.32	111.52	Open To Flow (2)
106	153.12	117.04	Shut-In(2)
198	1262.66	115.39	End Shut-In(2)
199	1880.43	115.44	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
240.00	s m c w 10% m 90% w	2.26
60.00	m c w 30% m 70% w	0.84

## 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: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 28500 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 3500.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	s m c w 10%m 90%w	2.264
60.00	m c w 30%m 70%w	0.842

Total Length: 300.00 ft      Total Volume: 3.106 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: 1 hr down time due to driller hitting gurt with head joint breaking head off of manifold, had to wait for new head to be brought out

