



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shelby Resources LLC  
2717 Canal Boulevard  
Suite C  
Hays, Kansas 67601  
ATTN: Charlie Sturdavant

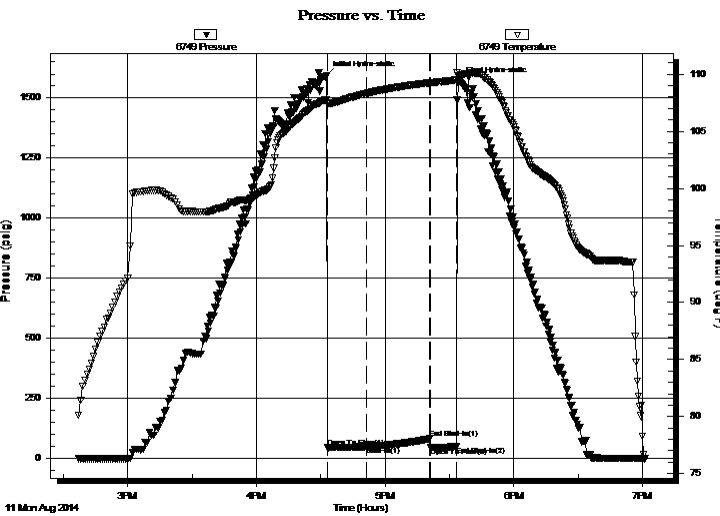
**22/18S/14W/Barton**  
**Wondra Farms #1-22**  
Job Ticket: 60255      **DST#: 1**  
Test Start: 2014.08.11 @ 14:36:00

## GENERAL INFORMATION:

Formation: **Lansing/Kansas City**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 16:33:00  
Time Test Ended: 19:01:00  
Interval: **3160.00 ft (KB) To 3225.00 ft (KB) (TVD)**  
Total Depth: 3225.00 ft (KB) (TVD)  
Hole Diameter: 7.80 inches      Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Ken Swinney  
Unit No: S1 Great Bend/24  
Reference Elevations: 1918.00 ft (KB)  
1909.00 ft (CF)  
KB to GR/CF: 9.00 ft

**Serial #: 6749      Inside**  
Press @ Run Depth: 50.19 psig @ 3221.37 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2014.08.11      End Date: 2014.08.11      Last Calib.: 2014.08.11  
Start Time: 14:37:00      End Time: 19:01:00      Time On Btm: 2014.08.11 @ 16:32:30  
Time Off Btm: 2014.08.11 @ 17:34:30

**TEST COMMENT:** 1ST Open      18 Minutes/Weak surface blow that died in 3 minutes  
1ST Shut In      30 Minutes/No blow back  
2ND Open      10 Minutes/Dead no blow /Flush tool no help/Pull test



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1591.74	107.77	Initial Hydro-static
1	46.19	107.46	Open To Flow (1)
19	50.19	108.31	Shut-In(1)
48	83.51	109.25	End Shut-In(1)
49	47.49	109.25	Open To Flow (2)
61	50.11	109.49	End Shut-In(2)
62	1567.36	109.91	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud 100%	0.00

## 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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: 2.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mud 100%	0.005

Total Length: 1.00 ft      Total Volume: 0.005 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

