



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Herman L. Loeb LLC  
 P.O.Box 838  
 Lawrenceville Il. 62439  
 ATTN: Tom Pronold

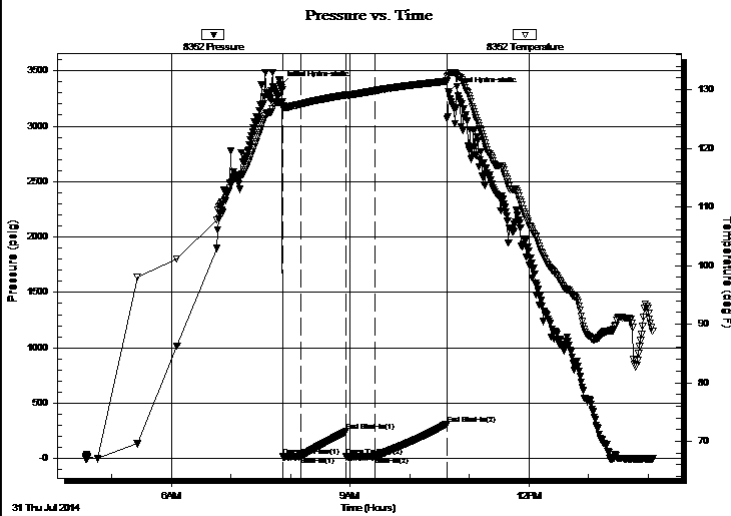
**22-33s-26w Meade Ks.**  
**Coolhand#1-22**  
 Job Ticket: 54239 **DST#: 3**  
 Test Start: 2014.07.31 @ 04:33:25

## GENERAL INFORMATION:

Formation: **Spergen**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 07:51:55  
 Time Test Ended: 14:05:10  
 Interval: **6326.00 ft (KB) To 6351.00 ft (KB) (TVD)**  
 Total Depth: 6351.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Gary Pevoteaux  
 Unit No: 56  
 Reference Elevations: 2293.00 ft (KB)  
 2282.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 8352 Outside**  
 Press@RunDepth: 19.01 psig @ 6327.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.07.31 End Date: 2014.07.31 Last Calib.: 2014.07.31  
 Start Time: 04:33:30 End Time: 14:05:10 Time On Btm: 2014.07.31 @ 07:49:55  
 Time Off Btm: 2014.07.31 @ 10:38:55

TEST COMMENT: IF:Weak blow . 1/2 - 2".  
 IS:No blow .  
 FF:Weak blow . Slow increase to 4".  
 FS:No blow .



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3361.97	127.92	Initial Hydro-static
2	17.57	126.84	Open To Flow (1)
20	18.54	127.51	Shut-In(1)
66	244.38	129.08	End Shut-In(1)
66	17.57	128.98	Open To Flow (2)
95	19.01	129.81	Shut-In(2)
168	313.05	131.44	End Shut-In(2)
169	3314.74	132.66	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drig.mud	0.05
0.00	110 ft.of GIP	0.00

\* 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:	4900 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4900.00 ppm			
Filter Cake: 0.20 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Drig.mud	0.049
0.00	110 ft.of GIP	0.000

Total Length: 10.00 ft      Total Volume: 0.049 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #: none  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

