



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Hutchinson Oil Co.  
PO Box 521  
Derby Kansas 67037  
ATTN: Jeff Burk

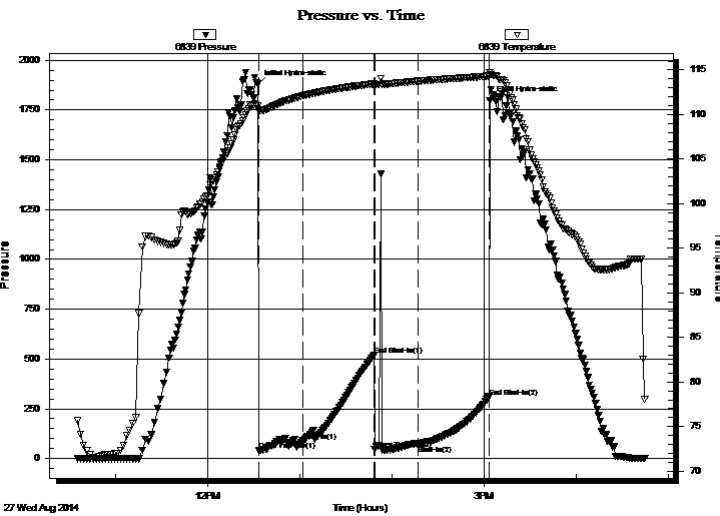
**6-23s-12w-52**  
**T&L #2**  
Job Ticket: 60310 **DST#: 1**  
Test Start: 2014.08.27 @ 10:34:00

## GENERAL INFORMATION:

Formation: **Simpson**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 12:33:00  
Time Test Ended: 16:44:30  
Interval: **3687.00 ft (KB) To 3732.00 ft (KB) (TVD)**  
Total Depth: 3732.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Dustin Ellis  
Unit No: S2-Great Bend-52  
Reference Elevations: 1856.00 ft (KB)  
1850.00 ft (CF)  
KB to GR/CF: 6.00 ft

**Serial #: 6839 Inside**  
Press@RunDepth: 68.20 psig @ 3727.00 ft (KB) Capacity: 5000.00 psig  
Start Date: 2014.08.27 End Date: 2014.08.27 Last Calib.: 2014.08.27  
Start Time: 10:35:00 End Time: 16:44:30 Time On Btm: 2014.08.27 @ 12:32:30  
Time Off Btm: 2014.08.27 @ 15:03:30

**TEST COMMENT:** 1st Open 30 minutes Weak surface blow died off after 16 minutes.  
1st Shut in 45 minutes No blow back  
2nd Open 30 minutes Dead flushed tool no help.  
2nd Shut in 45 minutes No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1879.84	110.95	Initial Hydro-static
1	39.79	110.41	Open To Flow (1)
29	88.65	112.09	Shut-In(1)
76	517.98	113.43	End Shut-In(1)
76	47.81	113.26	Open To Flow (2)
104	68.20	113.74	Shut-In(2)
151	310.31	114.31	End Shut-In(2)
151	1798.21	114.73	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.02

## 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: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.19 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
5.00	Mud 100%	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

