



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Hess Oil Co  
PO Box 1009  
Mcperson, KS 67460  
ATTN: Bill Stout

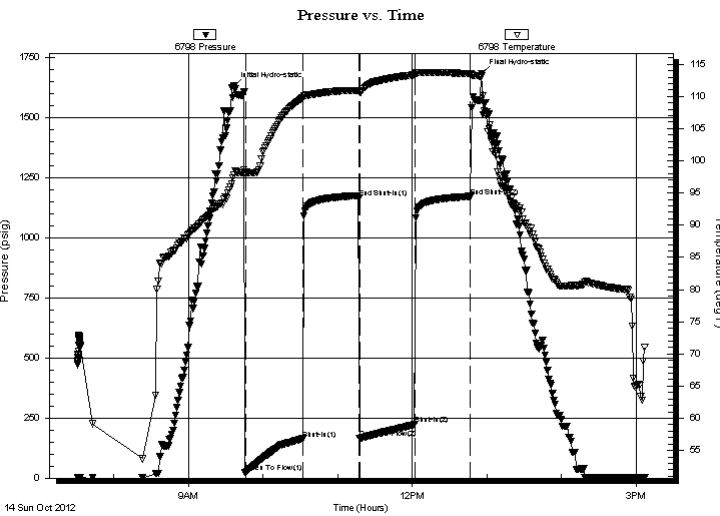
**26-18S-1E Marion**  
**Scully 1-26**  
Job Ticket: 49689      **DST#: 2**  
Test Start: 2012.10.14 @ 07:30:56

## GENERAL INFORMATION:

Formation: **Viola**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 09:45:56  
Time Test Ended: 15:07:11  
**Interval: 3177.00 ft (KB) To 3187.00 ft (KB) (TVD)**  
Total Depth: 3187.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Leal Cason  
Unit No: 45  
Reference Elevations: 1473.00 ft (KB)  
1464.00 ft (CF)  
KB to GR/CF: 9.00 ft

**Serial #: 6798      Inside**  
Press @ RunDepth: 223.20 psig @ 3178.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.10.14      End Date: 2012.10.14      Last Calib.: 2012.10.14  
Start Time: 07:30:57      End Time: 15:07:11      Time On Btm: 2012.10.14 @ 09:36:41  
Time Off Btm: 2012.10.14 @ 12:55:41

**TEST COMMENT:** IF: Fair Blow , Built to 10 inches  
IS: No Blow Back  
FF: Weak Blow , Built to 5 inches  
FS: No Blow Back

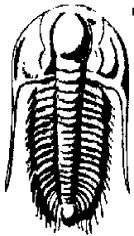


PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1631.48	97.86	Initial Hydro-static
10	25.34	98.21	Open To Flow (1)
55	163.38	109.73	Shut-In(1)
100	1165.42	110.90	End Shut-In(1)
101	164.66	110.63	Open To Flow (2)
146	223.20	113.34	Shut-In(2)
190	1172.75	113.50	End Shut-In(2)
199	1684.89	113.15	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
370.00	Water	2.73
90.00	WCM 50%W 50%M	1.26

\* Recovery from multiple tests

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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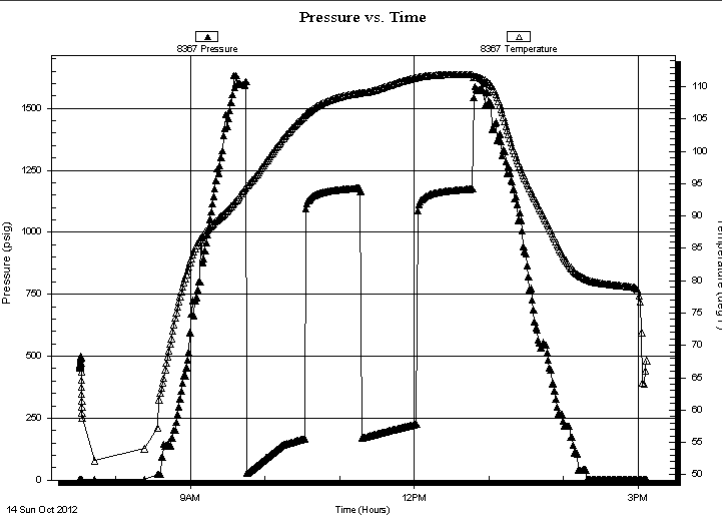
**26-18S-1E Marion**  
**Scully 1-26**  
Job Ticket: 49689      **DST#: 2**  
Test Start: 2012.10.14 @ 07:30:56

## GENERAL INFORMATION:

Formation: <b>Viola</b>			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)	
Time Tool Opened: 09:45:56		Tester: Leal Cason	
Time Test Ended: 15:07:11		Unit No: 45	
<b>Interval: 3177.00 ft (KB) To 3187.00 ft (KB) (TVD)</b>		Reference Elevations: 1473.00 ft (KB)	
Total Depth: 3187.00 ft (KB) (TVD)		1464.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 9.00 ft	

<b>Serial #: 8367</b>	<b>Outside</b>				
Press @ Run Depth:                      psig @	3178.00 ft (KB)	Capacity:	8000.00 psig		
Start Date: 2012.10.14	End Date: 2012.10.14	Last Calib.:	2012.10.14		
Start Time: 07:30:57	End Time: 15:06:56	Time On Btm:			
		Time Off Btm:			

**TEST COMMENT:** IF: Fair Blow , Built to 10 inches  
IS: No Blow Back  
FF: Weak Blow , Built to 5 inches  
FS: No Blow Back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
370.00	Water	2.73
90.00	WCM 50%W 50%M	1.26

\* Recovery from multiple tests

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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## FLUID SUMMARY

Hess Oil Co  
PO Box 1009  
Mcperson, KS 67460  
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**26-18S-1E Marion**  
**Scully 1-26**  
Job Ticket: 49689      **DST#: 2**  
Test Start: 2012.10.14 @ 07:30:56

### Mud and Cushion Information

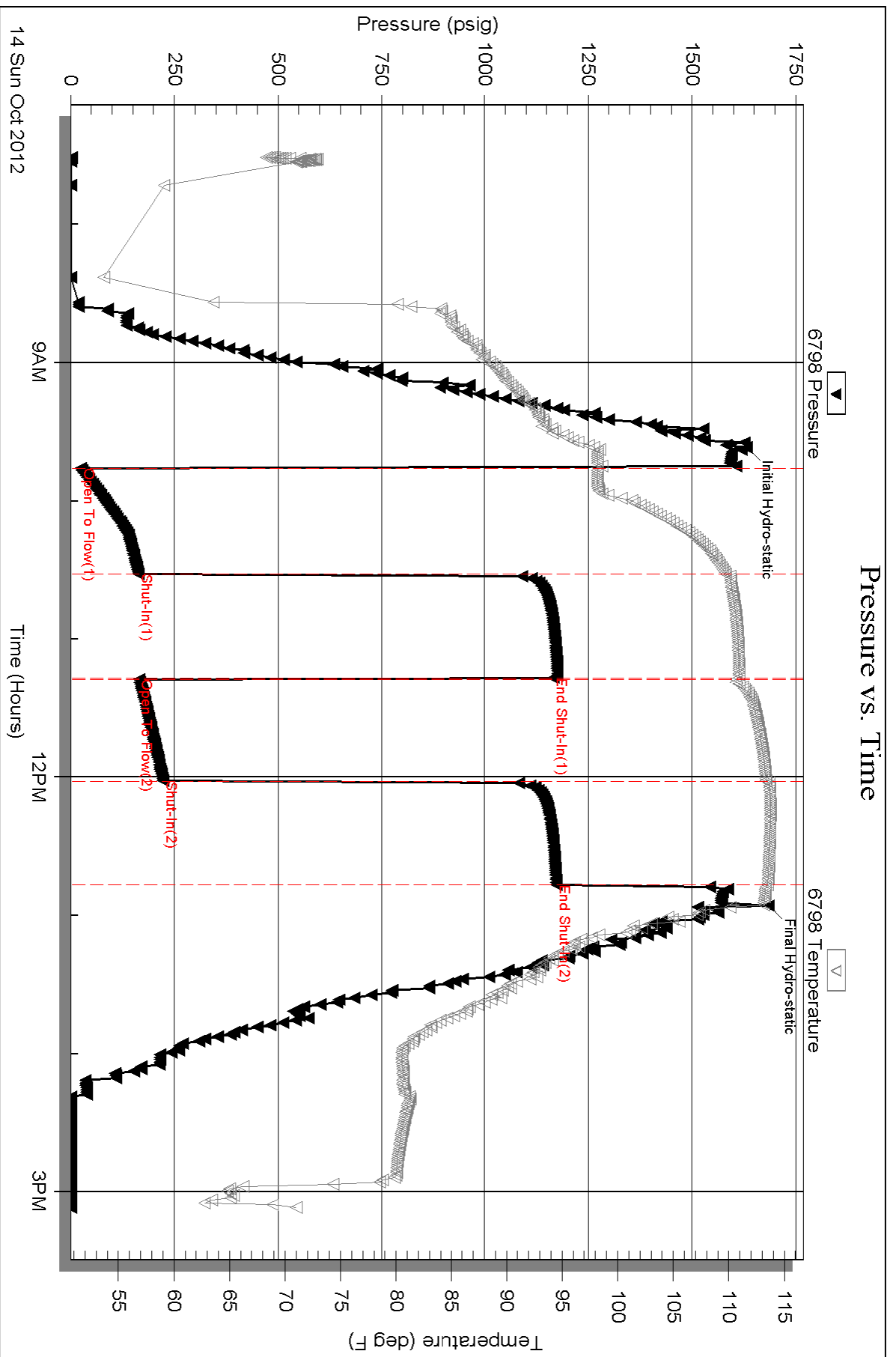
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 14000 ppm	
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: 0.02 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
370.00	Water	2.731
90.00	WCM 50%W 50%M	1.262

Total Length: 460.00 ft      Total Volume: 3.993 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: RW was .47 @ 70 degrees



Serial #: 8367

Outside Hess Oil Co

Scully 1-26

DST Test Number: 2

