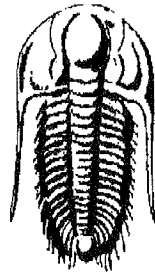


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IND



**TRILOBITE  
TESTING, INC.**

### DRILL STEM TEST REPORT

Prepared For: **Mustang Fuel Corp.**

13439 Broadway  
Oklahoma City OK 73114

ATTN: Doug Davis

**25 4 13 Nemaha KS**

**Rilinger #2-25**

Start Date: 2009.12.14 @ 18:26:09

End Date: 2009.12.15 @ 07:29:39

Job Ticket #: 38062                      DST #: 1

RECEIVED

JUL 22 2010

KCC WICHITA

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Mustang Fuel Corp.

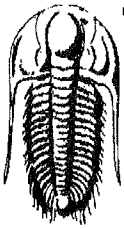
Rilinger #2-25

25 4 13 Nemaha KS

DST # 1

Viola

2009.12.14



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Mustang Fuel Corp.  
13439 Broadway  
Oklahoma City OK 73114  
ATTN: Doug Davis

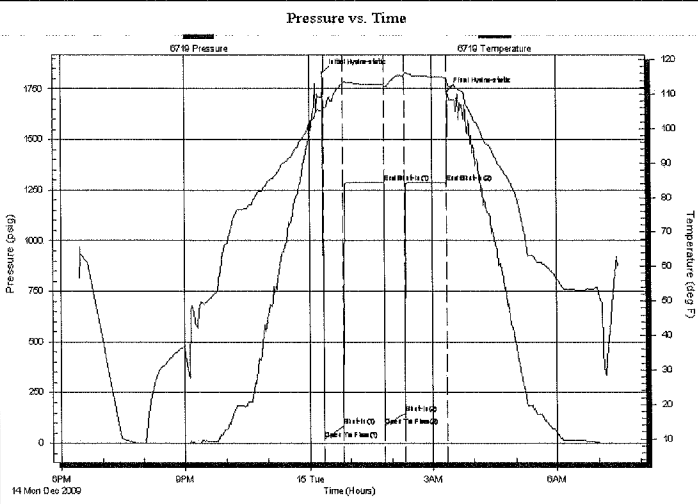
**Rilinger #2-25**  
**25 4 13 Nemaha KS**  
Job Ticket: 38062      **DST#: 1**  
Test Start: 2009.12.14 @ 18:26:09

## GENERAL INFORMATION:

Formation: **Viola**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 00:20:39  
Time Test Ended: 07:29:39  
Test Type: Conventional Bottom Hole  
Tester: Brett Dickinson  
Unit No:  
Interval: **3578.00 ft (KB) To 3596.00 ft (KB) (TVD)**  
Reference Elevations: 1301.00 ft (KB)  
Total Depth: 3596.00 ft (KB) (TVD)      1291.00 ft (CF)  
Hole Diameter: 7.88 inches      Hole Condition:      KB to GR/CF: 10.00 ft

**Serial #: 6719      Inside**  
Press@RunDepth: 146.66 psig @ 3579.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2009.12.14      End Date: 2009.12.15      Last Calib.: 2009.12.15  
Start Time: 18:26:14      End Time: 07:29:39      Time On Btm: 2009.12.15 @ 00:19:38  
Time Off Btm: 2009.12.15 @ 03:22:24

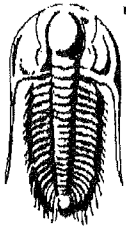
**TEST COMMENT:** IIF-1in blow built to 7.25in  
ISI-No blow  
FF-Surface blow built to 6in  
FSI-No blow



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1829.19	105.53	Initial Hydro-static
2	19.87	105.63	Open To Flow (1)
30	85.03	113.11	Shut-In(1)
90	1289.01	112.72	End Shut-In(1)
90	87.25	112.42	Open To Flow (2)
120	146.66	115.61	Shut-In(2)
182	1286.82	114.68	End Shut-In(2)
183	1737.54	114.05	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
1.00	Free oil	0.00
60.00	VSOCMW 5%O 95% muddy water	0.30
129.00	Muddy water	0.63

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Mustang Fuel Corp.  
13439 Broadway  
Oklahoma City OK 73114  
ATTN: Doug Davis

**Rilinger #2-25**  
**25 4 13 Nemaha KS**  
Job Ticket: 38062      **DST#: 1**  
Test Start: 2009.12.14 @ 18:26:09

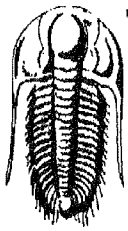
**Tool Information**

Drill Pipe:	Length: 3200.00 ft	Diameter: 2.70 inches	Volume: 22.66 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 360.00 ft	Diameter: 2.25 inches	Volume: 1.77 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 24.43 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3578.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3550.00	
Shut In Tool	5.00			3555.00	
Hydraulic tool	5.00			3560.00	
Jars	5.00			3565.00	
Safety Joint	3.00			3568.00	
Packer	5.00			3573.00	29.00      Bottom Of Top Packer
Packer	5.00			3578.00	
Stubb	1.00			3579.00	
Recorder	0.00	6669	Inside	3579.00	
Recorder	0.00	6719	Inside	3579.00	
Perforations	14.00			3593.00	
Bullnose	3.00			3596.00	18.00      Bottom Packers & Anchor

**Total Tool Length: 47.00**



**TRILOBITE**  
**TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Mustang Fuel Corp.

**Rilinger #2-25**

13439 Broadway  
Oklahoma City OK 73114

**25 4 13 Nemaha KS**

Job Ticket: 38062

**DST#: 1**

ATTN: Doug Davis

Test Start: 2009.12.14 @ 18:26:09

**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: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.36 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 710.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
1.00	Free oil	0.005
60.00	VSOCMW 5%O 95% muddy water	0.295
129.00	Muddy water	0.634

Total Length: 190.00 ft      Total Volume: 0.934 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time

