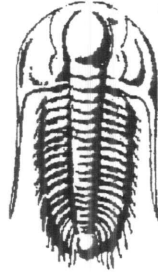


4-12-22W



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **WE Energy LLC**

6475 Perimeter Dr  
Dublin OH 43016

ATTN: Jim Hall

**4 12 22 TREGO KS**  
**W**  
**EHR Farms**

Start Date: 2006.12.16 @ 23:10:41

End Date: 2006.12.17 @ 09:27:41

Job Ticket #: 26149                      DST #: 1

*E2 W2 NW*  
*1320 FNL 990 FWL*

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

WE Energy LLC  
EHR Farms  
4 12 22 TREGO KS  
W  
DST # 1  
Marmaton  
2006.12.16  
15-195-22410



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

WE Energy LLC  
 6475 Perimeter Dr  
 Dublin OH 43016  
 ATTN: Jim Hall

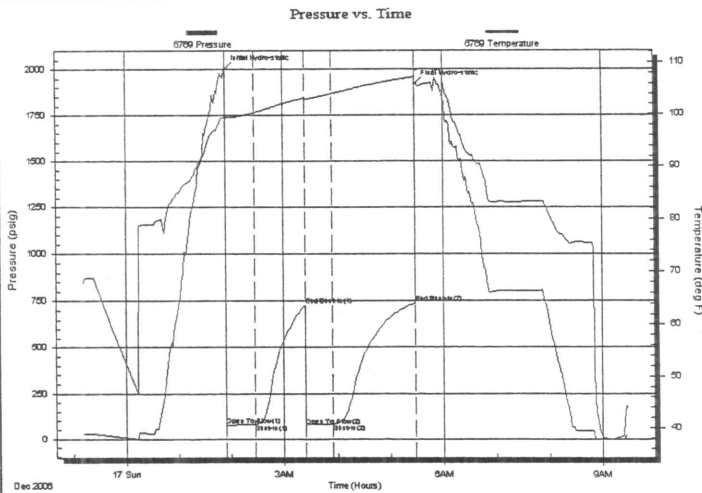
**EHR Farms**  
**4 12 22 TREGO KS**  
 Job Ticket: 26149      **DST#: 1**  
 Test Start: 2006.12.16 @ 23:10:41

**GENERAL INFORMATION:**

Formation: **Marmaton**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 01:54:26  
 Time Test Ended: 09:27:41  
 Interval: **4031.00 ft (KB) To 4069.00 ft (KB) (TVD)**  
 Total Depth: 4069.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Michael Armbrister  
 Unit No: 24  
 Reference Elevations: 2409.00 ft (KB)  
 2404.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 6769      Inside**  
 Press@RunDepth: 80.16 psig @ 4033.01 ft (KB)      Capacity: 7000.00 psig  
 Start Date: 2006.12.16      End Date: 2006.12.17      Last Calib.: 2006.12.16  
 Start Time: 23:10:43      End Time: 09:27:41      Time On Btm: 2006.12.17 @ 01:54:11  
 Time Off Btm: 2006.12.17 @ 05:28:56

**TEST COMMENT:** IF Weak surface blow died 20 m  
 ISI Dead  
 FF Dead  
 FSI Dead



**PRESSURE SUMMARY**

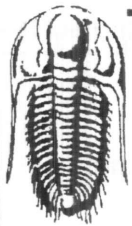
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2000.50	99.69	Initial Hydro-static
1	75.61	98.82	Open To Flow (1)
33	80.49	100.36	Shut-In(1)
90	726.96	103.19	End Shut-In(1)
91	69.15	103.02	Open To Flow (2)
121	80.16	103.97	Shut-In(2)
215	738.94	107.20	End Shut-In(2)
215	1919.39	108.05	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
18.00	Oil spotted Drilling Mud	0.09

**Gas Rates**

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

WE Energy LLC

**EHR Farms**

6475 Perimeter Dr  
Dublin OH 43016

**4 12 22 TREGO KS**

Job Ticket: 26149

**DST#: 1**

ATTN: Jim Hall

Test Start: 2006.12.16 @ 23:10:41

### Tool Information

Drill Pipe:	Length: 3964.00 ft	Diameter: 3.80 inches	Volume: 55.60 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 55.90 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	4031.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.02 ft			
Tool Length:	65.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4009.00	
Hydraulic tool	5.00			4014.00	
Jars	5.00			4019.00	
Safety Joint	2.00			4021.00	
Packer	5.00			4026.00	27.00 Bottom Of Top Packer
Packer	5.00			4031.00	
Stubb	1.00			4032.00	
Perforations	1.00			4033.00	
Recorder	0.01	6769	Inside	4033.01	
Blank Spacing	30.00			4063.01	
Perforations	3.00			4066.01	
Recorder	0.01	13548	Outside	4066.02	
Bullnose	3.00			4069.02	38.02 Bottom Packers & Anchor

**Total Tool Length: 65.02**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

WE Energy LLC

**EHR Farms**

6475 Perimeter Dr  
Dublin OH 43016

**4 12 22 TREGO KS**

Job Ticket: 26149

**DST#: 1**

ATTN: Jim Hall

Test Start: 2006.12.16 @ 23:10:41

## 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:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.39 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	8000.00 ppm				
Filter Cake:	inches				

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
18.00	Oil spotted Drilling Mud	0.089

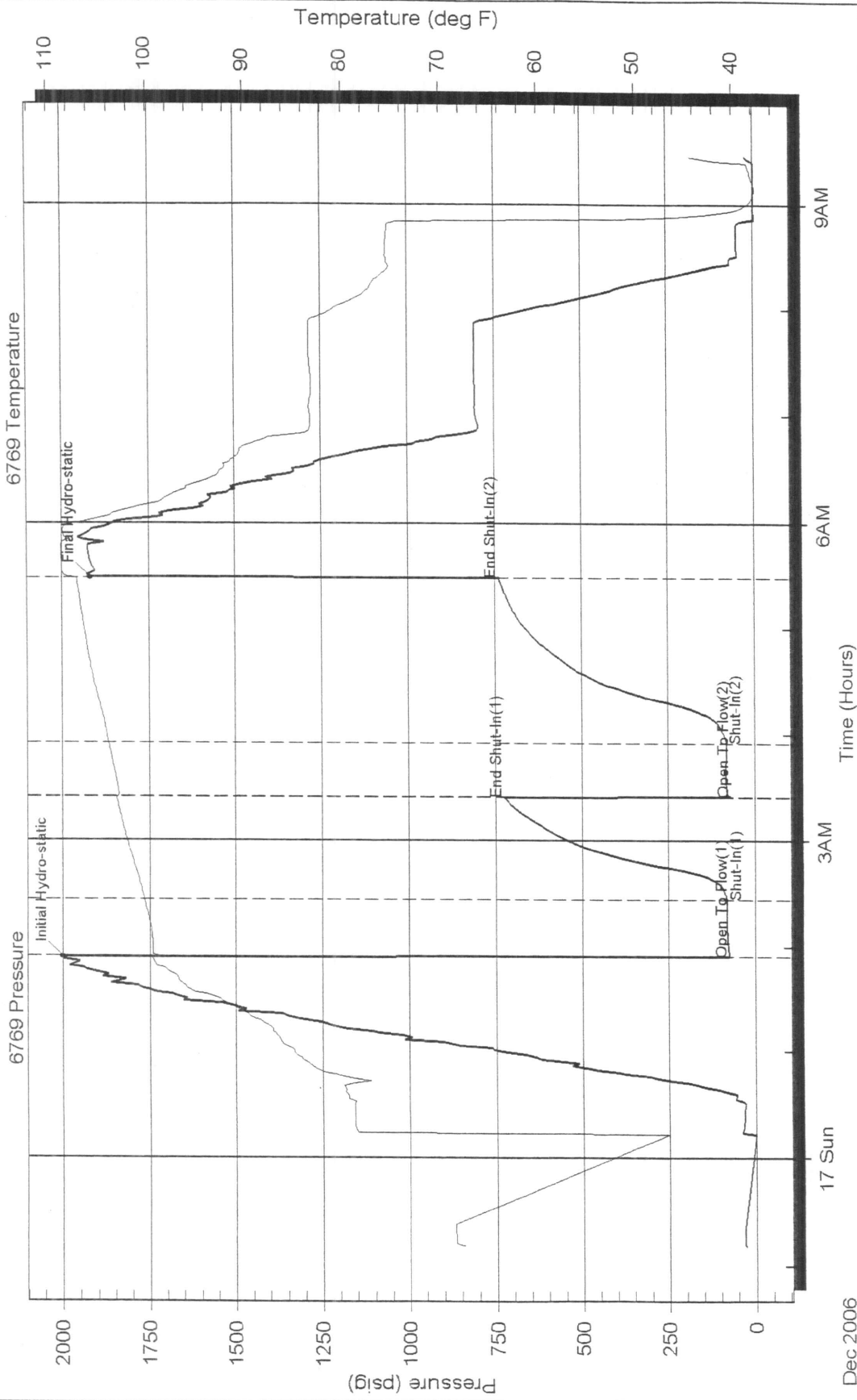
Total Length: 18.00 ft      Total Volume: bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

### Pressure vs. Time



SCANNED  
KGS Wichita Office