

# DIAMOND TESTING

## General Information Report

### General Information

**Company Name** MULL DRILLING COMPANY, INC.  
**Contact** MARK SHREVE  
**Well Name** CURTIS UNIT #2-31  
**Unique Well ID** DST #4, MARMATON, 4095-4200  
**Surface Location** SEC 31-15S-26W, GOVE CO. KS.  
**Field** HORCHEM WEST  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #4, MARMATON, 4095-4200  
**Well Fluid Type** 01 Oil

**Representative** TIM VENTERS  
**Well Operator** MULL DRILLING COMPANY, INC.  
**Report Date** 2014/04/21  
**Prepared By** TIM VENTERS  
**Qualified By** KEVIN KESSLER

**Start Test Date** 2014/04/21  
**Final Test Date** 2014/04/21

**Start Test Time** 02:41:00  
**Final Test Time** 08:14:00

### Test Recovery:

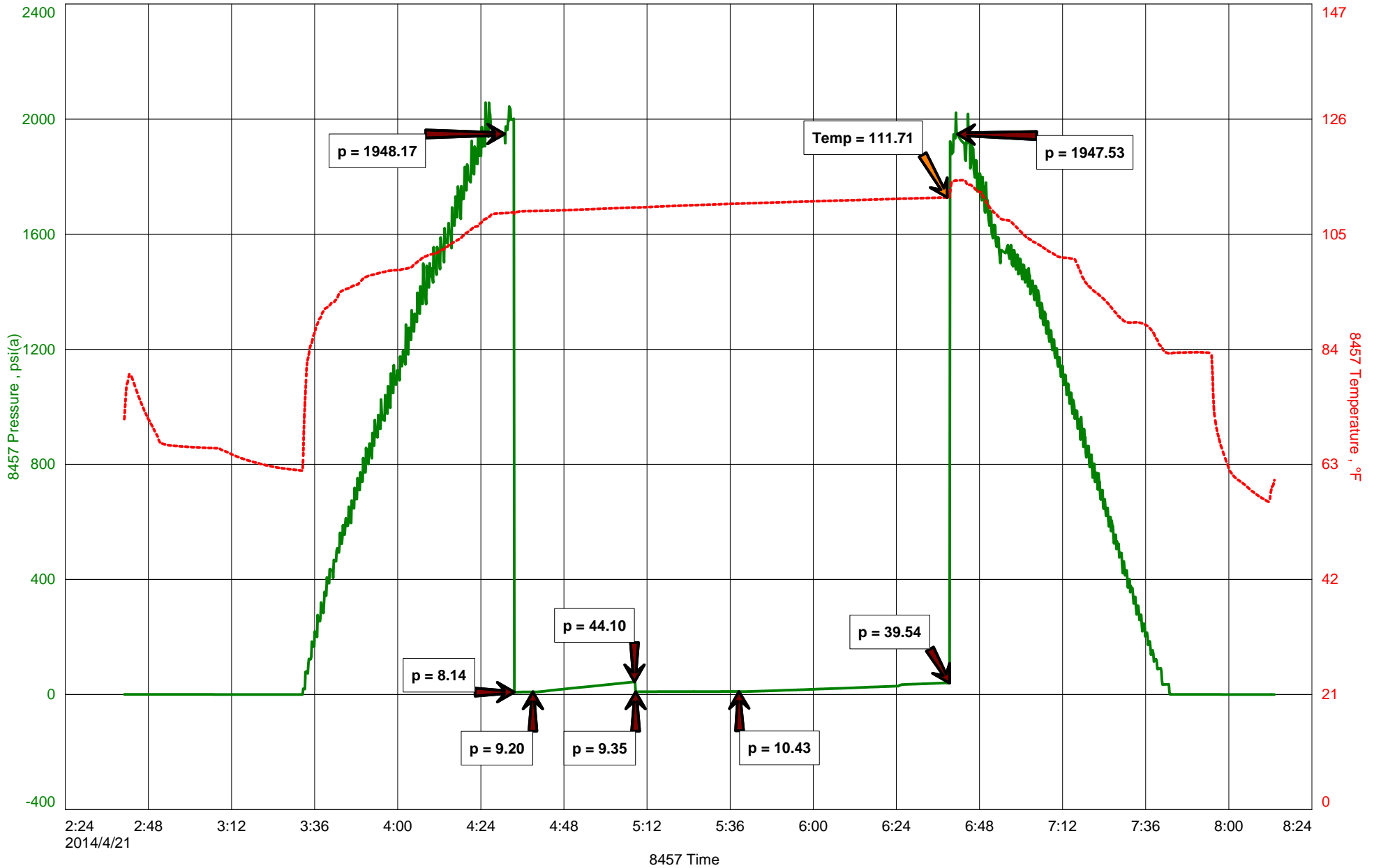
RECOVERED: 5' MUD

TOOL SAMPLE: 100% MUD

MULL DRILLING COMPANY, INC.  
DST #4, MARMATON, 4095-4200  
Start Test Date: 2014/04/21  
Final Test Date: 2014/04/21

CURTIS UNIT #2-31  
Formation: DST #4, MARMATON, 4095-4200  
Pool: HORCHEM WEST  
Job Number: T337

# CURTIS UNIT #2-31





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: CURTISUNIT2-31DST4

TIME ON: 02:41  
TIME OFF: 08:14

Company MULL DRILLING COMPANY, INC. Lease & Well No. CURTIS UNIT #2-31  
Contractor WW DRILLING, LLC RIG #10 Charge to MULL DRILLING COMPANY, INC.  
Elevation 2513 KB Formation MARMATON Effective Pay \_\_\_\_\_ Ft. Ticket No. T337  
Date 4-21-14 Sec. 31 Twp. 15 S Range 26 W County GOVE State KANSAS  
Test Approved By KEVIN KESSLER Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 4 Interval Tested from 4095 ft. to 4200 ft. Total Depth 4200 ft.  
Packer Depth 4090 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4095 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4076 ft. Recorder Number 8457 Cap. 10,000 P.S.I.  
Bottom Recorder Depth (Outside) 4197 ft. Recorder Number 11029 Cap. 5,025 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 46 Drill Collar Length 123 ft. I.D. 2 1/4 in.  
Weight 9.3 Water Loss 7.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 4,400 P.P.M. Drill Pipe Length 3939 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 42 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. <sup>63' DP IN ANCHOR</sup> Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/4 INCH BLOW THROUGHOUT PERIOD. (NO BB)  
2nd Open: NO BLOW THROUGHOUT PERIOD. (NO BB)

Recovered 5 ft. of MUD  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: _____	Price Job
TOOL SAMPLE: 100% MUD	Other Charges
	Insurance
	Total

Time Set Packer(s) 4:33 AM <sup>A.M.</sup> P.M. Time Started Off Bottom 6:38 AM <sup>A.M.</sup> P.M. Maximum Temperature 112 deg.

Initial Hydrostatic Pressure..... (A) 1948 P.S.I.  
Initial Flow Period..... Minutes 5 (B) 8 P.S.I. to (C) 9 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 44 P.S.I.  
Final Flow Period..... Minutes 30 (E) 9 P.S.I. to (F) 10 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 40 P.S.I.  
Final Hydrostatic Pressure..... (H) 1948 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.