



**DIAMOND TESTING**  
 P.O. Box 157  
 HOISINGTON, KANSAS 67544  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: erb1-24dst2

TIME ON: 04:57  
 TIME OFF: 14:44

Company Mull Drilling Company Inc. Lease & Well No. Erb Unit #1-24  
 Contractor WW Rig #6 Charge to Mull Drilling Company Inc.  
 Elevation 2234 KB Formation Cher Snd Effective Pay \_\_\_\_\_ Ft. Ticket No. S0451  
 Date 5-13-14 Sec. 24 Twp. 19 S Range 23 W County Ness State KANSAS  
 Test Approved By Kevin Kessler Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 4295 ft. to 4365 ft. Total Depth 4365 ft.

Packer Depth 4290 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 4295 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4276 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4328 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 65 Drill Collar Length 121 ft. I.D. 2 1/4 in.

Weight 9.5 Water Loss 7.6 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in.

Chlorides 5,000 P.P.M. Drill Pipe Length 4141 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NA Reversed Out YES Anchor Length 70 (40.5A) ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 10" Blow- Built to BB in 45 seconds 3" BB

2nd Open: BB Blow 1/2" BB

Recovered 315 ft. of GIP

Recovered 219 ft. of CO 100% O GRAVITY: 30.5 @ 60 degrees F

Recovered 3402 ft. of CO 100% O (circ to truck)

Recovered 63 ft. of HMCO 60% O 40% M (below sub)

Recovered 61 ft. of SLMCO 90% O 10% M (below sub) Price Job

Recovered 61 ft. of VSLMCO 99% O 1% M (below sub) Other Charges

Remarks: 3806ft TOTAL FLUID Insurance

TOOL SAMPLE: 100% O Total

Time Set Packer(s) 7:00 AM A.M. P.M. Time Started Off Bottom 10:35 AM A.M. P.M. Maximum Temperature 128

Initial Hydrostatic Pressure..... (A) 2086 P.S.I.

Initial Flow Period..... Minutes 5 (B) 410 P.S.I. to (C) 574 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 1362 P.S.I.

Final Flow Period..... Minutes 60 (E) 593 P.S.I. to (F) 1339 P.S.I.

Final Closed In Period..... Minutes 120 (G) 1364 P.S.I.

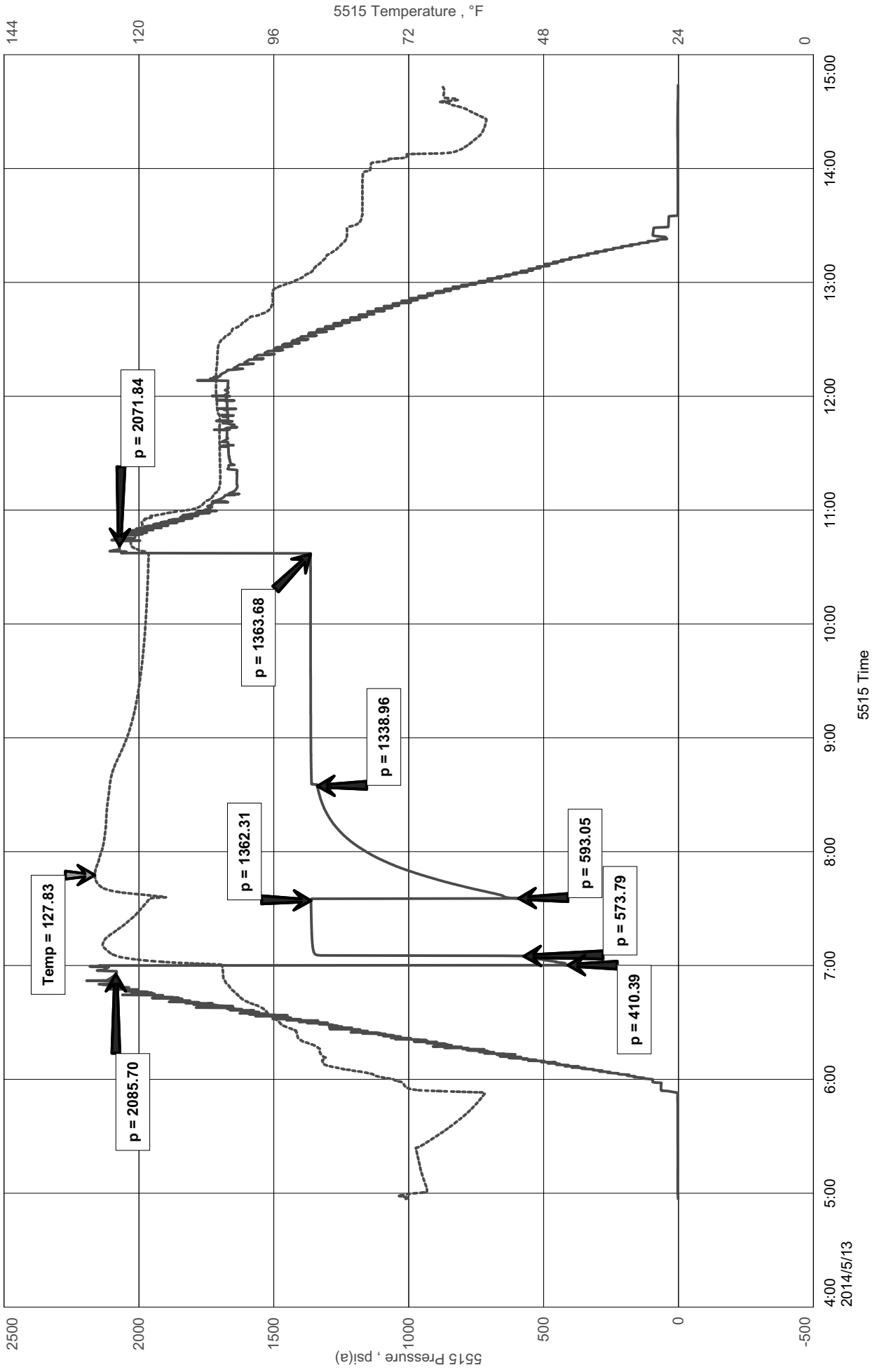
Final Hydrostatic Pressure..... (H) 2072 P.S.I.

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.

Mull Drilling Company Inc.  
DST #2 Cher Snd 4295-4365'  
Start Test Date: 2014/05/13  
Final Test Date: 2014/05/13

Erb Unit #1-24  
Formation: DST #2 Cher Snd 4295-4365'  
Pool: WC  
Job Number: S0450

# Erb Unit #1-24



# Diamond Testing

## General information Report

### General Information

Company Name Mull Drilling Company Inc.

Contact	Mark Shreve	Job Number	S0450
Well Name	Erb Unit #1-24	Representative	Jacob McCallie
Unique Well ID	DST #2 Cher Snd 4295-4365'	Well Operator	Mull Drilling Company Inc.
Surface Location	SEC 24-19S-23W Ness County	Report Date	2014/05/13
Well License Number		Prepared By	Jacob McCallie
Field	WC		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #2 Cher Snd 4295-4365'		
Well Fluid Type	01 Oil	Start Test Time	04:57:00
		Final Test Time	14:44:00
Start Test Date	2014/05/13		
Final Test Date	2014/05/13		
Gauge Name	5515		
Gauge Serial Number			

### Test Results

#### RECOVERED:

315'	GIP		
219'	CO	100% O	Gravity: 30.5 @ 60 degrees F
3,402	CO	100% O (circ to truck)	

#### BELOW SUB

63'	HMCO	60% O 40% M
DC 61'	SLMCO	90% O 10% M
DC 61'	VSLMCO	99% O 1% M
3806'	TOTAL FLUID	

#### TOOL SAMPLE:

100% O