



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: McDBro#1-14Dst#2

TIME ON: 18:12 09-16-14  
TIME OFF: 00:11 9-17

Company Mull Drilling Lease & Well No. McDonald Brothers #1-14  
Contractor WW Rig #10 Charge to Mull Drilling  
Elevation 2202KB Formation \_\_\_\_\_ Miss Effective Pay \_\_\_\_\_ Ft. Ticket No. SO501  
Date 9-16-14 Sec. 14 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 4235 ft. to 4335 ft. Total Depth 4335 ft.  
Packer Depth 4230 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4235 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4216 ft. Recorder Number 5515 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 4302 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 52 Drill Collar Length 123 ft. I.D. 2 1/4 in.  
Weight 9.0 Water Loss 11.2 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides 9400 P.P.M. Drill Pipe Length 4079 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? NO Reversed Out No Anchor Length 100(37a) 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: 1/4" Blow- Built to 1/2" in 30mins NOBB  
2nd Open: No Blow - No build NOBB

Recovered <u>8</u> ft. of <u>MUD</u> <u>100% M</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOOL SAMPLE: 100% M</u>	Insurance
	Total

Time Set Packer(s) 8:18pm A.M. P.M. Time Started Off Bottom 10:23pm A.M. P.M. Maximum Temperature 111

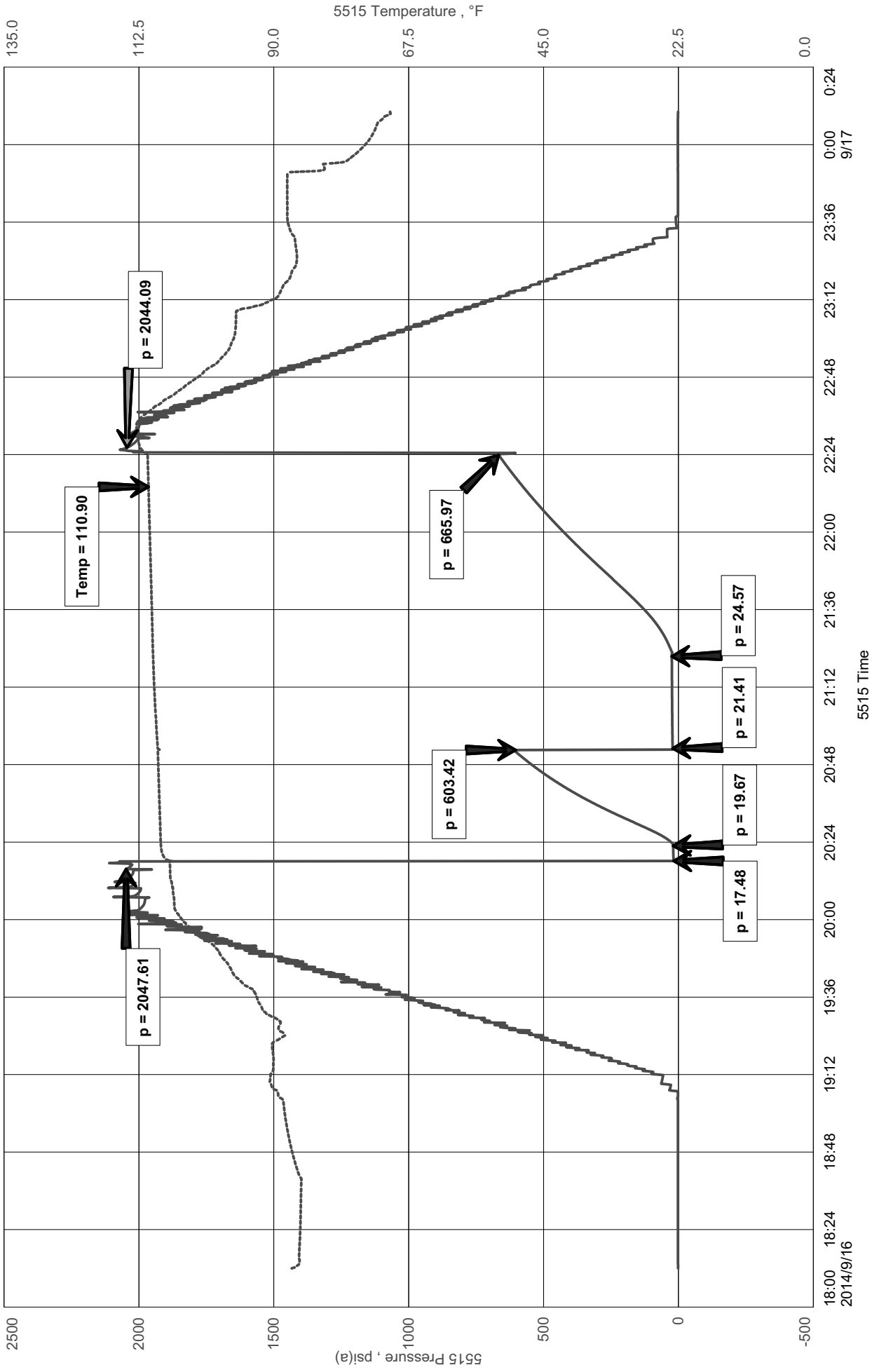
Initial Hydrostatic Pressure..... (A) 2048 P.S.I.  
Initial Flow Period..... Minutes 5 (B) 17 P.S.I. to (C) 20 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 603 P.S.I.  
Final Flow Period..... Minutes 30 (E) 21 P.S.I. to (F) 25 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 666 P.S.I.  
Final Hydrostatic Pressure..... (H) 2044 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  
Dst #2 Miss 4235-4335'  
Start Test Date: 2014/09/16  
Final Test Date: 2014/09/17

McDonald Brothers #1-14  
Formation: Dst #2 Miss 4235-4335'  
Pool: WC  
Job Number: SO501

# McDonald Brothers #1-14



# Diamond Testing LLC

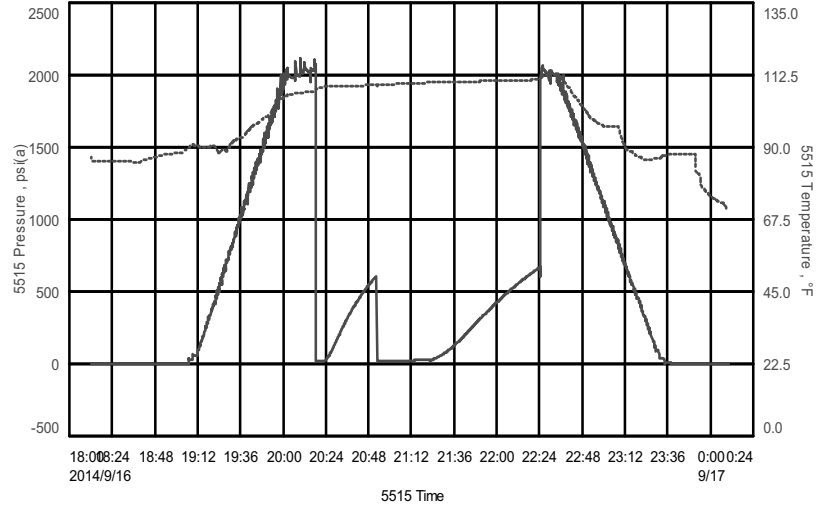
## General Information Report

Jacob McCallie  
620-617-7116  
mccallie.dtlc@gmail.com

### General Information

Company Name Mull Drilling  
Contact Mark Shreve  
Well Name McDonald Brothers #1-14  
Unique Well ID Dst #2 Miss 4235-4335'  
Surface Location Sec14-19s-23w Ness County  
Field Pfaff  
Well Type Vertical  
Test Type Drill Stem Test  
Formation Dst #2 Miss 4235-4335'  
Well Fluid Type 01 Oil  
Start Test Date 2014/09/16  
Start Test Time 18:12:00  
Final Test Date 2014/09/17  
Final Test Time 00:11:00  
Job Number SO501  
Representative Michael Carroll  
Report Date 2014/09/16  
Qualified By Kevin Kessler

### McDonald Brothers #1-14



### Test Results

RECOVERY: 8' Mud 100% M

TOOL SAMPLE: 100% M