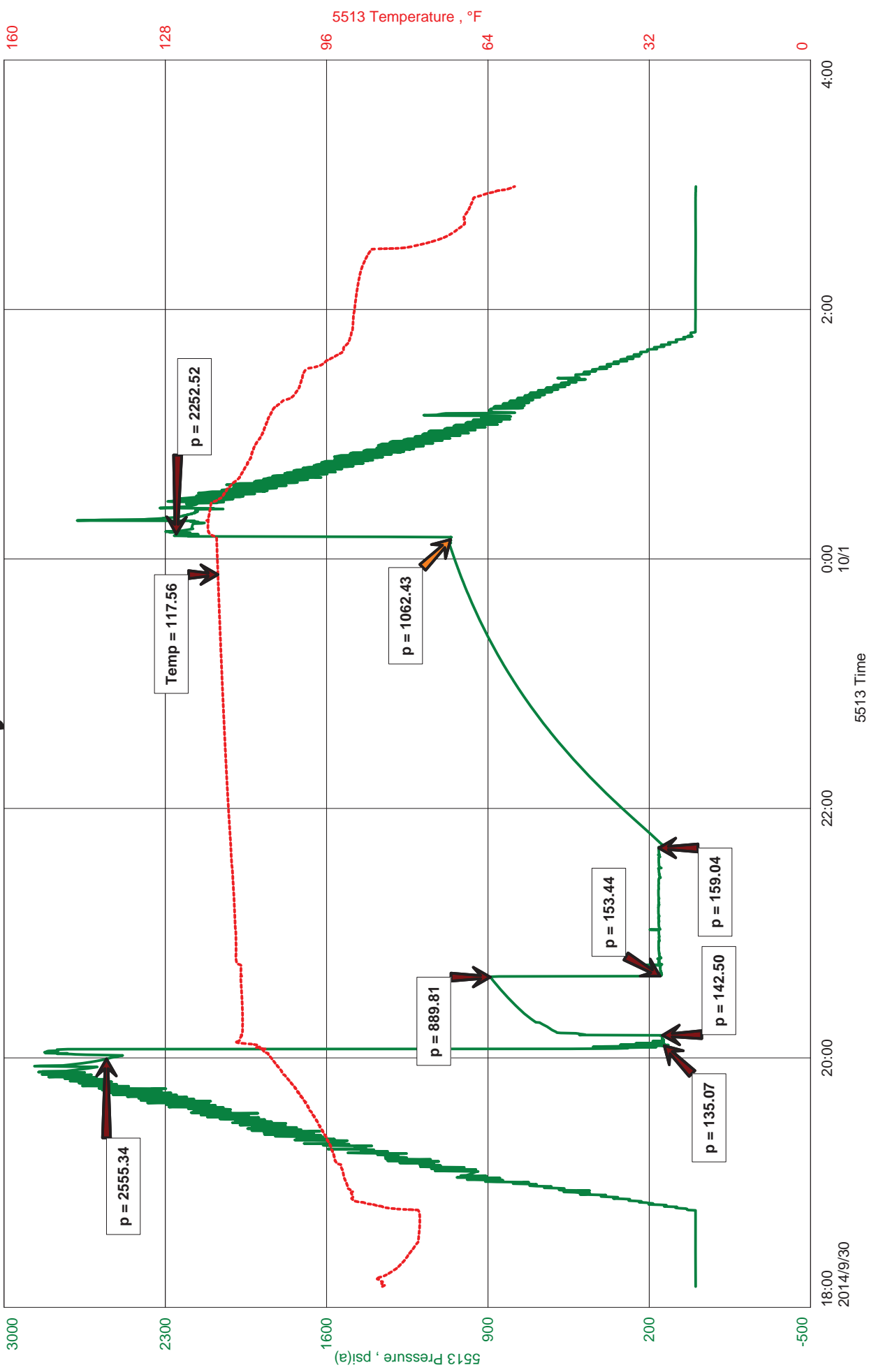


Mull Drilling Company  
DST #2 Morrow Sand 4854-5024  
Start Test Date: 2014/09/30  
Final Test Date: 2014/10/01

Gayle #1-2  
Formation: Morrow Sand  
Pool: Wildcat  
Job Number: K177

# Gayle #1-2





**JASON MCLEMORE**

**CELL # 620-617-0527**

**General Information**

<b>Company Name</b>	Mull Drilling Company	<b>Job Number</b>	K177
<b>Contact</b>		<b>Representative</b>	Jason McLemore
<b>Well Name</b>	Mark Shreve	<b>Well Operator</b>	Mull Drilling Company
<b>Unique Well ID</b>	DST #2 Morrow Sand 4854-5024	<b>Prepared By</b>	Jason McLemore
<b>Surface Location</b>	2-16s-38w-Wichita	<b>Qualified By</b>	Steve Reed
<b>Field</b>	Wildcat	<b>Test Unit</b>	6
<b>Well Type</b>	Vertical		

**Test Information**

<b>Test Type</b>	Drill Stem Test	<b>Representative</b>	Jason McLemore
<b>Formation</b>	Morrow Sand	<b>Well Operator</b>	Mull Drilling Company
<b>Well Fluid Type</b>	01 Oil	<b>Report Date</b>	2014/10/01
<b>Test Purpose (AEUB)</b>	Initial Test	<b>Prepared By</b>	Jason McLemore
<b>Start Test Date</b>	2014/09/30	<b>Start Test Time</b>	18:10:00
<b>Final Test Date</b>	2014/10/01	<b>Final Test Time</b>	03:00:00

**Test Results**

**RECOVERED:**

250	Drilling Mud
250	TOTAL FLUID



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: gayle1dst2

TIME ON: 6:10 PM  
TIME OFF: 3:00 AM

Company Mull Drilling Company Lease & Well No. Gayle #1-2  
Contractor Duke #4 Charge to Mull Drilling Company  
Elevation KB 3438 Formation Morrow Sand Effective Pay \_\_\_\_\_ Ft. Ticket No. K177  
Date 9-30-14 Sec. 2 Twp. \_\_\_\_\_ 16 S Range \_\_\_\_\_ 38 W County Wichita State KANSAS  
Test Approved By Steve Reed Diamond Representative Jason McLemore

Formation Test No. 2 Interval Tested from 4854 ft. to 5024 ft. Total Depth 5024 ft.  
Packer Depth 4849 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4854 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 4835 ft. Recorder Number 5513 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 4836 ft. Recorder Number 5588 Cap. 6000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chemical Viscosity 57 Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight 9.4 Water Loss 9.6 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides 7000 P.P.M. Drill Pipe Length 4821 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 6 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? No Reversed Out No Anchor Length 170 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. <sup>157' DP in Anchor</sup> Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Strong, BOB in 1 Min., No Blowback (Tool Slid 1' On Open)  
2nd Open: Weak Blow, Built to 1/2", Died in 15 Min., No Blowback

Recovered <u>250</u> ft. of <u>Drilling Mud</u>	
Recovered <u>250</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Shale Packer on Bottom</u>	Insurance
	Total

Time Set Packer(s) 9:11 PM A.M. P.M. Time Started Off Bottom 12:46 AM A.M. P.M. Maximum Temperature 118  
Initial Hydrostatic Pressure..... (A) 2555 P.S.I.  
Initial Flow Period..... Minutes (B) 135 P.S.I. to (C) 143 P.S.I.  
Initial Closed In Period..... Minutes (D) 890 P.S.I.  
Final Flow Period..... Minutes (E) 153 P.S.I. to (F) 159 P.S.I.  
Final Closed In Period..... Minutes (G) 1062 P.S.I.  
Final Hydrostatic Pressure..... (H) 2253 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.