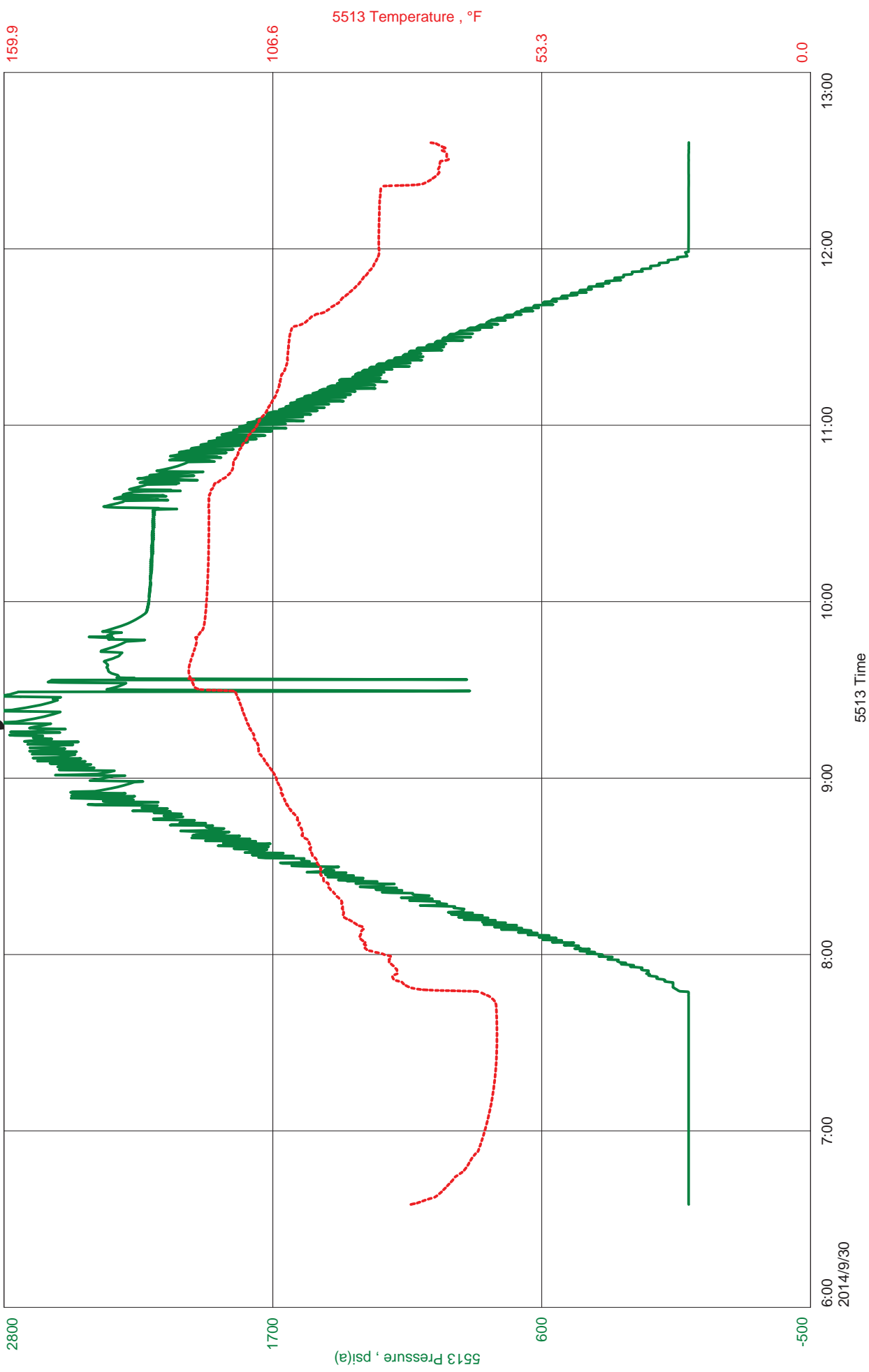


Mull Drilling Company
DST #1 Lower Morrow 4952-5024
Start Test Date: 2014/09/30
Final Test Date: 2014/09/30

Gayle #1-2
Formation: Lower Morrow Sand
Pool: Wildcat
Job Number: K176

Gayle #1-2





JASON MCLEMORE

CELL # 620-617-0527

General Information

Company Name	Mull Drilling Company	Mark Shreve	Job Number	K176
Contact		Gayle #1-2	Representative	Jason McLemore
Well Name		DST #1 Lower Morrow 4952-5024	Well Operator	Mull Drilling Company
Unique Well ID		2-16s-38w-Wichita	Prepared By	Jason McLemore
Surface Location		Wildcat	Qualified By	Steve Reed
Field		Vertical	Test Unit	6
Well Type				

Test Information

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	Lower Morrow Sand	Well Operator	Mull Drilling Company
Well Fluid Type	01 Oil	Report Date	2014/09/30
Test Purpose (AEUB)	Initial Test	Prepared By	Jason McLemore

Start Test Date	2014/09/30	Start Test Time	06:35:00
Final Test Date	2014/09/30	Final Test Time	11:33:00

Test Results

RECOVERED:

185	Drilling Mud
185	TOTAL FLUID



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: gayle1dst1

TIME ON: 6:35 AM
TIME OFF: 11:33 AM

Company Mull Drilling Company Lease & Well No. Gayle #1-2
Contractor Duke #4 Charge to Mull Drilling Company
Elevation KB 3438 Formation Lower Morrow Sand Effective Pay _____ Ft. Ticket No. K176
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. 1 Interval Tested from 4952 ft. to 5024 ft. Total Depth 5024 ft.
Packer Depth 4947 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4952 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4933 ft. Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4934 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 0 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 7000 P.P.M. Drill Pipe Length 4919 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 72 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 63' DP in Anchor Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Packer Failure, Pull Tool
2nd Open: _____

Recovered <u>185</u> ft. of <u>Drilling Mud</u>	
Recovered <u>185</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) 9:32 AM A.M. P.M. Time Started Off Bottom 9:40 AM A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ 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.