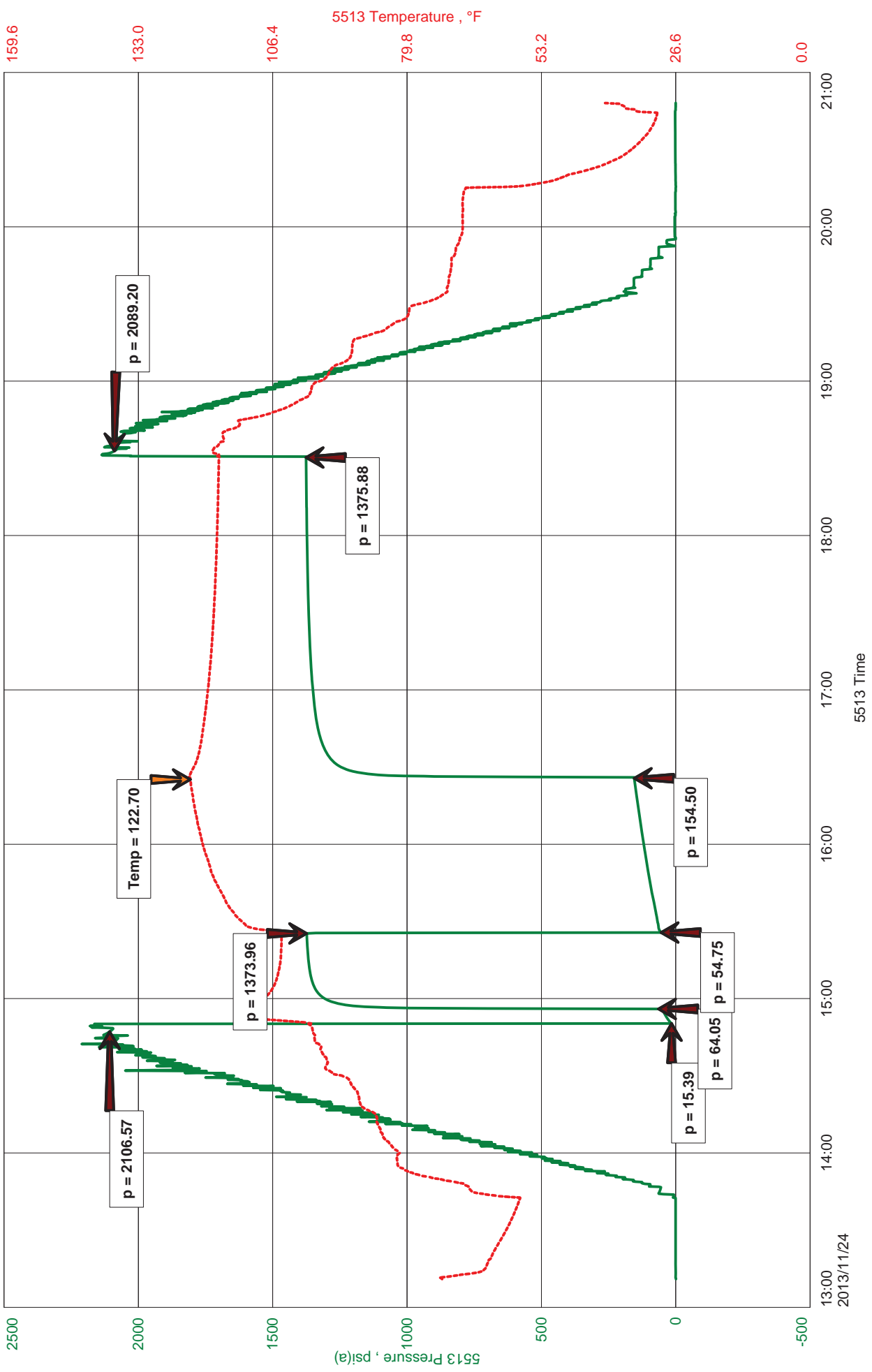


Mull Drilling Company, Inc
DST #4 Mississippi 4337-4347
Start Test Date: 2013/11/24
Final Test Date: 2013/11/24

Erb #1-13
Formation: Mississippi
Pool: Wildcat
Job Number: K061

Erb #1-13





JASON MCLEMORE

CELL # 620-6170527

General Information

Company Name	Mull Drilling Company, Inc	Job Number	K061
Contact	Mark Shreve	Representative	Jason McLemore
Well Name	Erb #1-13	Well Operator	Mull Drilling Company, Inc
Unique Well ID	DST #4 Mississippi 4337-4347	Prepared By	Jason McLemore
Surface Location	13-19-23-Ness	Qualified By	Kevin Kessler
Field	Wildcat	Test Unit	#7
Well Type	Vertical		

Test Information

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	Mississippi	Well Operator	Mull Drilling Company, Inc
Well Fluid Type	01 Oil	Report Date	2013/11/24
Test Purpose (AEUB)	Initial Test	Prepared By	Jason McLemore
Start Test Date	2013/11/24	Start Test Time	13:11:00
Final Test Date	2013/11/24	Final Test Time	20:49:00

Test Results

RECOVERED:

55	Free Oil
270	SOCMW, 2% Oil, 90% Water, 8% Mud
325	Total Fluid

CHLORIDES: 32000

PH: 7

RW: .400 @ 68

Tool Sample: 4% Oil, 96% Water



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: erb1dst4

TIME ON: 1:11 PM
 TIME OFF: 8:49 PM

Company Mull Drilling Company, Inc Lease & Well No. Erb #1-13
 Contractor WW #10 Charge to Mull Drilling Company Inc
 Elevation KB 2209 Formation Mississippi Effective Pay _____ Ft. Ticket No. K061
 Date 11-24-13 Sec. 13 Twp. _____ 19 S Range _____ 23 W County _____ Ness _____ State KANSAS
 Test Approved By Kevin Kessler Diamond Representative Jason McLemore

Formation Test No. 4 Interval Tested from 4337 ft. to 4347 ft. Total Depth 4347 ft.
 Packer Depth 4332 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4337 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4318 ft. Recorder Number 5513 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 4319 ft. Recorder Number 5588 Cap. 6000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 55 Drill Collar Length 124 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 4180 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 7 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out No Anchor Length 10 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: Fair Blow, Built to 4", No Blowback
 2nd Open: Fair Blow, BOB in 16 Min., Blowback Built to 1/2"

Recovered 55 ft. of Free Oil
 Recovered 270 ft. of SOCMW: 2% Oil, 90% Water, 8% Mud
 Recovered 325 ft. of Total Fluid
 Recovered _____ ft. of _____

Recovered _____ ft. of <u>CHLORIDES: 32000</u>	Price Job
Recovered _____ ft. of <u>PH: 7</u>	Other Charges
Remarks: <u>RW: .400 @ 68</u>	Insurance
<u>Tool Sample: SOCW: 4% Oil, 96% Water</u>	Total

Time Set Packer(s) 2:50 PM A.M. P.M. Time Started Off Bottom 5:25 PM A.M. P.M. Maximum Temperature 123

Initial Hydrostatic Pressure..... (A) 2107 P.S.I.
 Initial Flow Period..... Minutes 5 (B) 15 P.S.I. to (C) 64 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 1374 P.S.I.
 Final Flow Period..... Minutes 60 (E) 55 P.S.I. to (F) 155 P.S.I.
 Final Closed In Period..... Minutes 120 (G) 1376 P.S.I.
 Final Hydrostatic Pressure..... (H) 2089 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.