



Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name Mull Drilling Company, Inc.
Well Operator Mull Drilling Company, Inc.
Contact Mark Shreve
Site Contact Kevin Kessler
Field Wildcat
Well Type Vertical
Prepared By Jake Fahrenbruch

Well Name France #1-2
Unique Well ID DST #3 Lansing "H&I" 4150'-4225'
Surface Location Sec 2-17s-32w-Scott Co.-KS
Test Unit #5
Pool NA
Job Number F211
Qualified By Kevin Kessler

Test Information

Test Type Bottom-Hole w/J&J
Formation Lansing "H&I" 4150'-4225'
Start Test Date 2013/12/02
Final Test Date 2013/12/02

Test Purpose Initial Test
Gauge Name Inside 0062
Start Test Time 00:10:00
Final Test Time 07:52:00

Test Results

5 minute initial flow period: Surface blow, increased to 2.5" in bucket.
30 minute initial shut-in period: No blow-back.
60 minute final flow period: Surface blow, increased to B.O.B. in 45 minutes.
120 minute final shut-in period: No blow-back.

Recovered:

40' SOSM 1% oil, 99% mud
90' SOSWCM 1% oil, 20% wtr, 79% mud
145' SOSMW 1% oil, 60% wtr, 39% mud

Total Recovered Fluid: 275'

Chlorides: 16,000 PPM

RW: .22 ohm @ 50 Deg F

PH: 7.0

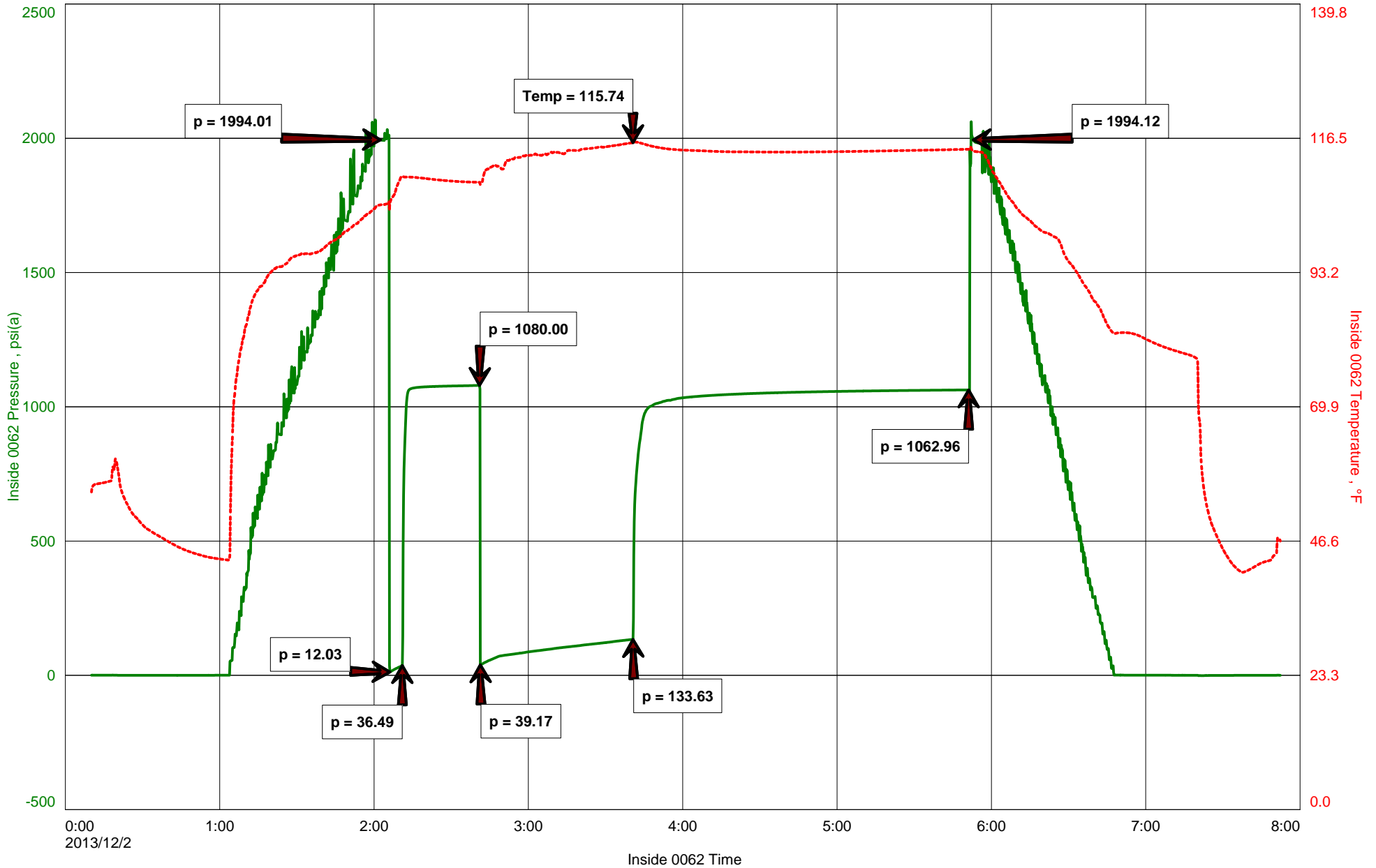
Bottom-Hole Temp: 116 Deg F

Pressures:

IHP: 1994
IFP: 12 - 36
ISIP: 1080
FFP: 39 - 134
FSIP: 1063
FHP: 1994

Thanks.

France #1-2





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: FRANCE1DST3

TIME ON: 12:10 AM
TIME OFF: 7:52 AM

Company Mull Drilling Company Inc. Lease & Well No. France #1-2
Contractor WW Drilling Rig #10 Charge to Mull Drilling Company Inc.
Elevation 2981' Formation _____ Lansing "H&I" Effective Pay _____ Field: Wildcat Ft. Ticket No. F211
Date 2 Dec 2013 Sec. 2 Twp. _____ 17 S Range _____ 32 W County _____ Scott State KANSAS
Test Approved By Kevin Kessler Diamond Representative Jake Fahrenbruch

Formation Test No. THREE Interval Tested from 4150 ft. to 4225 ft. Total Depth 4225 ft.
Packer Depth 4145 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4150 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4128 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4155 ft. Recorder Number 5951 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 50 Drill Collar Length 123 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 9.6 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 3000 P.P.M. Drill Pipe Length 3994 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #5 (J&J) Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 75 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{41' PERF(3TOP,38'BTM)} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Surface blow, increased to 2.5" in bucket. No blow-back.
2nd Open: Surface blow, increased to B.O.B. in 45 minutes. No blow-back.

Recovered 40 ft. of SOSM 1% oil, 99% mud
Recovered 90 ft. of SOSWCM 1% oil, 20% wtr, 79% mud
Recovered 145 ft. of SOSMW 1% oil, 60% wtr, 39% mud
Recovered _____ ft. of Total Recovered Fluid: 275'

Recovered _____ ft. of <u>Chlorides: 16,000 ppm</u>	Price Job
Recovered _____ ft. of <u>RW: .22 ohm @ 50 Deg F</u>	Other Charges
Remarks: _____ <u>PH: 7.0</u>	Insurance
	Total

Time Set Packer(s) 2:06 AM A.M. P.M. Time Started Off Bottom 5:41 AM A.M. P.M. Maximum Temperature 116 Deg F

Initial Hydrostatic Pressure..... (A) 1994 P.S.I.
Initial Flow Period..... Minutes 5 (B) 12 P.S.I. to (C) 36 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1080 P.S.I.
Final Flow Period..... Minutes 60 (E) 39 P.S.I. to (F) 134 P.S.I.
Final Closed In Period..... Minutes 120 (G) 1063 P.S.I.
Final Hydrostatic Pressure..... (H) 1994 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.