



Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
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P.O. Box 157
Hoisington KS 67544
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General Information

Company Name	Mull Drilling Company Inc	Well Name	France #1-2
Well Operator	Mull Drilling Company Inc	Unique Well ID	DST #5 L/KC "K&L" 4245'-4350'
Contact	Mark Shreve	Surface Location	Sec 2-17s-32w-Scott Co.-KS
Site Contact	Kevin Kessler	Test Unit	#5
Field	Wildcat	Pool	NA
Well Type	Vertical	Job Number	F213
Prepared By	Jake Fahrenbruch	Qualified By	Kevin Kessler

Test Information

Test Type	Bottom-Hole w/J&J	Test Purpose	Initial Test
Formation	L/KC "K&L" 4245'-4350'	Gauge Name	Inside 0062
Start Test Date	2013/12/03	Start Test Time	08:06:00
Final Test Date	2013/12/03	Final Test Time	15:49:00

Test Results

5 minute initial flow period:	Strong blow @ BOB in 1.25 minutes.
30 minute initial shut-in period:	No blowback.
60 minute final flow period:	Strong blow @ BOB in 1.5 minutes.
120 minute final shut-in period:	No blowback.

Recovered: 2360' Salt Water
 Bottom-Hole Temp: 126 Deg F
 Chlorides: 22,000 PPM
 RW: .2 ohm @ 74 Deg F
 PH: 8.0

Pressures:

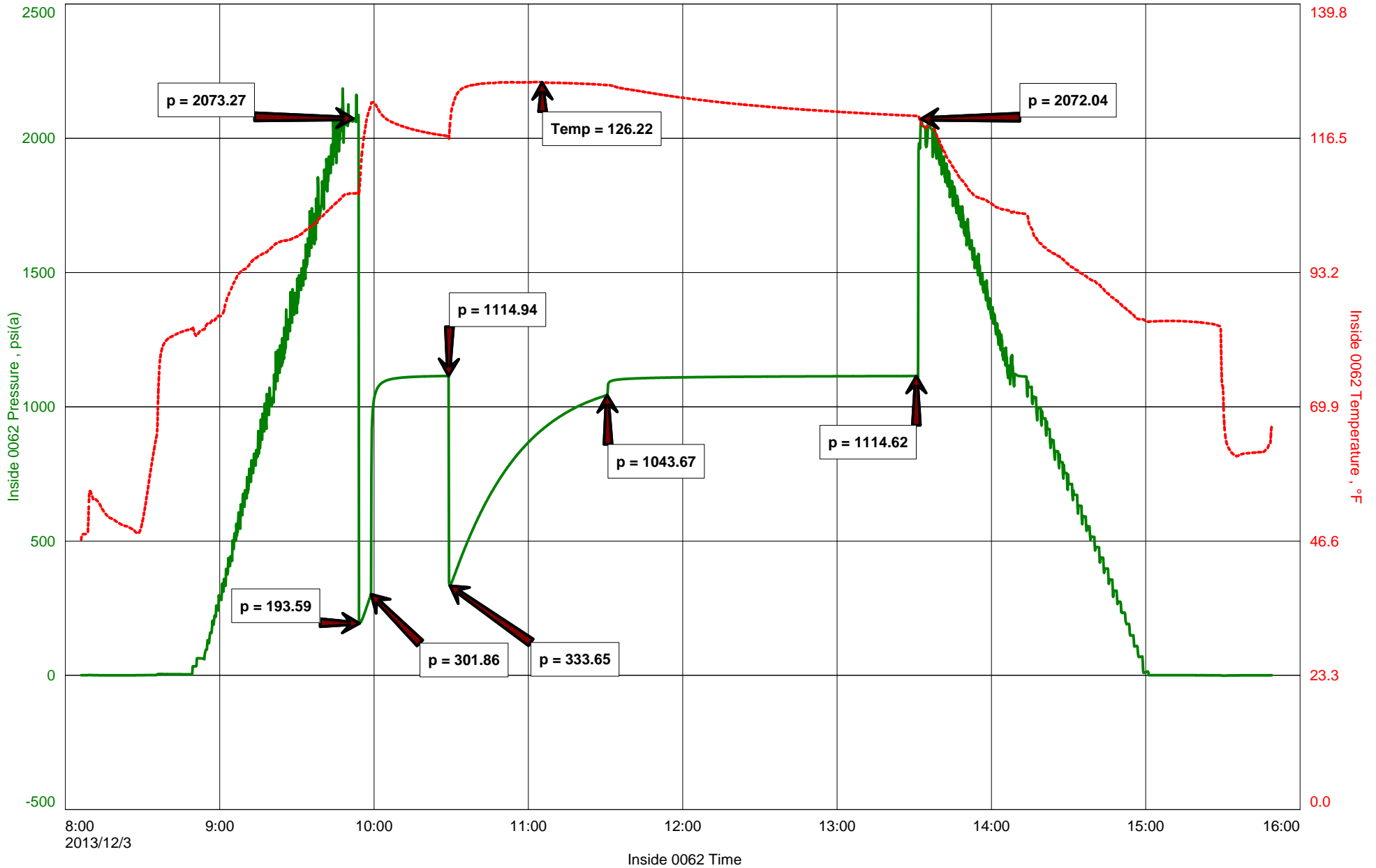
IHP:	2073
IFP:	194 - 302
ISIP:	1115
FFP:	334 - 1044
FSIP:	1115
FHP:	2072

Thanks

Mull Drilling Company Inc
DST #5 L/KC "K&L" 4245'-4350'
Start Test Date: 2013/12/03
Final Test Date: 2013/12/03

France #1-2
Formation: L/KC "K&L" 4245'-4350'
Pool: NA
Job Number: F213

France #1-2





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: FRANCE1DST5

TIME ON: 8:06 AM
TIME OFF: 3:49 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 _____ L/KC "K&L" Effective Pay _____ Field: Wildcat Ft. Ticket No. F213
Date 3 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. FIVE Interval Tested from 4245 ft. to 4350 ft. Total Depth 4350 ft.
Packer Depth 4240 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4245 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4223 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4250 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 53 Drill Collar Length 123 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 6.8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 5000 P.P.M. Drill Pipe Length 4099 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 105 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{39"PERF(3"TOP,36"BTM)} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Strong blow @ BOB in 1.25 minutes. No blowback.
2nd Open: Strong blow @ BOB in 1.5 minutes. No blowback.

Recovered 2360 ft. of Salt Water
Recovered _____ ft. of Chlorides: 22,000 PPM
Recovered _____ ft. of RW: .2 ohm @ 74 Deg F
Recovered _____ ft. of PH: 8.0

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
_____	Total

Time Set Packer(s) 9:55 AM A.M. P.M. Time Started Off Bottom 1:30 PM A.M. P.M. Maximum Temperature 126 Deg Fs
Initial Hydrostatic Pressure..... (A) 2073 P.S.I.
Initial Flow Period..... Minutes 5 (B) 194 P.S.I. to (C) 302 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1115 P.S.I.
Final Flow Period..... Minutes 60 (E) 334 P.S.I. to (F) 1044 P.S.I.
Final Closed In Period..... Minutes 120 (G) 1115 P.S.I.
Final Hydrostatic Pressure..... (H) 2072 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.