

DIAMOND TESTING

Drill Test Report

General Information

Company Name MULL DRLG.

Contact ERNIE MORRISON
Well Name MARS #1-4
Unique Well ID DST#1 FT. SCOTT 4240-4290
Surface Location SEC 4-20s-23w NESS Co. Ks.
Field WILDCAT
Well Type Vertical

Job Number M011
Representative MIKE COCHRAN
Well Operator MULL DRLG.
Report Date 2010/08/10
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#1 FT. SCOTT 4240-4290
Well Fluid Type 01 Oil
Test Purpose (AEUB) Initial Test

Start Test Time
Final Test Time

Start Test Date 2010/08/10
Final Test Date 2010/08/10

Gauge Name 30037
Test Type Name

Test Results

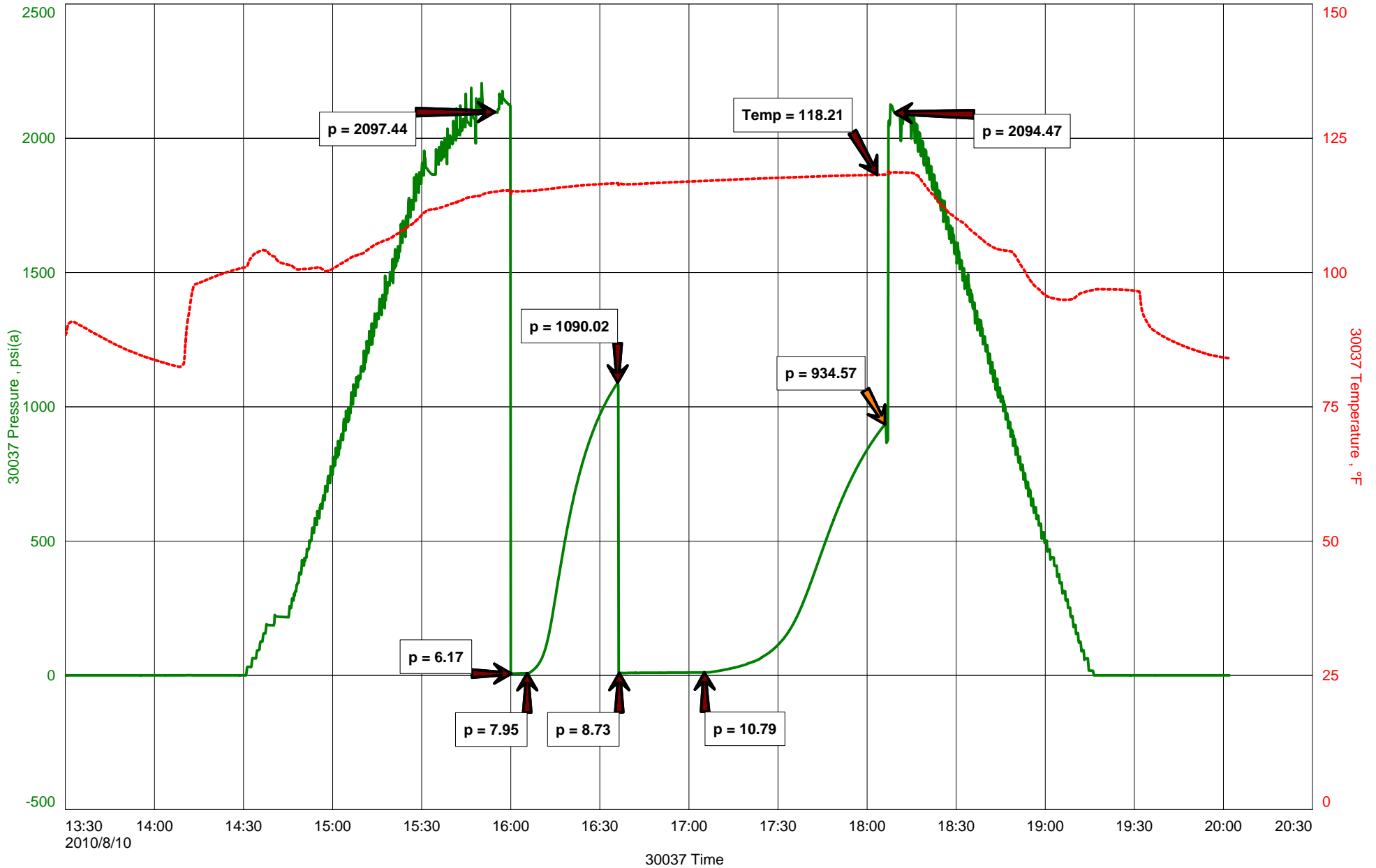
RECOVERY: 10' VSOSM
10' TOTAL FLUID

TOOL SAMPLE: 1%OIL, 99% MUD

MULL DRLG.
DST#1 FT. SCOTT 4240-4290
Start Test Date: 2010/08/10
Final Test Date: 2010/08/10

MARS #1-4
Formation: DST#1 FT. SCOTT 4240-4290
Pool: WILDCAT
Job Number: M011

MARS #1-4





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MARS1-4DST1

TIME ON: 13:30:00
TIME OFF: 20:03

Company MULL DRLG Lease & Well No. MARS #1-4
Contractor DUKE DRLG. RIG #4 Charge to MULL DRLG.
Elevation 2263 Formation FT. SCOTT Effective Pay _____ Ft. Ticket No. M011
Date 08-10-2010 Sec. 4 Twp. 20 S Range 23 W County NESS State KANSAS
Test Approved By KEVIN KESSLER Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 4240 ft. to 4290 ft. Total Depth 4290 ft.
Packer Depth 4235 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4240 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4229 ft. Recorder Number 30037 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4287 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth NA ft. Recorder Number NA Cap. NA P.S.I.

Mud Type CHEMICAL Viscosity 58 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.5 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,300 P.P.M. Drill Pipe Length 4215 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number - Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 50 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 31' DRILL PIPE Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: VERY WEAK SURFACE BLOW (NO BB)
2nd Open: NO BLOW (NO BB)

Recovered <u>10</u> ft. of <u>VSOSM</u>	
Recovered <u>10</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: 1% OIL, 99% MUD	Total

Time Set Packer(s) 4:00 P.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 6:06 P.M. ^{A.M.}/_{P.M.} Maximum Temperature 118

Initial Hydrostatic Pressure..... (A) 2097 P.S.I.
Initial Flow Period..... Minutes 5 (B) 6 P.S.I. to (C) 8 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1090 P.S.I.
Final Flow Period..... Minutes 30 (E) 9 P.S.I. to (F) 11 P.S.I.
Final Closed In Period..... Minutes 60 (G) 935 P.S.I.
Final Hydrostatic Pressure..... (H) 2094 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.