



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: cofera1-7DST1

TIME ON: 12:43
TIME OFF: 19:42

Company Mull Drilling Co. Inc. Lease & Well No. Cofer A #1-7
Contractor WW Rig #10 Charge to Mull Drilling Co. Inc.
Elevation 2320 KB Formation Lansing E-F Effective Pay -- Ft. Ticket No. S0349
Date 6-23-13 Sec. 17 Twp. 15 S Range 23 W County Trego State KANSAS
Test Approved By Kevin Kessler Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 3765 ft. to 3790 ft. Total Depth 3790 ft.

Packer Depth 3760 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 3765 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3746 ft. Recorder Number 8471 Cap. 10,000 P.S.I.

Bottom Recorder Depth (Outside) 3787 ft. Recorder Number 3851 Cap. 5,700 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 49 Drill Collar Length 125 ft. I.D. 2 1/4 in.

Weight 8.9 Water Loss 8.4 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 4,200 P.P.M. Drill Pipe Length 3607 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out NO Anchor Length 25 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: WSB- No Build NOBB

2nd Open: No Blow- Built to 1" in 60 min NOBB

Recovered 50 ft. of HMCW 55% W 45% M

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of PH: 8

Recovered _____ ft. of RW: .22 @ 98 degrees F Price Job _____

Recovered _____ ft. of Chlorides: 22,000 ppm Other Charges _____

Remarks: _____ Insurance _____

Tool Sample: 28% W 72% M Total _____

Time Set Packer(s) 2:21 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 5:56 PM ^{A.M.}/_{P.M.} Maximum Temperature 112

Initial Hydrostatic Pressure..... (A) 1772 P.S.I.

Initial Flow Period..... Minutes 5 (B) 5 P.S.I. to (C) 10 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 1308 P.S.I.

Final Flow Period..... Minutes 60 (E) 10 P.S.I. to (F) 33 P.S.I.

Final Closed In Period..... Minutes 120 (G) 1263 P.S.I.

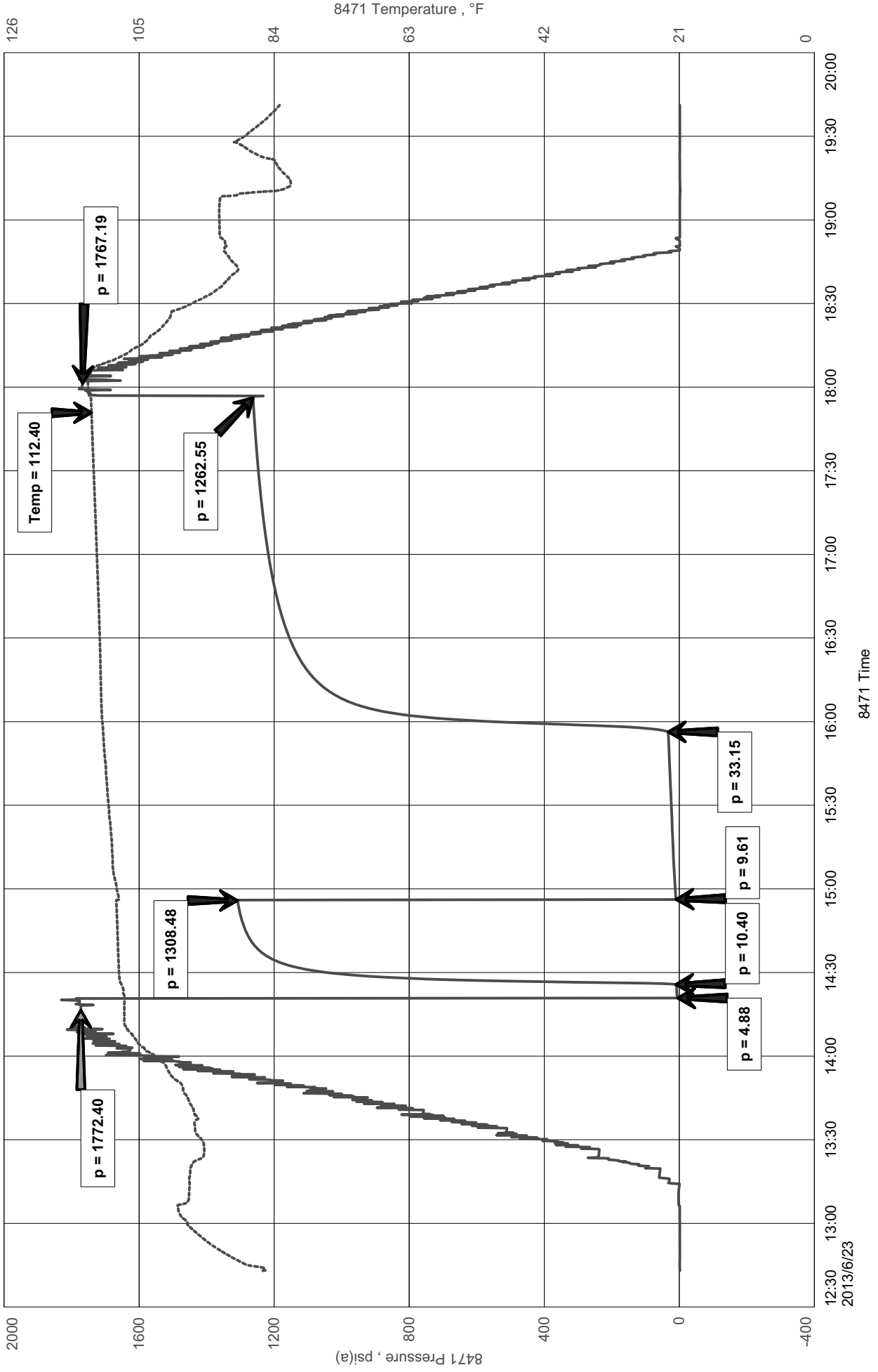
Final Hydrostatic Pressure..... (H) 1767 P.S.I.

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.

Mull Drilling Co. Inc.
DST #1 Lansing E-F 3765-3790'
Start Test Date: 2013/06/23
Final Test Date: 2013/06/23

Cofer A #1-7
Formation: DST #1 Lansing E-F 3765-3790'
Pool: Wildcat
Job Number: S0349

Cofer A #1-7



Diamond Testing

General information Report

General Information

Company Name Mull Drilling Co. Inc.

Contact	Mark Shreve	Job Number	S0349
Well Name	Cofer A #1-7	Representative	Jacob McCallie
Unique Well ID	DST #1 Lansing E-F 3765-3790'	Well Operator	Mull Drilling Co. Inc.
Surface Location	SEC 17-15S-23W Trego County	Report Date	2013/06/23
Well License Number		Prepared By	Jacob McCallie
Field	Wildcat		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #1 Lansing E-F 3765-3790'		
Well Fluid Type	01 Oil	Start Test Time	12:43:00
		Final Test Time	19:42:00
Start Test Date	2013/06/23		
Final Test Date	2013/06/23		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED:
50' HMCW 55% W 45% M

PH: 7
RW: .22 @ 98 degrees F
Chlorides: 22,000 ppm

TOOL SAMPLE:
28% W 72% M