



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: cofera1-17DST3

TIME ON: 13:59
 TIME OFF: 21:30

Company Mull Drilling Co. Inc. Lease & Well No. Cofer A #1-17
 Contractor WW Rig #10 Charge to Mull Drilling Co. Inc.
 Elevation 2320 KB Formation Cher/Miss Effective Pay -- Ft. Ticket No. S0351
 Date 6-25-13 Sec. 17 Twp. 15 S Range 23 W County Trego State KANSAS
 Test Approved By Kevin Kessler Diamond Representative Jacob McCallie

Formation Test No. 3 Interval Tested from 4175 ft. to 4290 ft. Total Depth 4290 ft.

Packer Depth 4170 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 4175 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4156 ft. Recorder Number 8471 Cap. 10,000 P.S.I.

Bottom Recorder Depth (Outside) 4287 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 53 Drill Collar Length 125 ft. I.D. 2 1/4 in.

Weight 9.4 Water Loss 9.8 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 4,700 P.P.M. Drill Pipe Length 4017 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 115' (20.5p) 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: 1/4" Blow- Built to 1/2" in 5 min **NOBB**

2nd Open: WSB- Built to 6" in 60 min **NOBB**

Recovered 68 ft. of CO 100% CO GRAVITY: 32 @ 60 degrees F

Recovered 67 ft. of HOCM 45% O 55% M

Recovered 135 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____ Price Job

Recovered _____ ft. of _____ Other Charges

Remarks: _____ Insurance

Tool Sample: 26% O 74% M Total

Time Set Packer(s) 3:47 PM A.M. P.M. Time Started Off Bottom 7:22 PM A.M. P.M. Maximum Temperature 116

Initial Hydrostatic Pressure..... (A) 2002 P.S.I.

Initial Flow Period..... Minutes 5 (B) 12 P.S.I. to (C) 20 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 1249 P.S.I.

Final Flow Period..... Minutes 60 (E) 25 P.S.I. to (F) 60 P.S.I.

Final Closed In Period..... Minutes 120 (G) 1249 P.S.I.

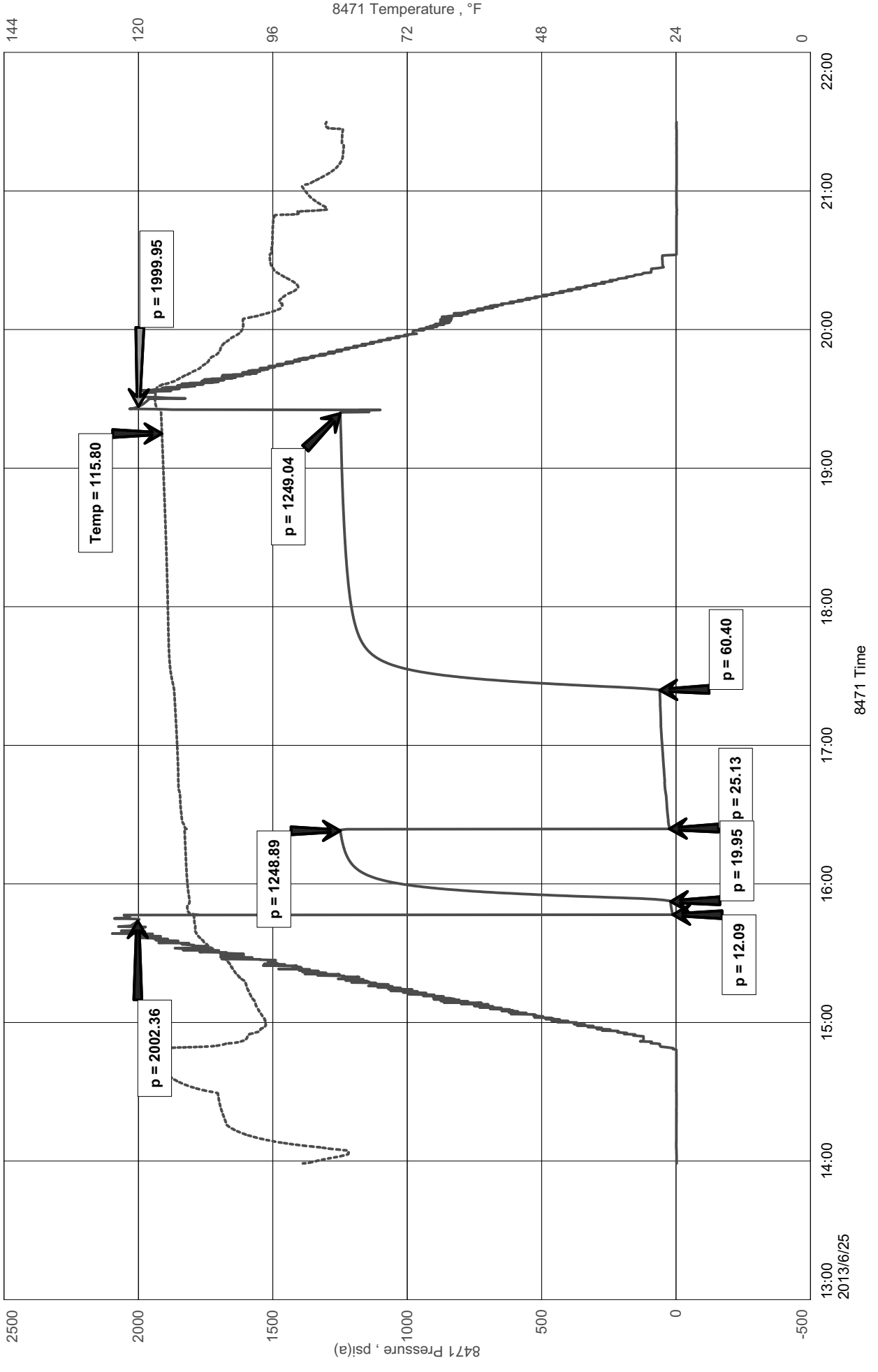
Final Hydrostatic Pressure..... (H) 2000 P.S.I.

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 #3 Cher/Miss 4175-4290'
Start Test Date: 2013/06/25
Final Test Date: 2013/06/25

Cofer A #1-17
Formation: DST #3 Cher/Miss 4175-4290'
Pool: Wildcat
Job Number: S0351

Cofer A #1-17



Diamond Testing

General information Report

General Information

Company Name Mull Drilling Co. Inc.

Contact	Mark Shreve	Job Number	S0351
Well Name	Cofer A #1-17	Representative	Jacob McCallie
Unique Well ID	DST #3 Cher/Miss 4175-4290'	Well Operator	Mull Drilling Co. Inc.
Surface Location	SEC 17-15S-23W Trego County	Report Date	2013/06/25
Well License Number		Prepared By	Kevin Kessler
Field	Wildcat		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #3 Cher/Miss 4175-4290'		
Well Fluid Type	01 Oil	Start Test Time	13:59:00
		Final Test Time	21:30:00
Start Test Date	2013/06/25		
Final Test Date	2013/06/25		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED:

68'	CO	100% CO
67'	HOCM	45% O 55% M
135'	TOTAL FLUID	

GRAVITY: 32 @ 60 degrees F

TOOL SAMPLE:

26% O 74% M