

DIAMOND TESTING

General Information Report

General Information

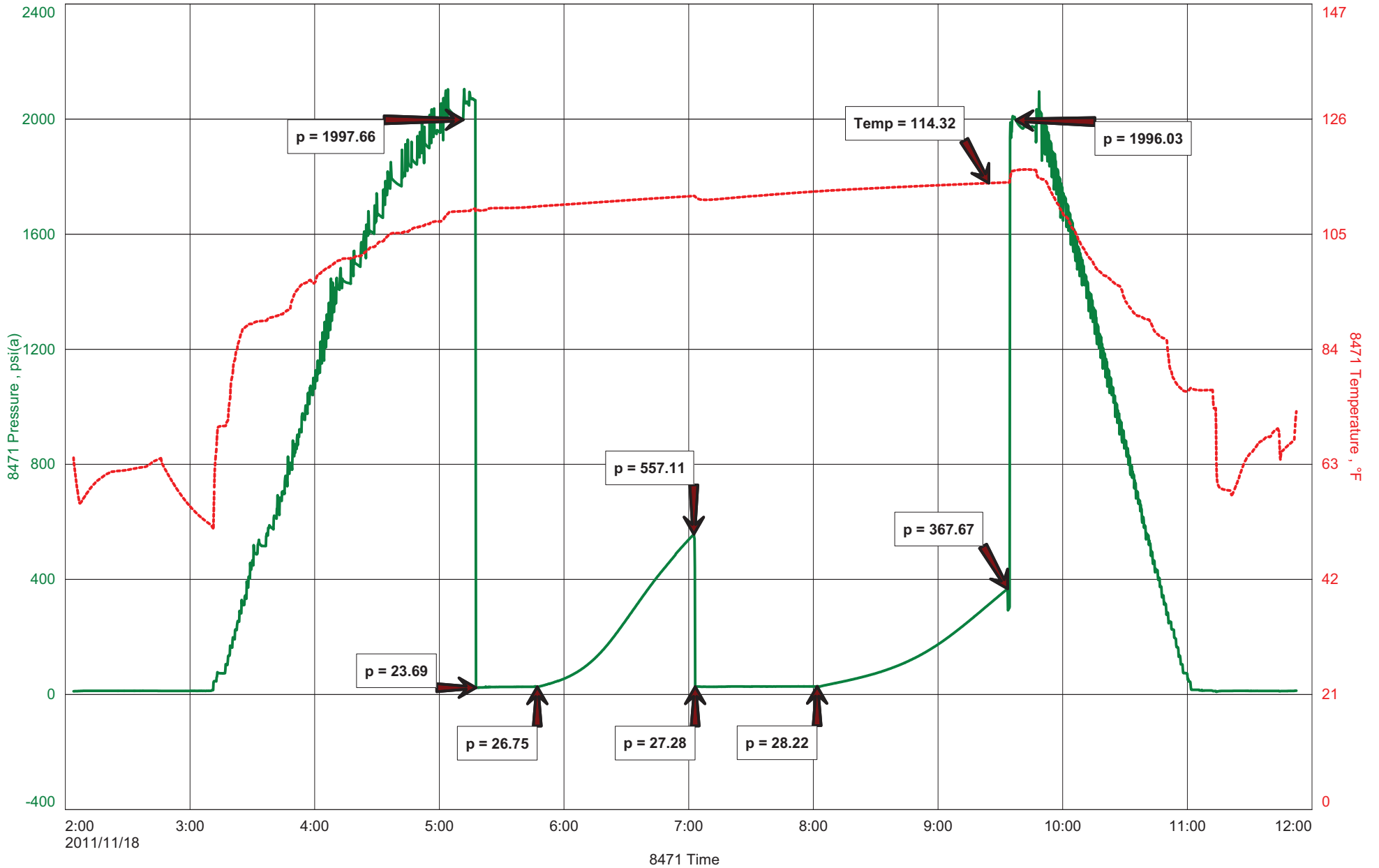
Company Name	MID-CONTINENT ENERGY OPERATING COMPANY	Representative	ROGER D. FRIEDLY
Contact	RICHARD SAENZ	Well Operator	MID-CONTINENT ENERGY OPERATING COMPANY
Well Name	FRITZ UNIT #1-24	Report Date	2011/11/18
Unique Well ID	DST #1 MISSISSIPPI 4,212' - 4,254'	Prepared By	ROGER D. FRIEDLY
Surface Location	SEC 24-17S-22W NESS COUNTY, KS	Qualified By	AUSTIN GARNER
Field	WILDCAT		
Well Type	Vertical		
Test Type	CONVENTIONAL DRILL-STEM TEST		
Formation	DST #1 MISSISSIPPI 4,212' - 4,254'		
Well Fluid Type	01 Oil		
Start Test Date	2011/11/18	Start Test Time	02:04:00
Final Test Date	2011/11/18	Final Test Time	11:52:00

Test Recovery:

RECOVERED: 15' OCM 4% OIL, 96% MUD

TOOL SAMPLE: 5% OIL, 95% MUD

FRITZ UNIT #1-24





DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: FRITZUNIT124DST1

TIME ON: 02:04
 TIME OFF: 11:52

Company MID-CONTINENT ENERGY OPERATING COMPANY Lease & Well No. FRITZ UNIT #1-24
 Contractor VAL RIG #7 Charge to MID-CONTINENT ENERGY OPERATING COMPANY
 Elevation 2,237 KB Formation MISSISSIPPI Effective Pay _____ Ft. Ticket No. _____
 Date 11.18.11 Sec. 24 Twp. _____ 17 S Range _____ 22 W County NESS State KANSAS
 Test Approved By AUSTIN GARNER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 1 Interval Tested from 4,212 ft. to 4,254 ft. Total Depth 4,254 ft.
 Packer Depth 4,207 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4,212 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4,193 ft. Recorder Number 8471 Cap. 10,000 P.S.I.
 Bottom Recorder Depth (Outside) 4,251 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 43 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.1 Water Loss 7.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 7,000 P.P.M. Drill Pipe Length 4,179 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 42 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: WEAK 1/4" BLOW INCREASING TO 1" (NOBB)
 2nd Open: WEAK SURFACE BLOW THRU-OUT (NOBB)

Recovered 15 ft. of OCM 4% OIL, 96% MUD
 Recovered 15 ft. of TOTAL FLUID
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>5% OIL, 95% MUD</u>	Total

Time Set Packer(s) 5:22 A.M. A.M. P.M. Time Started Off Bottom 9:37 A.M. A.M. P.M. Maximum Temperature 114
 Initial Hydrostatic Pressure..... (A) 1,998 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 24 P.S.I. to (C) 27 P.S.I.
 Initial Closed In Period..... Minutes 75 (D) 557 P.S.I.
 Final Flow Period..... Minutes 60 (E) 27 P.S.I. to (F) 28 P.S.I.
 Final Closed In Period..... Minutes 90 (G) 368 P.S.I.
 Final Hydrostatic Pressure..... (H) 1,996 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.