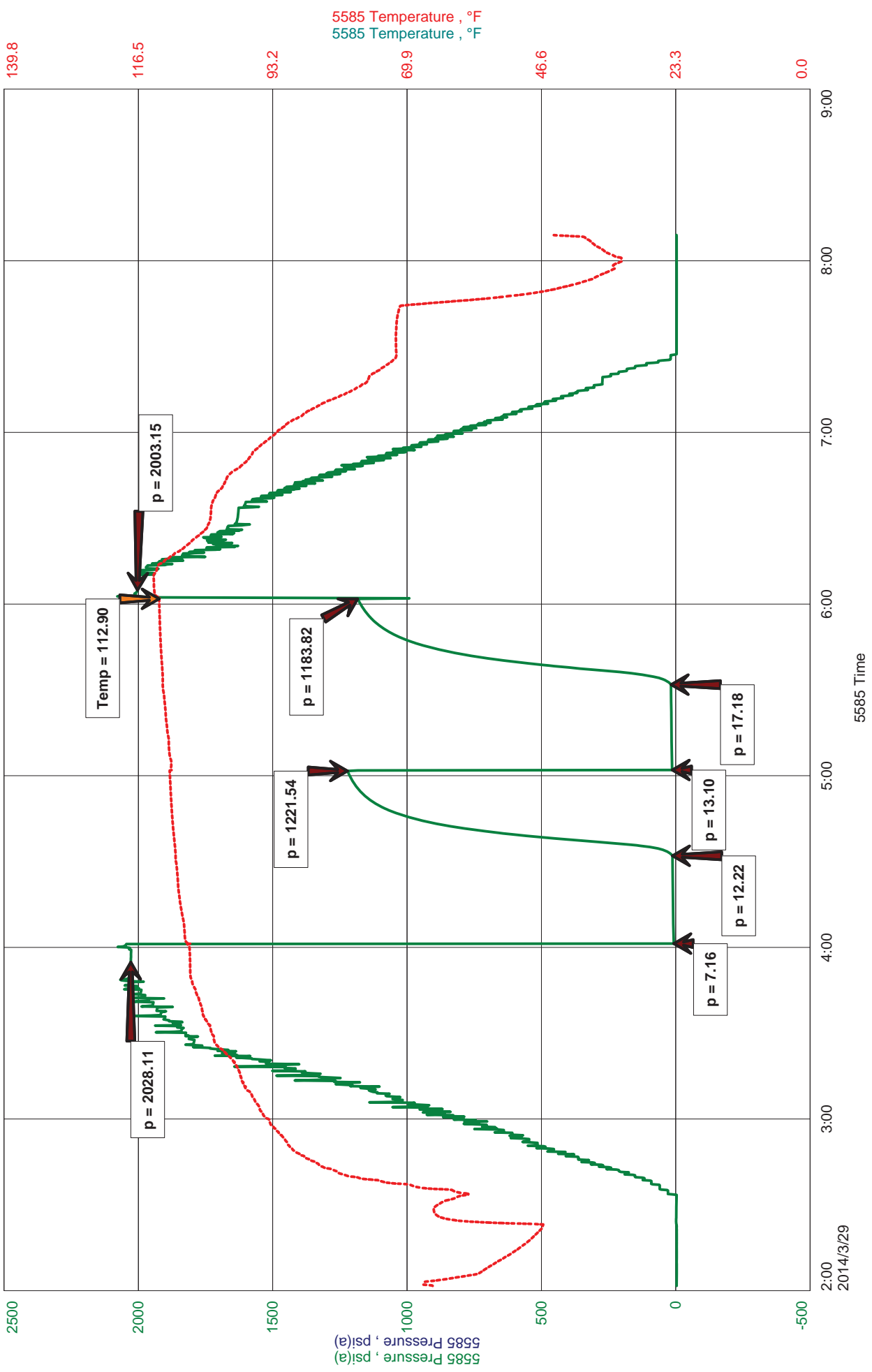


NEW GULF OPERATING LLC.
DST1 LKC"H" 4158-4200
Start Test Date: 2014/03/29
Final Test Date: 2014/03/29

FROMHOLTZ 1-14
Formation: DST1 LKC"H" 4158-4200
Pool: WILDCAT
Job Number: A032

FROMHOLTZ 1-14



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	NEW GULF OPERATING LLC.	Contact	JIM HENKLE	Job Number	A032
Well Name	FROMHOLTZ 1-14	Well Operator	NEW GULF OPERATING LLC.	Report Date	2014/03/29
Unique Well ID	DST1 LKC"H" 4158-4200	Prepared By	ANDY CARREIRA		
Surface Location	SEC 14-12S-32W LOGAN CNTY, KS				
Well License Number					
Field	WILDCAT				
Well Type	Vertical				

Test Information

Test Type	CONVENTIONAL
Formation	DST1 LKC"H" 4158-4200
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/03/29	Start Test Time	02:01:00
Final Test Date	2014/03/29	Final Test Time	08:09:00

Gauge Name	5585
------------	------

Test Results

RECOVERY: 5' MUD

TOOL SAMPLE: TRACE OIL, MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: FROMHOLTZ 1-14 DST1

TIME ON: 02:01
TIME OFF: 08:09

Company NEW GULF OPERATING LLC. Lease & Well No. FROMHOLTZ 1-14
Contractor VAL 4 Charge to NEW GULF OPERATING LLC.
Elevation 3001 KB Formation LKC"H" Effective Pay _____ Ft. Ticket No. A032
Date 3-29-14 Sec. 14 Twp. _____ 12 S Range _____ 32 W County LOGAN State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative ANDY CARREIRA

Formation Test No. 1 Interval Tested from 4158 ft. to 4200 ft. Total Depth 4200 ft.
Packer Depth 4153 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4158 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4139 ft. Recorder Number 5585 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4160 ft. Recorder Number 8471 Cap. 10000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 8.0 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 2400 P.P.M. Drill Pipe Length 4125 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 09 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: BLOW DIED IN 3 MIN. (NObb)
2nd Open: NO BLOW (NObb)

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

Time Set Packer(s) 4:02 AM A.M. P.M. Time Started Off Bottom 6:02 AM A.M. P.M. Maximum Temperature 113
Initial Hydrostatic Pressure..... (A) 2028 P.S.I.
Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 12 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1222 P.S.I.
Final Flow Period..... Minutes 30 (E) 13 P.S.I. to (F) 17 P.S.I.
Final Closed In Period..... Minutes 30 (G) 1184 P.S.I.
Final Hydrostatic Pressure..... (H) 2003 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.