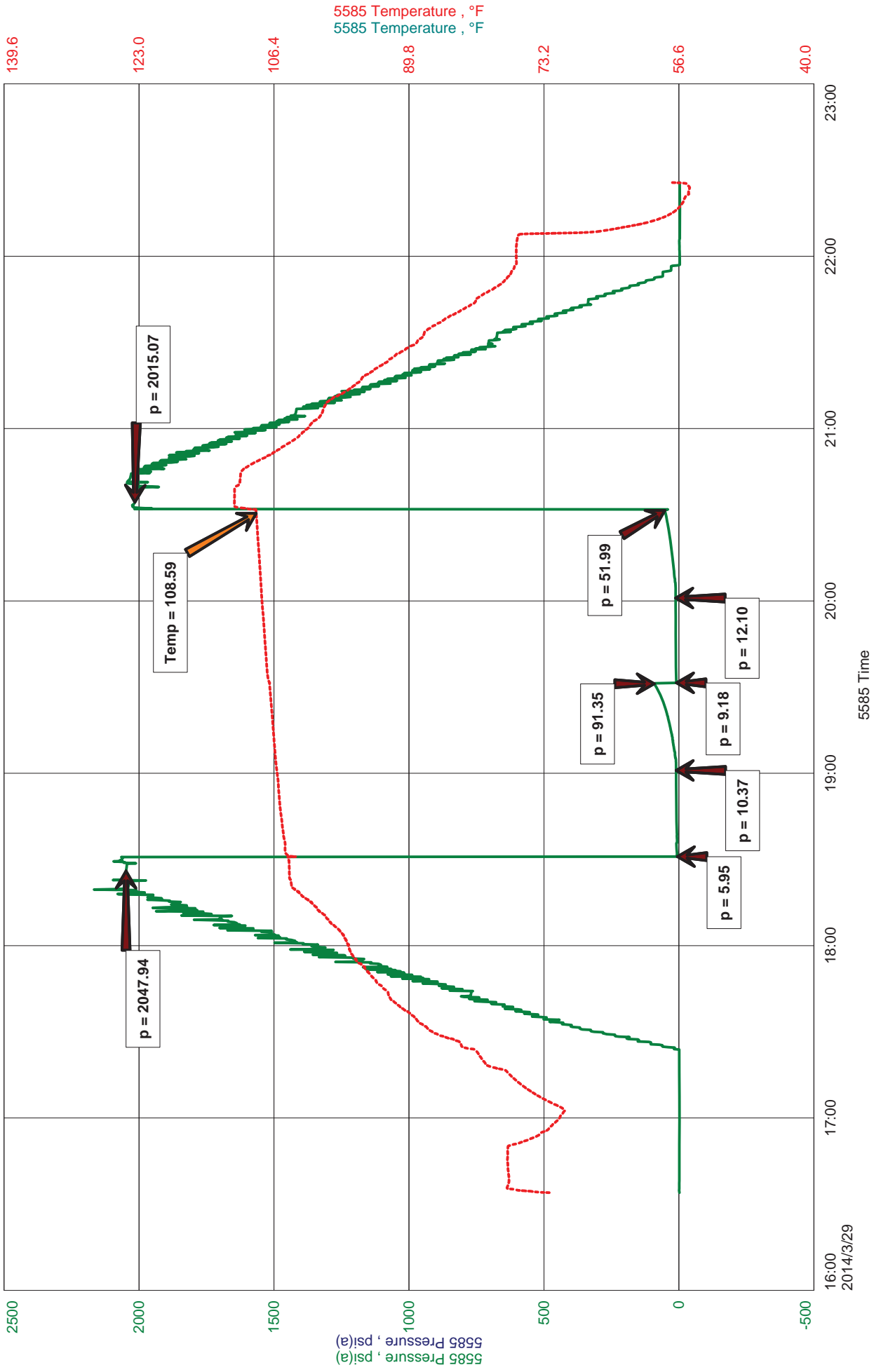


NEW GULF OPERATING LLC  
DST2 LKC" 4198-4228  
Start Test Date: 2014/03/29  
Final Test Date: 2014/03/29

FROMHOLTZ 1-14  
Formation: DST2 LKC" 4198-4228  
Pool: WILDCAT  
Job Number: A033

# 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	A033
Well Name	FROMHOLTZ 1-14	Well Operator	NEW GULF OPERATING LLC	Representative	ANDY CARREIRA
Unique Well ID	DST2 LKC"I" 4198-4228	Report Date	2014/03/29	Well Operator	NEW GULF OPERATING LLC
Surface Location	SEC 14-12S-32W LOGAN CNTY, KS	Prepared By	ANDY CARREIRA	Well Operator	NEW GULF OPERATING LLC
Well License Number		Field	WILDCAT	Well Operator	NEW GULF OPERATING LLC
Well Type	Vertical				

## Test Information

Test Type	CONVENTIONAL
Formation	DST2 LKC"I" 4198-4228
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/03/29	Start Test Time	16:34:00
Final Test Date	2014/03/29	Final Test Time	22:26:00

Gauge Name	5585
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## Test Results

RECOVERY: 3' OSM

TOOL SAMPLE: 3% OIL, 97% MUD



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: FROMHOLTZ 1-14 DST2

TIME ON: 16:34  
TIME OFF: 22:26

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 "I" Effective Pay \_\_\_\_\_ Ft. Ticket No. A033  
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. 2 Interval Tested from 4198 ft. to 4228 ft. Total Depth 4228 ft.  
Packer Depth 4193 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4198 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 4179 ft. Recorder Number 5585 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 4200 ft. Recorder Number 8471 Cap. 10000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 3000 P.P.M. Drill Pipe Length 4165 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 30 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>3</u> ft. of <u>OSM</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>3% OIL, 97% MUD</u>	Total

Time Set Packer(s) 6:32 PM A.M. P.M. Time Started Off Bottom 8:32 PM A.M. P.M. Maximum Temperature 109  
Initial Hydrostatic Pressure..... (A) 2048 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 6 P.S.I. to (C) 10 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 91 P.S.I.  
Final Flow Period..... Minutes 30 (E) 9 P.S.I. to (F) 12 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 52 P.S.I.  
Final Hydrostatic Pressure..... (H) 2015 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.