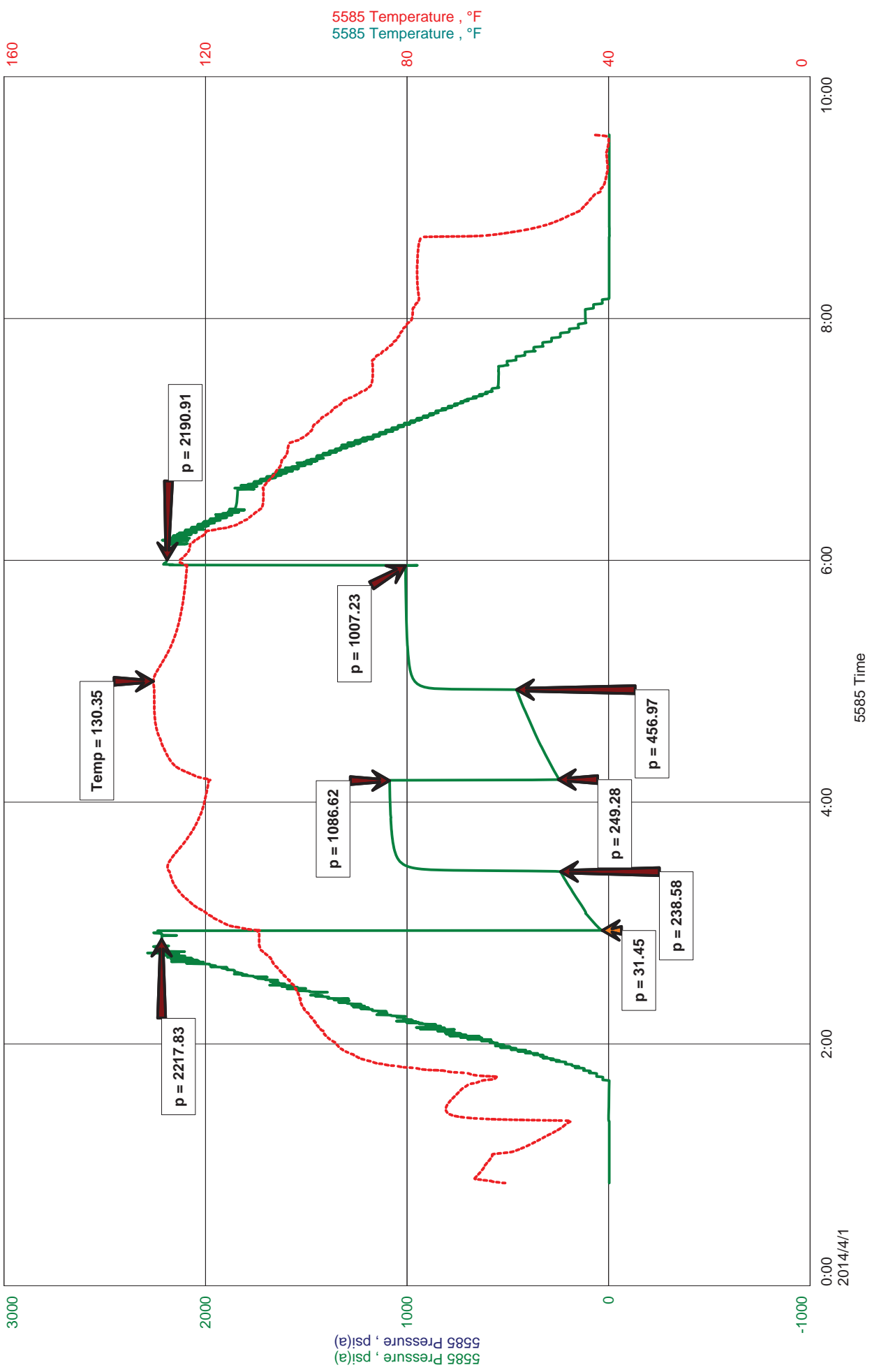


NEW GULF OPERATING LLC
DST4 "JOHNSON" 4534-4598
Start Test Date: 2014/04/01
Final Test Date: 2014/04/01

FROMHOLTZ 1-14
Formation: DST4 "JOHNSON" 4534-4598
Pool: WILDCAT
Job Number: A035

FROMHOLTZ 1-14



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	NEW GULF OPERATING LLC	Job Number	A035
Contact	JIM HENKLE	Representative	ANDY CARREIRA
Well Name	FROMHOLTZ 1-14	Well Operator	NEW GULF OPERATING LLC
Unique Well ID	DST4 "JOHNSON" 4534-4598	Report Date	2014/04/01
Surface Location	SEC 14-12S-32W LOGAN CNTY,KS	Prepared By	ANDY CARREIRA
Well License Number			
Field	WILDCAT		
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST4 "JOHNSON" 4534-4598
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/04/01	Start Test Time	00:51:00
Final Test Date	2014/04/01	Final Test Time	09:31:00

Gauge Name	5585
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Test Results

RECOVERY: 910' GIP
640' GO 20%G,80%O
189' MCGO 15%G,55%O,30%M
252' SMCGO 15%G,70%O,15%M
126' MCGO 15%G,40%O,45%M
1207' TOTAL FLUID GRAVITY: 26 @ 60

TOOL SAMPLE: 100% OIL



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: FROMHOLTZ 1-14 DST4

TIME ON: 00:51
TIME OFF: 09:31

Company NEW GULF OPERATING LLC. Lease & Well No. FROMHOLTZ 1-14
Contractor VAL 4 Charge to NEW GULF OPERATING LLC.
Elevation 3001 KB Formation JOHNSON Effective Pay _____ Ft. Ticket No. A035
Date 4-1-14 Sec. 14 Twp. _____ 12 S Range _____ 32 W County LOGAN State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative ANDY CARREIRA

Formation Test No. 4 Interval Tested from 4534 ft. to 4598 ft. Total Depth 4598 ft.
Packer Depth 4529 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4534 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4520 ft. Recorder Number 5585 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4536 ft. Recorder Number 8471 Cap. 10000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 67 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8.0 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 3000 P.P.M. Drill Pipe Length 4501 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 64 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: BOB IN 4 MIN. (BOBbb IN 40 MIN.)
2nd Open: BOB IMMEDIATELY (BOBbb IN 28 MIN.)

Recovered <u>910</u> ft. of <u>GIP</u>	
Recovered <u>640</u> ft. of <u>GO 20%G,80%O</u>	
Recovered <u>189</u> ft. of <u>MCGO 15%G,55%O,30%M</u>	
Recovered <u>252</u> ft. of <u>SMCGO 15%G,70%O,15%M</u>	
Recovered <u>126</u> ft. of <u>MCGO 15%G,40%O,45%M</u>	Price Job
Recovered <u>1207</u> ft. of <u>TOTAL FLUID GRAVITY: 26 @ 60</u>	Other Charges
Remarks: _____	Insurance
<u>TOOL SAMPLE: 100% OIL</u>	Total

Time Set Packer(s) 2:56 AM A.M. P.M. Time Started Off Bottom 5:56 AM A.M. P.M. Maximum Temperature 130
Initial Hydrostatic Pressure..... (A) 2218 P.S.I.
Initial Flow Period..... Minutes 30 (B) 31 P.S.I. to (C) 239 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1087 P.S.I.
Final Flow Period..... Minutes 45 (E) 249 P.S.I. to (F) 457 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1007 P.S.I.
Final Hydrostatic Pressure..... (H) 2191 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.