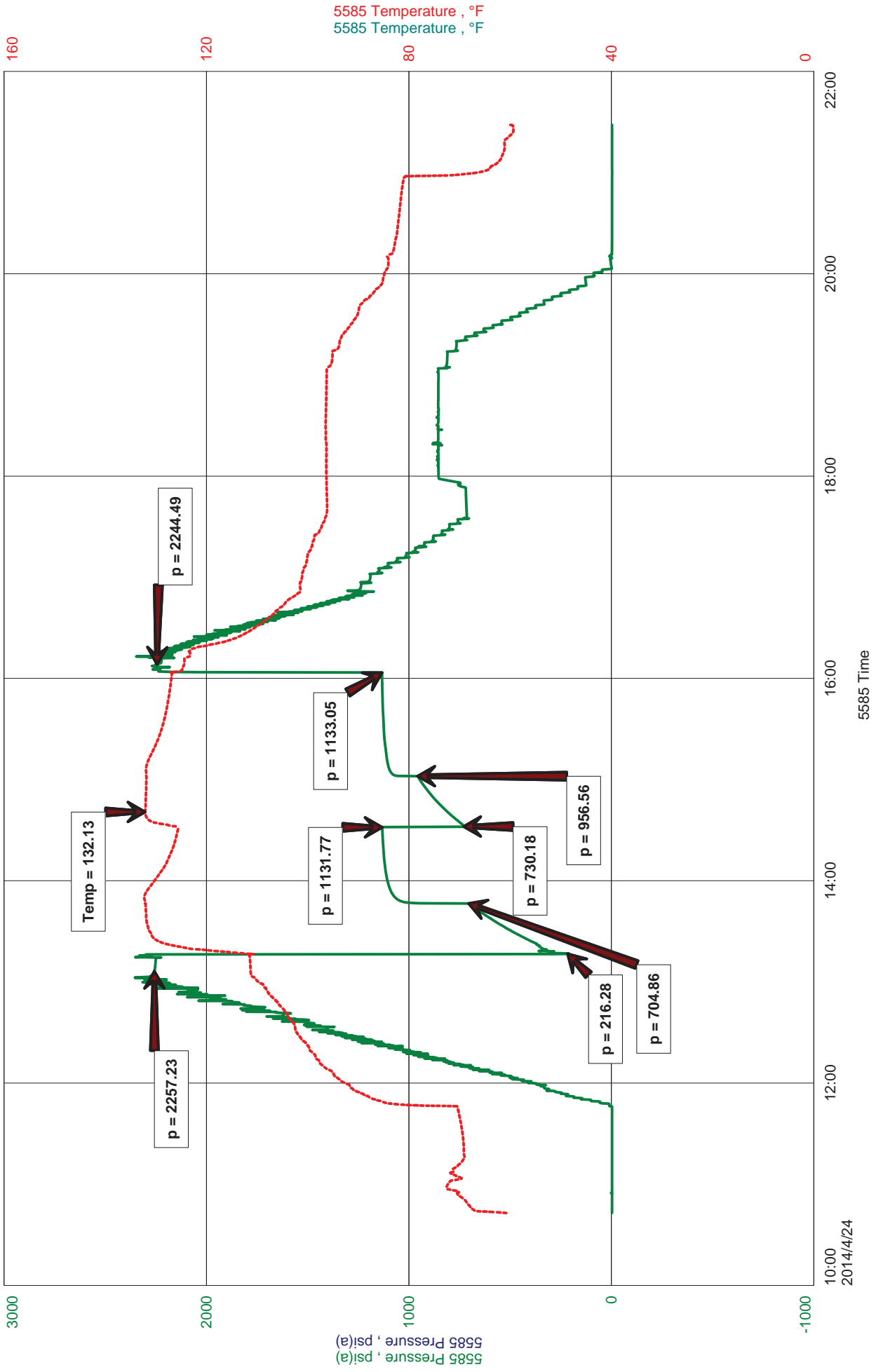


NEW GULF OPERATING LLC
DST5"JOHNSON"4601-4651
Start Test Date: 2014/04/24
Final Test Date: 2014/04/24

BOYD 1-3
Formation: DST5"JOHNSON"4601-4651
Pool: WILDCAT
Job Number: A049

BOYD 1-3



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	NEW GULF OPERATING LLC	Job Number	A049
Contact	JIM HENKLE	Representative	ANDY CARREIRA
Well Name	BOYD 1-3	Well Operator	NEW GULF OPERATING LLC
Unique Well ID	DST5" JOHNSON"4601-4651	Report Date	2014/04/24
Surface Location	SEC3-12S-32W LOGAN CNTY,KS	Prepared By	ANDY CARREIRA
Well License Number			
Field	WILDCAT		
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST5" JOHNSON"4601-4651
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/04/24	Start Test Time	10:43:00
Final Test Date	2014/04/24	Final Test Time	21:28:00

Gauge Name	5585
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Test Results

RECOVERY:	2414' CGO 5%G, 95%O 126' OCGM 5%G, 30%O,65%M 2540 TOTAL FLUID	GRAVITY: 25 @ 60 deg
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TOOL SAMPLE: 100% OIL



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BOYD 1-3 DST5

TIME ON: 10:43
TIME OFF: 21:28

Company NEW GULF OPERATING LLC Lease & Well No. BOYD 1-3
Contractor VAL 4 Charge to NEW GULF OPERATIG LLC
Elevation 3058 KB Formation JOHNSON Effective Pay _____ Ft. Ticket No. A049
Date 4-24-14 Sec. 3 Twp. 12 S Range 32 W County LOGAN State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative ANDY CARREIRA

Formation Test No. 5 Interval Tested from 4601 ft. to 4651 ft. Total Depth 4651 ft.
Packer Depth 4596 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4601 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4582 ft. Recorder Number 5585 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4603 ft. Recorder Number 8471 Cap. 10000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 57 Drill Collar Length 29 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3000 P.P.M. Drill Pipe Length 4568 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 YES Anchor Length 50 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 1 MIN (BOBbb)
2nd Open: BOB IMMEDIATELY (BOBbb)

Recovered 2414 ft. of CGO 5%G, 95%O GRAVITY: 25 @ 60 deg
Recovered 126 ft. of _____
Recovered 2540 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: _____	
TOOL SAMPLE: <u>100% OIL</u>	Total

Time Set Packer(s) 1:17 PM A.M. P.M. Time Started Off Bottom 4:02 PM A.M. P.M. Maximum Temperature 132
Initial Hydrostatic Pressure..... (A) 2257 P.S.I.
Initial Flow Period..... Minutes 30 (B) 216 P.S.I. to (C) 705 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1132 P.S.I.
Final Flow Period..... Minutes 30 (E) 730 P.S.I. to (F) 957 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1133 P.S.I.
Final Hydrostatic Pressure..... (H) 2244 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.