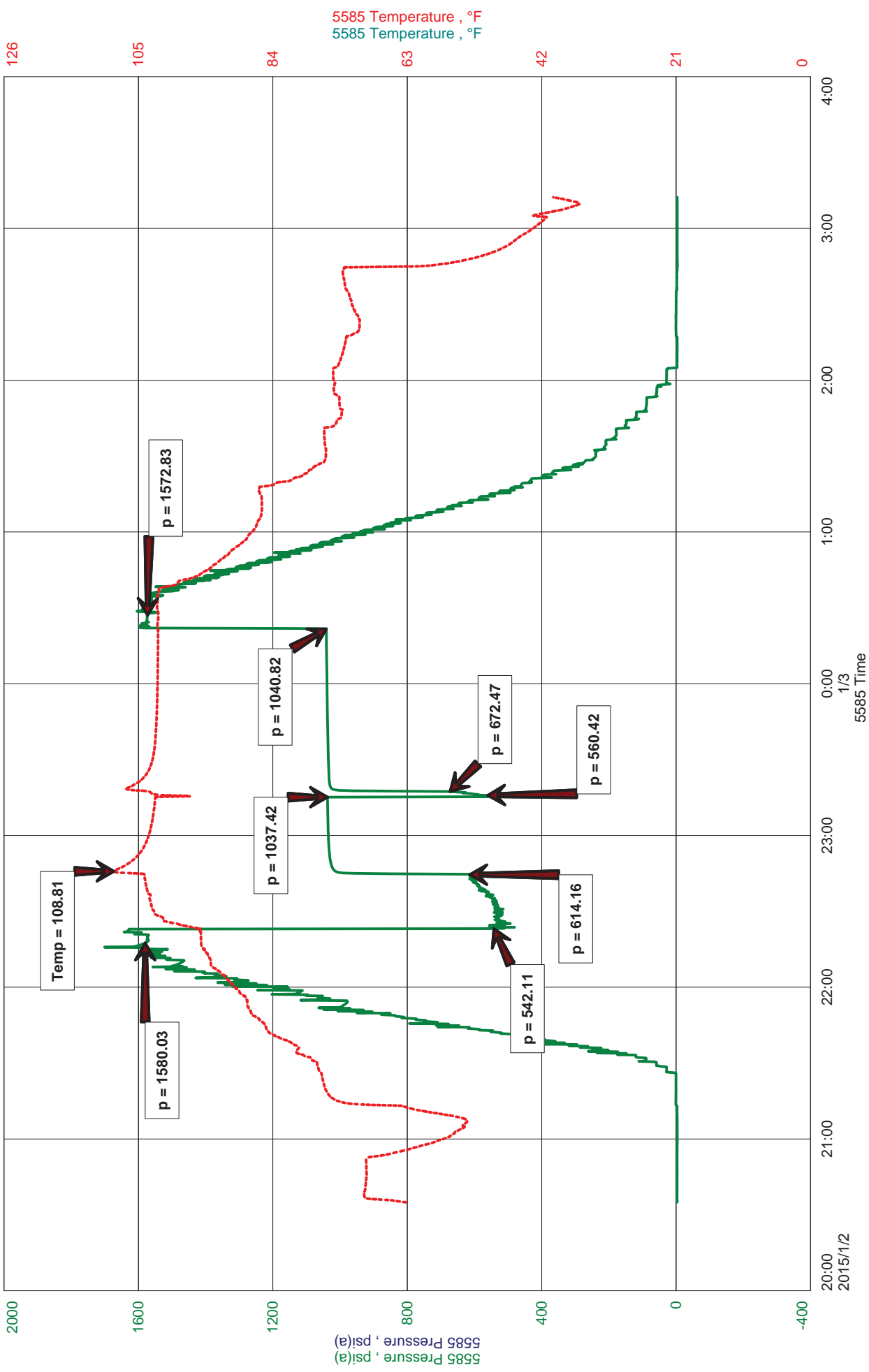


LD DRILLING INC
DST1 LANS C-F 3281-3344
Start Test Date: 2015/01/02
Final Test Date: 2015/01/03

McCRARY 9
Formation: DST1 LANS C-F 3281-3344
Pool: WILDCAT
Job Number: A139

McCRARY 9



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	LD DRILLING INC	LD DAVIS	Job Number	A139
Contact		McCRRARY 9	Representative	ANDY CARREIRA
Well Name		DST1 LANS C-F 3281-3344	Well Operator	LD DRILLING INC
Unique Well ID		SEC 19-21S-12W STAFFORD CNTY,KS	Report Date	2015/01/02
Surface Location			Prepared By	ANDY CARREIRA
Well License Number				
Field		WILDCAT		
Well Type		Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST1 LANS C-F 3281-3344
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2015/01/02	Start Test Time	20:35:00
Final Test Date	2015/01/03	Final Test Time	03:12:00

Gauge Name	5585
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Test Results

RECOVERY: 123' GOCWM 10%G,5%O,30%W,55%M
406' GOCMW 10%G,5%O,80%W,5%M
529' TOTAL FLUID



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: McCRARY 9 DST1

TIME ON: 20:35
TIME OFF: 03:12

Company LD DRILLING INC Lease & Well No. McCRARY 9
Contractor PETROMARK 2 Charge to LD DRILLING INC
Elevation 1865 GL EST Formation LANS C-F Effective Pay _____ Ft. Ticket No. A139
Date 1-2-15 Sec. 19 Twp. 21 S Range 12 W County STAFFORD State KANSAS
Test Approved By KURT TALBOTT Diamond Representative ANDY CARREIRA

Formation Test No. 1 Interval Tested from 3281 ft. to 3344 ft. Total Depth 3344 ft.
Packer Depth 3276 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3281 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3269 ft. Recorder Number 5585 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3283 ft. Recorder Number 8471 Cap. 10000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 51 Drill Collar Length 123.11 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3000 P.P.M. Drill Pipe Length 3132.89 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? YES Reversed Out NO Anchor Length 63 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 30 SEC. GTS IN 1 MIN. FLUID TO SURFACE IN 4 MIN. (BOBbb)
2nd Open: BOB FOR 8 MIN. DECREASED TO 6" (5"bb)

Recovered 123 ft. of GOCWM 10%G,5%O,30%W,55%M
Recovered 406 ft. of GOCMW 10%G,5%O,80%W,5%M
Recovered 529 ft. of TOTAL FLUID CHLORIDES= 40000 PPM

Recovered _____ ft. of _____	RW= .2 @ 60	
Recovered _____ ft. of _____	PH= 6	Price Job
Recovered _____ ft. of _____		Other Charges
Remarks: <u>DRILLER TURNED TOOL 8 TIMES.INSTEAD OF 5 ON ISI. ONLY ABLE TO TURN TOOL 2 TIMES FOR FINAL SHUT IN</u>		Insurance
<u>TOOL SAMPLE: LESS THAN 1% OIL, WATER</u>		Total

Time Set Packer(s) 10:24 PM A.M. P.M. Time Started Off Bottom 12:19 AM A.M. P.M. Maximum Temperature 109

Initial Hydrostatic Pressure..... (A) 1580 P.S.I.
Initial Flow Period..... Minutes 20 (B) 542 P.S.I. to (C) 614 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1037 P.S.I.
Final Flow Period..... Minutes 20 (E) 560 P.S.I. to (F) 672 P.S.I.
Final Closed In Period..... Minutes 45 (G) 1041 P.S.I.
Final Hydrostatic Pressure..... (H) 1573 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.