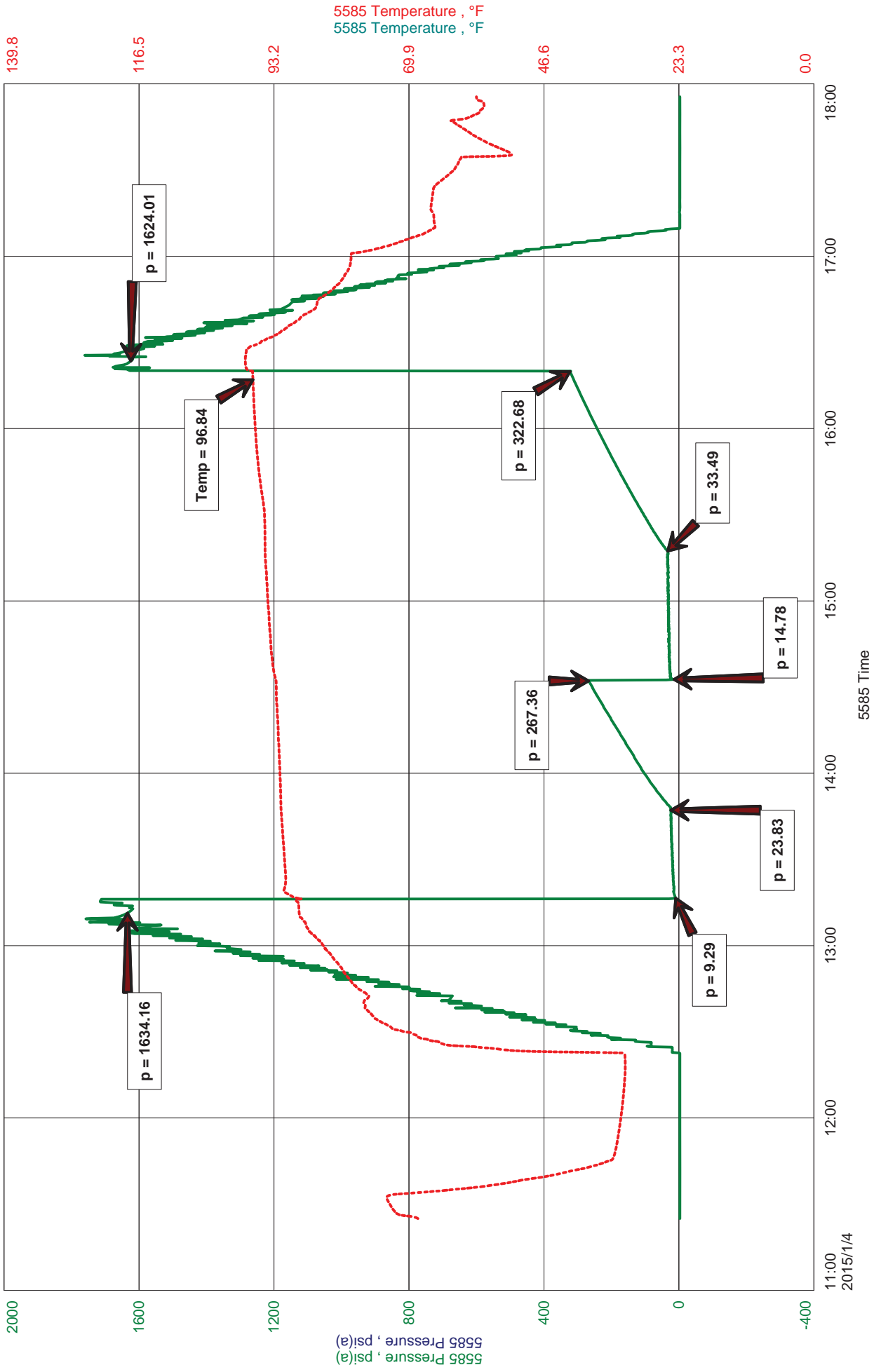


LD DRILLING INC
DST3 LANS K+L 3436-3500
Start Test Date: 2015/01/04
Final Test Date: 2015/01/04

McCRARY 9
Formation: DST3 LANS K+L 3436-3500
Pool: WILDCAT
Job Number: A141

McCRARY 9



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	LD DRILLING INC	LD DAVIS	Job Number	A141
Contact		McCRARY 9	Representative	ANDY CARREIRA
Well Name		DST3 LANS K+L 3436-3500	Well Operator	LD DRILLING INC
Unique Well ID		SEC 19-21S-12W STAFFORD CNTY,KS	Report Date	2014/01/14
Surface Location			Prepared By	ANDY CARREIRA
Well License Number				
Field		WILDCAT		
Well Type		Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST3 LANS K+L 3436-3500
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2015/01/04	Start Test Time	11:25:00
Final Test Date	2015/01/04	Final Test Time	17:55:00

Gauge Name	5585
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Test Results

RECOVERY: 90' GIP
30' MUD
30' TOTAL FLUID

TOOL SAMPLE: 100% MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: McCRARY 9 DST3

TIME ON: 11:25
TIME OFF: 17:55

Company LD DRILLING INC Lease & Well No. McCRARY 9
Contractor PETROMARK 2 Charge to LD DRILLING INC
Elevation 1865 GL EST Formation LANS K+L Effective Pay _____ Ft. Ticket No. A141
Date 1-4-15 Sec. 19 Twp. 21 S Range 12 W County STAFFORD State KANSAS
Test Approved By KURT TALBOTT Diamond Representative ANDY CARREIRA

Formation Test No. 3 Interval Tested from 3436 ft. to 3500 ft. Total Depth 3500 ft.
Packer Depth 3431 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3436 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3424 ft. Recorder Number 5585 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3438 ft. Recorder Number 8471 Cap. 10000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 48 Drill Collar Length 123.11 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5000 P.P.M. Drill Pipe Length 3287.89 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? 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 25 MIN. (NObb)
2nd Open: BOB IN 30 MIN. (NObb)

Recovered 90 ft. of GIP
Recovered 30 ft. of MUD
Recovered 30 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: _____	
TOOL SAMPLE: 100% MUD	Total

Time Set Packer(s) 1:17 PM A.M. P.M. Time Started Off Bottom 4:17 PM A.M. P.M. Maximum Temperature 97

Initial Hydrostatic Pressure..... (A) 1634 P.S.I.
Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 24 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 267 P.S.I.
Final Flow Period..... Minutes 45 (E) 15 P.S.I. to (F) 33 P.S.I.
Final Closed In Period..... Minutes 60 (G) 323 P.S.I.
Final Hydrostatic Pressure..... (H) 1624 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.