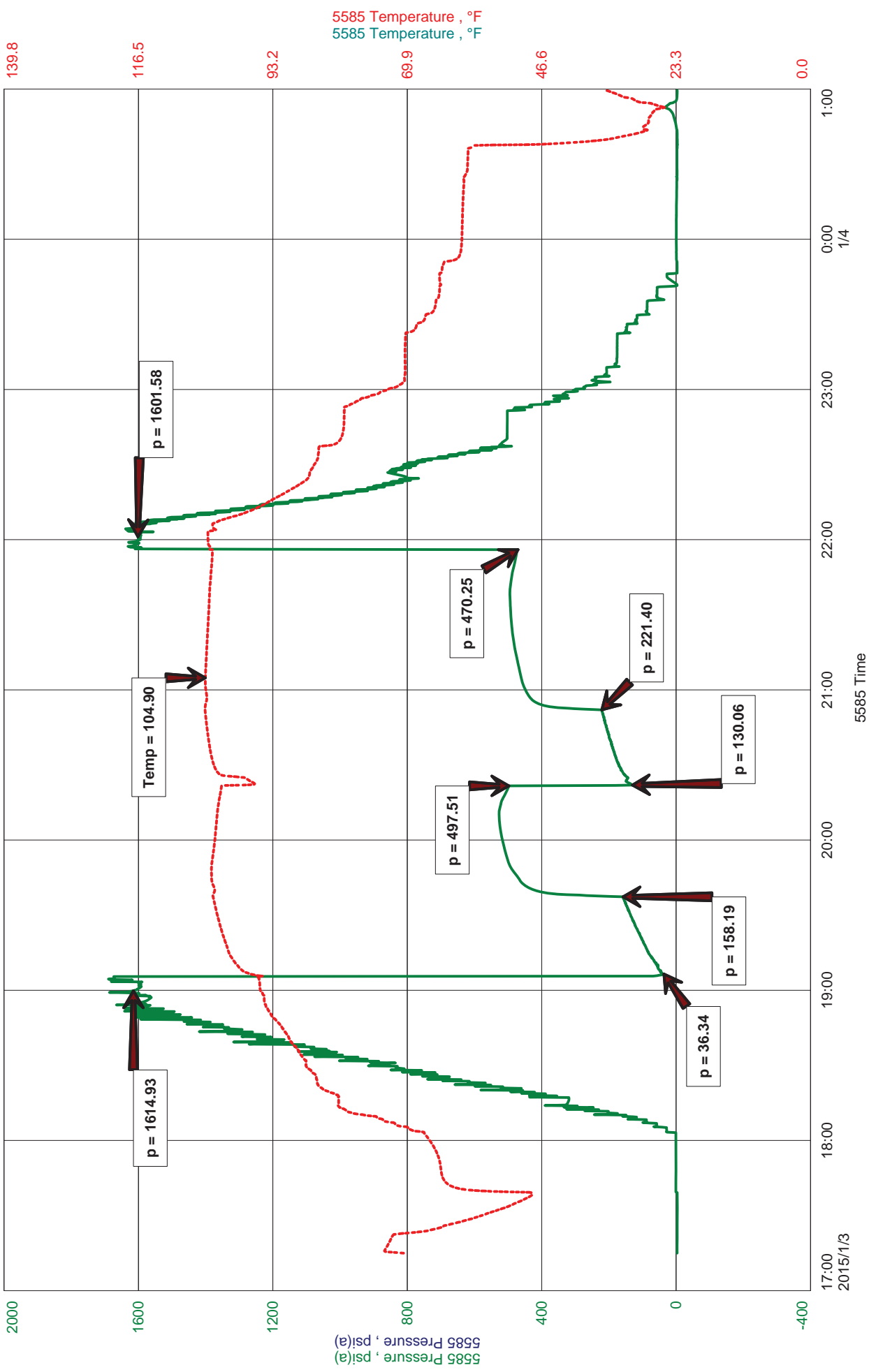


LD DRILLING INC
DST2 LANS H,I,J 3380-3440
Start Test Date: 2015/01/03
Final Test Date: 2015/01/04

McCRARY 9
Formation: DST2 LANS H,I,J 3380-3440
Pool: WILDCAT
Job Number: A140

McCRARY 9



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	LD DRILLING INC	LD DAVIS	Job Number	A140
Contact		McCRARY 9	Representative	ANDY CARREIRA
Well Name		DST2 LANS H,I,J 3380-3440	Well Operator	LD DRILLING INC
Unique Well ID		SEC 19-21S-12W STAFFORD CNTY,KS	Report Date	2015/01/03
Surface Location			Prepared By	ANDY CARREIRA
Well License Number				
Field		WILDCAT		
Well Type		Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST2 LANS H,I,J 3380-3440
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2015/01/03	Start Test Time	17:15:00
Final Test Date	2015/01/04	Final Test Time	01:00:00

Gauge Name	5585
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Test Results

RECOVERY: 112' GOCWM 10%G,5%O,20%W,65%M
63' GOCMW 10%G,10%O,50%W,30%M
315' GOSMW 5%G,2%O,88%W,5%M
490' TOTAL FLUID

CHLORIDES= 14000 PPM
RW= .7 @ 58
PH= 6

TOOL SAMPLE: LESS THAN 1%OIL, WATER



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: McCRARY 9 DST2

TIME ON: 17:15
TIME OFF: 01:00

Company LD DRILLING INC Lease & Well No. McCRARY 9
Contractor PETROMARK 2 Charge to LD DRILLING INC
Elevation 1865 GL EST Formation LANS H,I,J Effective Pay _____ Ft. Ticket No. A140
Date 1-3-15 Sec. 19 Twp. 21 S Range 12 W County STAFFORD State KANSAS
Test Approved By KURT TALBOTT Diamond Representative ANDY CARREIRA

Formation Test No. 2 Interval Tested from 3380 ft. to 3440 ft. Total Depth 3440 ft.
Packer Depth 3375 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3380 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3368 ft. Recorder Number 5585 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3382 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 3231.89 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 60 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. (10"bb)
2nd Open: BOB IMMEDIATELY (GAS TO SURFACE DURING FINAL SHUT IN) (10"bb)

Recovered 112 ft. of GOCWM 10%G,5%O,20%W,65%M
Recovered 63 ft. of GOCMW 10%G,10%O,50%W,30%M
Recovered 315 ft. of GOSMW 5%G,2%O,88%W,5%M

Recovered 490 ft. of TOTAL FLUID CHLORIDES= 14000 PPM

Recovered _____ ft. of _____	RW= .7 @ 58	Price Job
Recovered _____ ft. of _____	PH= 6	Other Charges
Remarks: _____		Insurance
TOOL SAMPLE: LESS THAN 1% OIL, WATER		Total

Time Set Packer(s) 7:06 PM A.M. P.M. Time Started Off Bottom 9:51 PM A.M. P.M. Maximum Temperature 105

Initial Hydrostatic Pressure..... (A) 1615 P.S.I.
Initial Flow Period..... Minutes 30 (B) 36 P.S.I. to (C) 158 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 498 P.S.I.
Final Flow Period..... Minutes 30 (E) 130 P.S.I. to (F) 221 P.S.I.
Final Closed In Period..... Minutes 60 (G) 470 P.S.I.
Final Hydrostatic Pressure..... (H) 1602 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.