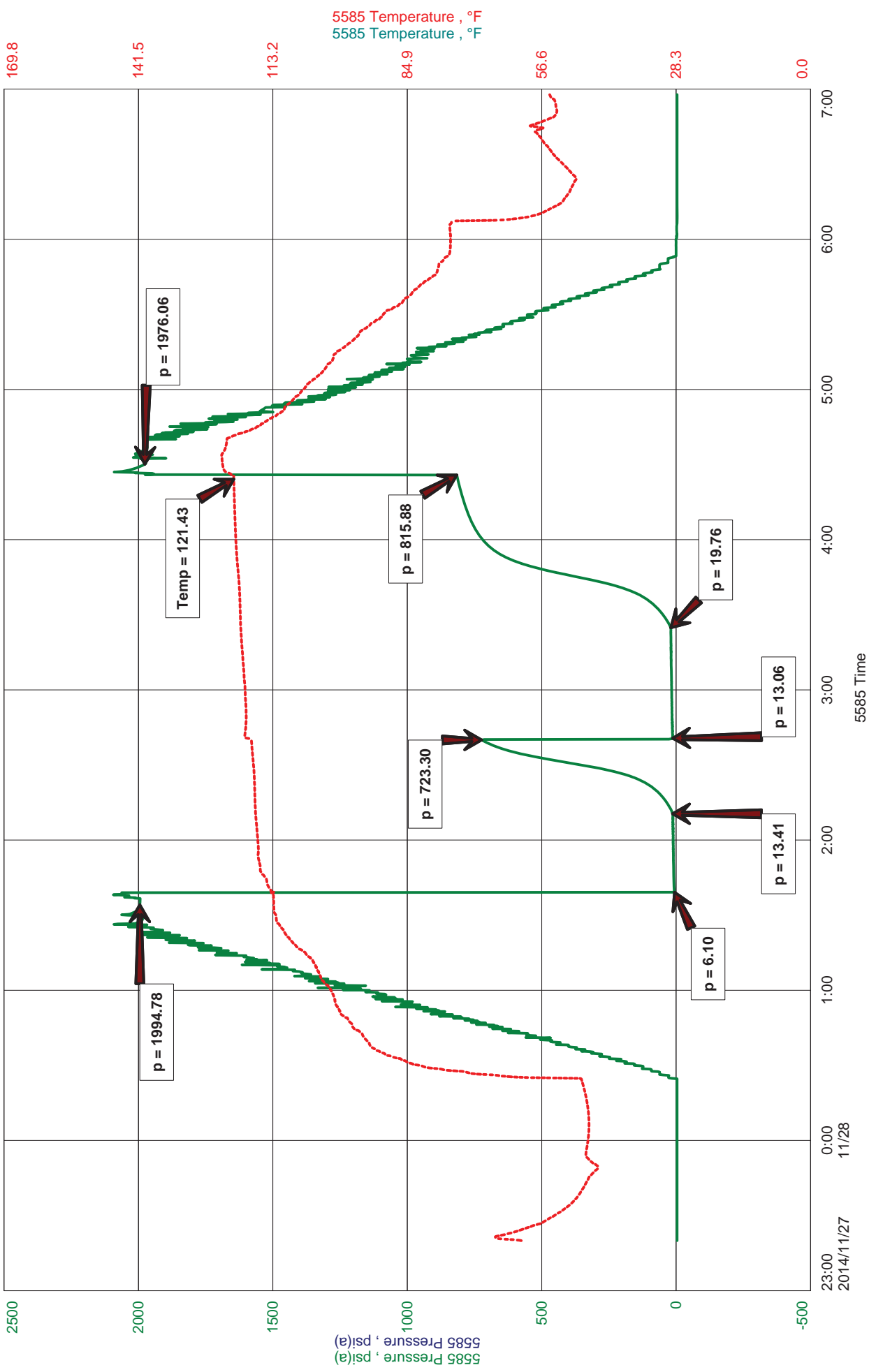


L D DRILLING INC  
DST5 CHERO JOHNSON 4198-4260  
Start Test Date: 2014/11/27  
Final Test Date: 2014/11/28

LARRY 2-31  
Formation: DST5 CHERO JOHNSON 4198-4260  
Pool: WILDCAT  
Job Number: A127

# LARRY 2-31



# DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA  
CELL # 620-617-7202

## General Information

Company Name	L D DRILLING INC	L D DAVIS	Job Number	A127
Contact		LARRY 2-31	Representative	ANDY CARREIRA
Well Name			Well Operator	L D DRILLING INC
Unique Well ID	DST5 CHERO JOHNSON 4198-4260		Report Date	2014/11/27
Surface Location	SEC 31-14S-29W GOVE CNTY,KS		Prepared By	ANDY CARREIRA
Well License Number				
Field		WILDCAT		
Well Type		Vertical		

## Test Information

Test Type	CONVENTIONAL
Formation	DST5 CHERO JOHNSON 4198-4260
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/11/27	Start Test Time	23:20:00
Final Test Date	2014/11/28	Final Test Time	07:00:00

Gauge Name	5585
------------	------

## Test Results

RECOVERY: 2' OIL  
30' HMCO 60%O, 40%M  
32' TOTAL FLUID

TOOL SAMPLE: 30%OIL, 70%MUD



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: LARRY 2-31 DST5

TIME ON: 23:20  
TIME OFF: 07:00

Company L D DRILLING INC Lease & Well No. LARRY 2-31  
Contractor L D RIG Charge to L D DRILLING INC  
Elevation 2628 KB Formation CHERO/JOHNSON Effective Pay \_\_\_\_\_ Ft. Ticket No. A127  
Date 11-27-14 Sec. 31 Twp. \_\_\_\_\_ 14 S Range \_\_\_\_\_ 29 W County GOVE State KANSAS  
Test Approved By KIM SHOEMAKER Diamond Representative ANDY CARREIRA

Formation Test No. 5 Interval Tested from 4198 ft. to 4260 ft. Total Depth 4260 ft.  
Packer Depth 4193 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4198 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4179 ft. Recorder Number 5585 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 4200 ft. Recorder Number 8471 Cap. 10000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 46 Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight 9.1 Water Loss 8.2 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides 2700 P.P.M. Drill Pipe Length 4166 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 09 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 62 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: 1/2" BLOW (NObb)  
2nd Open: SLOW BUILD TO 7" (NObb)

Recovered 2 ft. of OIL  
Recovered 30 ft. of HMCO 60%O, 40%M  
Recovered 32 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: _____	
TOOL SAMPLE: 30%OIL, 70%MUD	Total

Time Set Packer(s) 1:42 AM A.M. P.M. Time Started Off Bottom 4:27 AM A.M. P.M. Maximum Temperature 121

Initial Hydrostatic Pressure..... (A) 1995 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 5 P.S.I. to (C) 13 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 723 P.S.I.  
Final Flow Period..... Minutes 45 (E) 13 P.S.I. to (F) 20 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 816 P.S.I.  
Final Hydrostatic Pressure..... (H) 1976 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.