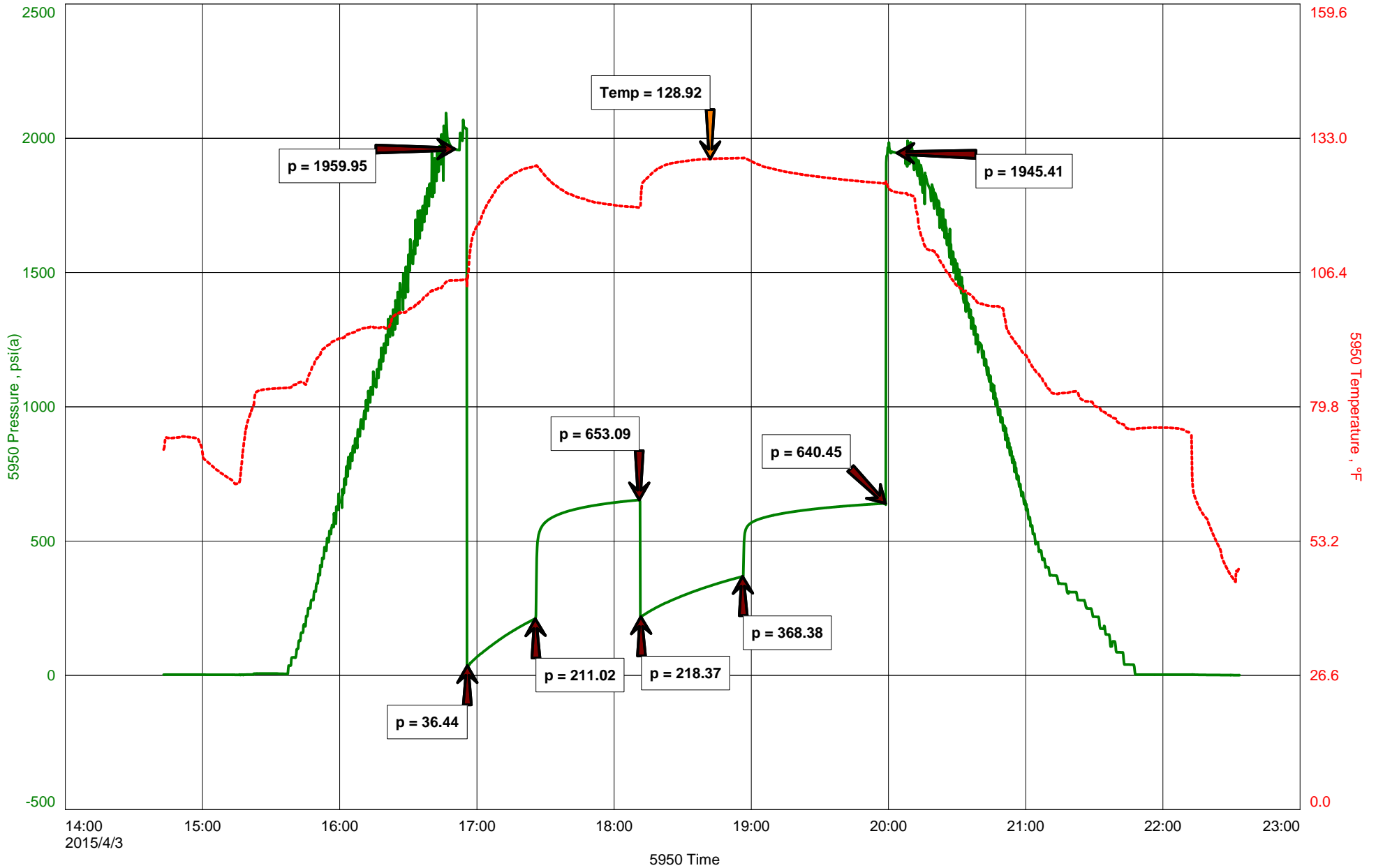


L.D. Drilling Inc  
Dst #3 L/KC 'L' 4160-4190'  
Start Test Date: 2015/04/03  
Final Test Date: 2015/04/03

Mauch #1-2  
Formation: Dst #3 L/KC 'L' 4160-4190'  
Pool: Infield  
Job Number: P0067

# Mauch #1-2





Michael Carroll  
620-617-0368  
carroll.dtlc@gmail.com

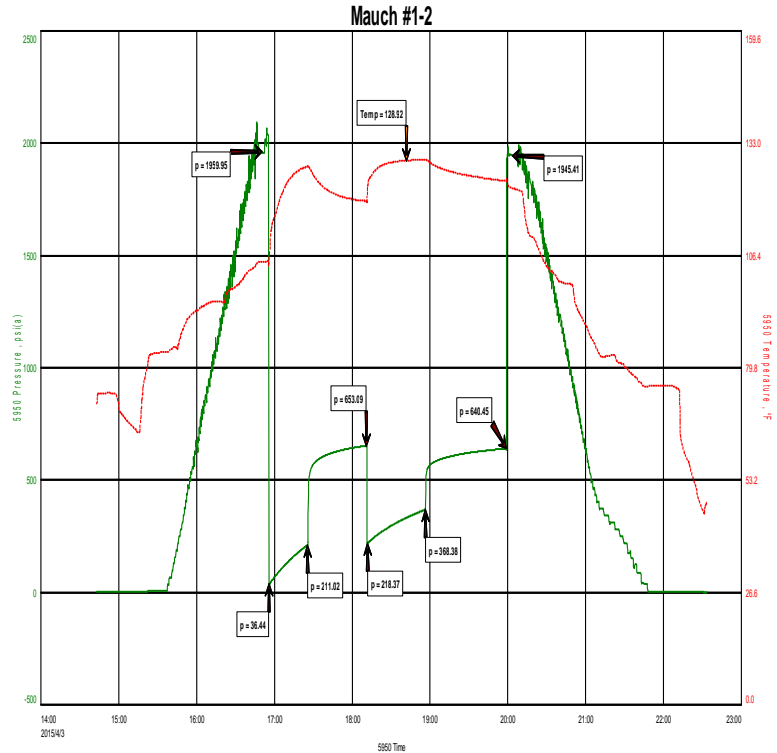
Hoisington, Kansas

**General Information**

**Company Name** L.D. Drilling Inc

**Contact** L.D. Davis  
**Well Name** Mauch #1-2  
**Unique Well ID** Dst #3 L/KC 'L' 4160-4190'  
**Surface Location** Sec2-18s-27w Lane County  
**Field** NA  
**Well Type** Vertical  
**Test Type** Drill Stem Test  
**Well Operator** L.D. Drilling Inc

**Formation** Dst #3 L/KC 'L' 4160-4190'  
**Well Fluid Type** 01 Oil  
**Test Purpose** Initial Test  
**Start Test Date** 2015/04/03  
**Start Test Time** 14:43:00  
**Final Test Time** 22:30:00  
**Job Number** P0067  
**Report Date** 2015/04/03  
**Prepared By** Michael Carroll



**TEST RECOVERY**

**Remarks** Recovery: 63' Gas In Pipe

12' Clean Oil Gravity 36 @ 60 Degrees

116' GOCMW 2%G 2%O 56%W 40%M

189' GVSLOCMW 2%G 1%O 77%W 20%M

441' VSLOCMCW 1%O 97%W 2%M

**Total Fluid:** 758'

**Tool Sample:** 2%O 98%M

Chlorides 108000 PPM  
RW .13 @ 30 Degrees  
PH 7



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: Mauch#1-2Dst3

TIME ON: 1443  
TIME OFF: 2230

Company L.D. Drilling Inc Lease & Well No. Mauch #1-2  
Contractor L.D. Drilling Charge to L.D. Drilling Inc  
Elevation 2562KB Formation L/KC 'L' Effective Pay \_\_\_\_\_ Ft. Ticket No. P0067  
Date 4-3-15 Sec. 2 Twp. 18 S Range 27 W County Lane State KANSAS  
Test Approved By Kim Shoemaker Diamond Representative Michael Carroll

Formation Test No. 3 Interval Tested from 4160 ft. to 4190 ft. Total Depth 4190 ft.  
Packer Depth 4155 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4160 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4145 ft. Recorder Number 5950 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 4164 ft. Recorder Number 0230 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 54 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.1 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 3100 P.P.M. Drill Pipe Length 4130 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number na Test Tool Length 30 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 30 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 "BLOW-BUILT TO BOB IN 5 MINUTES 15 SECONDS 1/2"BB  
2nd Open: 1 "BLOW-BUILT TO BOB IN 10 MINUTES 30 SECONDS 1"BB

Recovered 63 ft. of GAS IN PIPE CHLORIDES 108000 PPM  
Recovered 12 ft. of CLEAN OIL GRAVITY 36 @ 60 DEGREES RH .13 @ 30 DEGREES  
Recovered 116 ft. of GOCMW 2%G 2%O 56%W 40%M PH 7  
Recovered 189 ft. of GVSLOCMW 2%G 1%O 77%W 20%M  
Recovered 441 ft. of VSLOCMCW 1%O 97%W 2%M  
Recovered 758 ft. of TOTAL FLUID

Remarks: _____	Insurance _____
TOOL SAMPLE: <u>2%O 98%W</u>	Total _____

Time Set Packer(s) 4:50 P.M. A.M. P.M. Time Started Off Bottom 7:50 P.M. A.M. P.M. Maximum Temperature 129

Initial Hydrostatic Pressure..... (A) 1960 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 36 P.S.I. to (C) 211 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 653 P.S.I.  
Final Flow Period..... Minutes 45 (E) 218 P.S.I. to (F) 368 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 640 P.S.I.  
Final Hydrostatic Pressure..... (H) 1945 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.