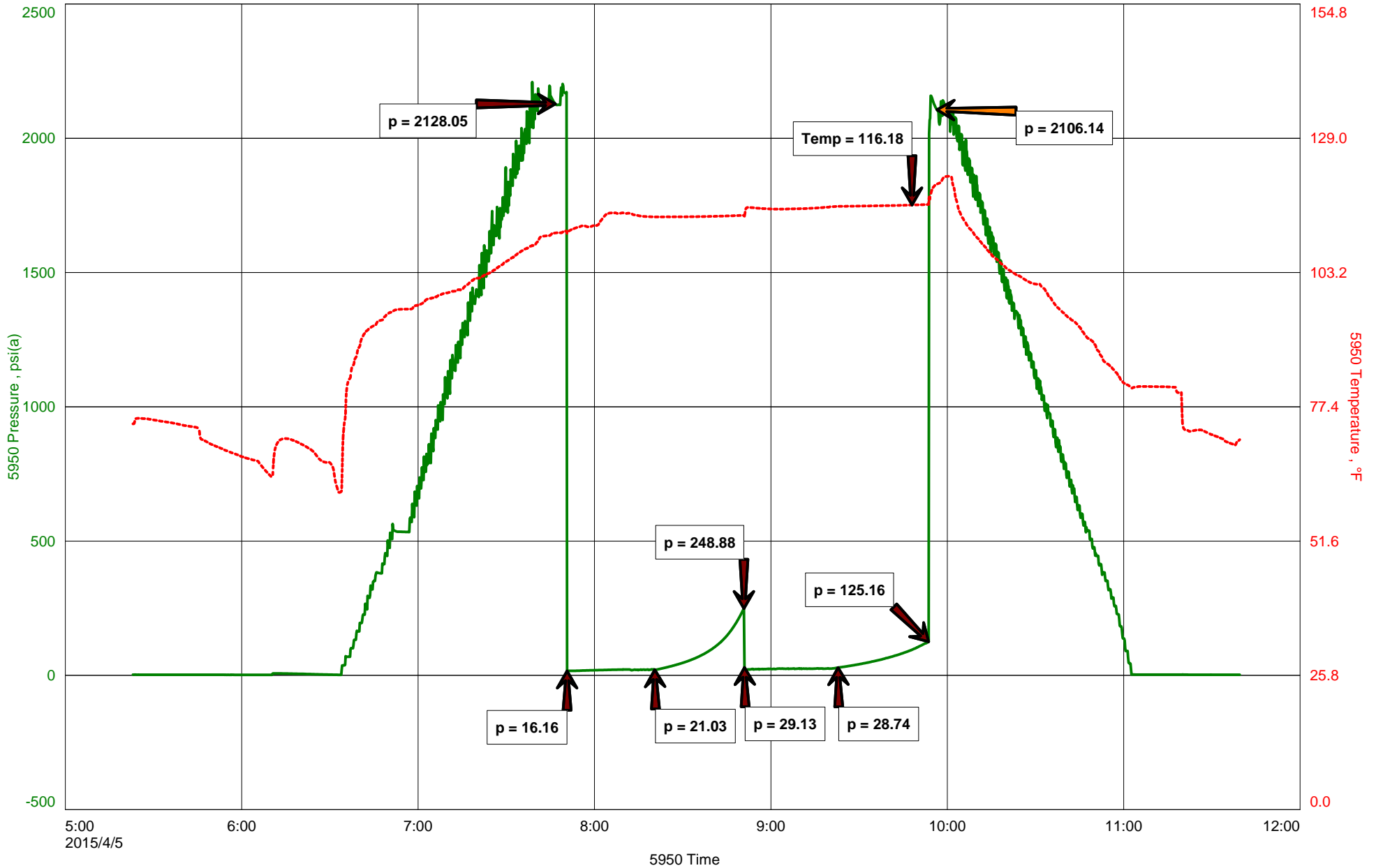


L.D. Drilling Inc  
Dst #4 Ft.Scott/Chero/John 4384-4462'  
Start Test Date: 2015/04/05  
Final Test Date: 2015/04/05

Mauch #1-2  
Formation: Dst #4 Ft.Scott/Chero/John 4384-4462'  
Pool: Infield  
Job Number: P0068

# Mauch #1-2





**Hoisington, Kansas**

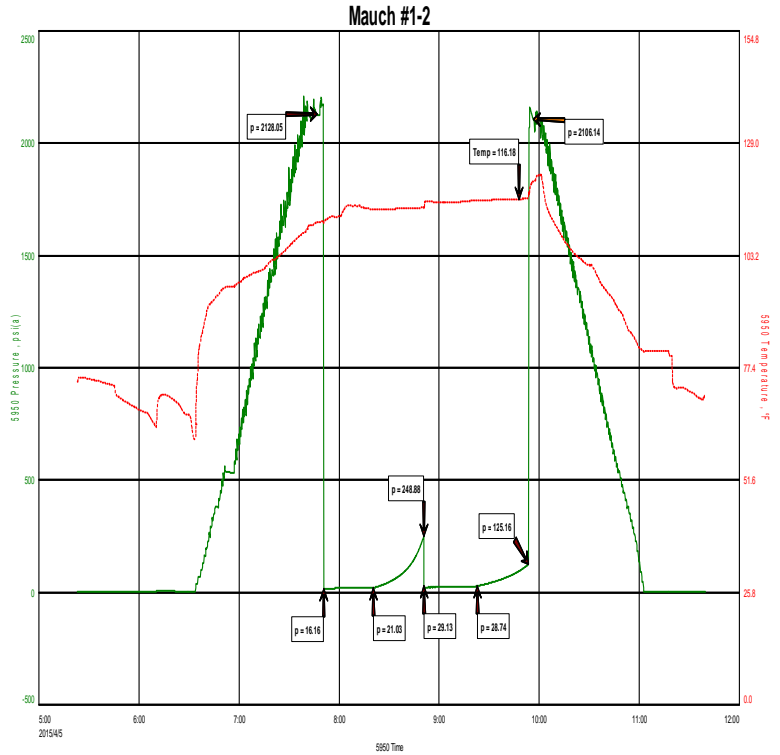
**Michael Carroll**  
**620-617-0368**  
**carroll.dtlc@gmail.com**

**General Information**

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

<b>Contact</b>	L.D. Davis
<b>Well Name</b>	Mauch #1-2
<b>Unique Well ID</b>	Dst #4 Ft.Scott/Chero/John 4384-4462'
<b>Surface Location</b>	Sec2-18s-27w Lane County
<b>Field</b>	NA
<b>Well Type</b>	Vertical
<b>Test Type</b>	Drill Stem Test
<b>Well Operator</b>	L.D. Drilling Inc

<b>Formation</b>	Dst #4 Ft.Scott/Chero/John 4384-4462'
<b>Well Fluid Type</b>	01 Oil
<b>Test Purpose</b>	Initial Test
<b>Start Test Date</b>	2015/04/05
<b>Start Test Time</b>	05:23:00
<b>Final Test Time</b>	11:40:00
<b>Job Number</b>	P0068
<b>Report Date</b>	2015/04/05
<b>Prepared By</b>	Michael Carroll



**TEST RECOVERY**

<b>Remarks</b>	<b>Recovery:</b>	<b>36'</b>	<b>Gas In Pipe</b>				
		<b>27'</b>	<b>GOCM</b>	<b>2%G</b>	<b>5%O</b>	<b>93%M</b>	
	<b>Total Fluid:</b>	<b>27'</b>					
	<b>Tool Sample:</b>	<b>12%O</b>	<b>88%M</b>				



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: Mauch#1-2Dst4

TIME ON: 0523  
TIME OFF: 1140

Company L.D. Drilling Inc Lease & Well No. Mauch #1-2  
Contractor L.D. Drilling Charge to L.D. Drilling Inc  
Elevation 2562KB Formation Ft.Scott/Cherokee/Johnson Effective Pay \_\_\_\_\_ Ft. Ticket No. P0068  
Date 4-5-15 Sec. 2 Twp. \_\_\_\_\_ 18 S Range \_\_\_\_\_ 27 W County \_\_\_\_\_ Lane \_\_\_\_\_ State KANSAS  
Test Approved By Kim Shoemaker Diamond Representative \_\_\_\_\_ Michael Carroll

Formation Test No. 4 Interval Tested from 4384 ft. to 4462 ft. Total Depth 4462 ft.  
Packer Depth 4379 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4384 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 4369 ft. Recorder Number 5950 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 4453 ft. Recorder Number 0230 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 44 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 4700 P.P.M. Drill Pipe Length 4351 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 11 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 78(14.5a) 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: 1/4" BLOW-BUILT TO 2" IN 30 MINUTES **NOBB**  
2nd Open: 1/2" BLOW-BUILT TO 2 1/2" IN 30 MINUTES **NOBB**

Recovered 36 ft. of GAS IN PIPE  
Recovered 27 ft. of GOCM 2%G 5%O 93%M  
Recovered 27 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: _____	
TOOL SAMPLE: <u>12%O 88%M</u>	Total

Time Set Packer(s) 7:50A.M. A.M. P.M. Time Started Off Bottom 9:50A.M. A.M. P.M. Maximum Temperature 116

Initial Hydrostatic Pressure..... (A) 2128 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 16 P.S.I. to (C) 21 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 249 P.S.I.  
Final Flow Period..... Minutes 30 (E) 29 P.S.I. to (F) 29 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 125 P.S.I.  
Final Hydrostatic Pressure..... (H) 2106 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.