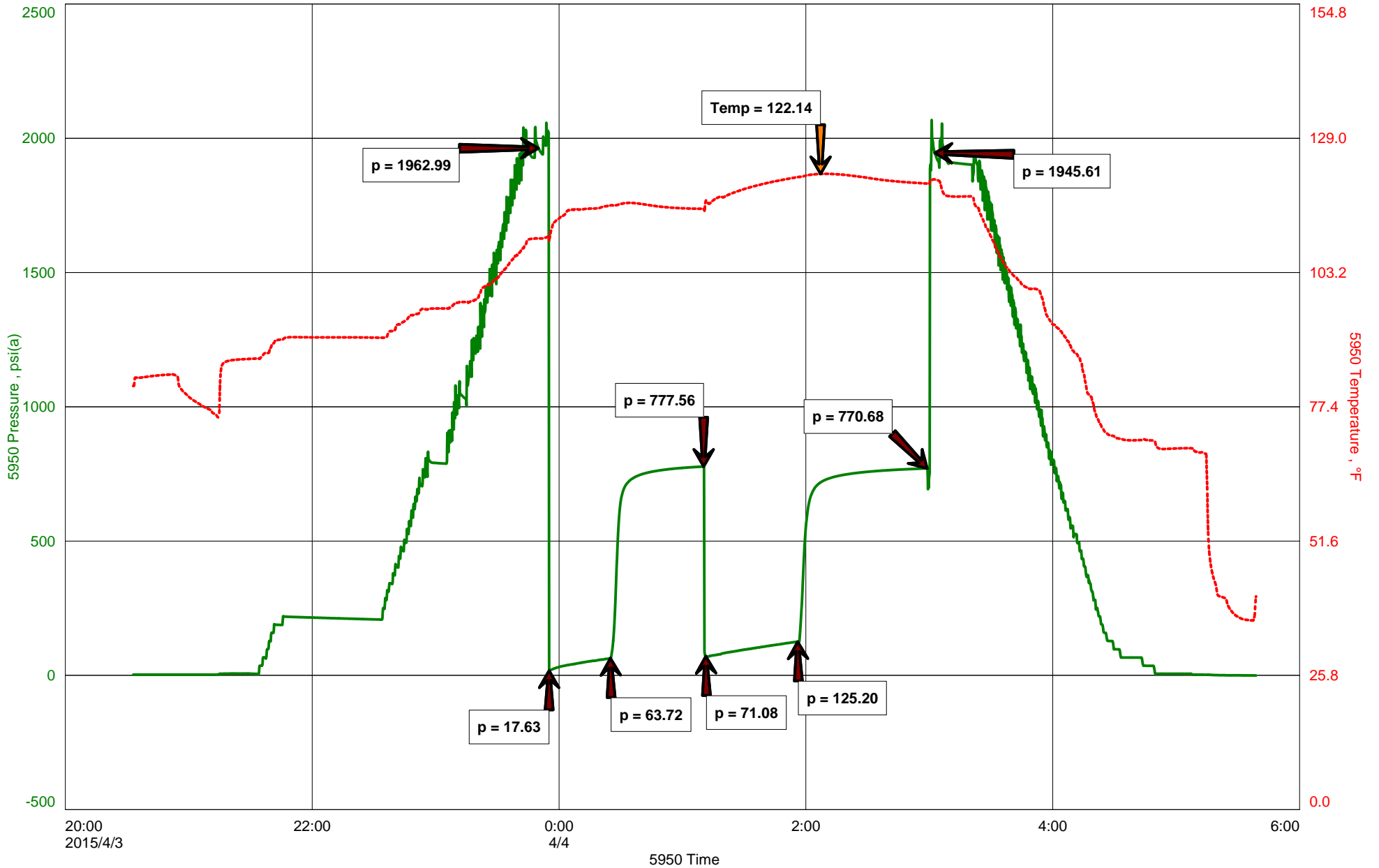


L.D. Drilling Inc
Dst #2 L/KC 'K' 4128-4155'
Start Test Date: 2015/04/02
Final Test Date: 2015/04/03

Mauch #1-2
Formation: Dst #2 L/KC 'K' 4128-4155'
Pool: Infield
Job Number: P0066

Mauch #1-2





Hoisington, Kansas

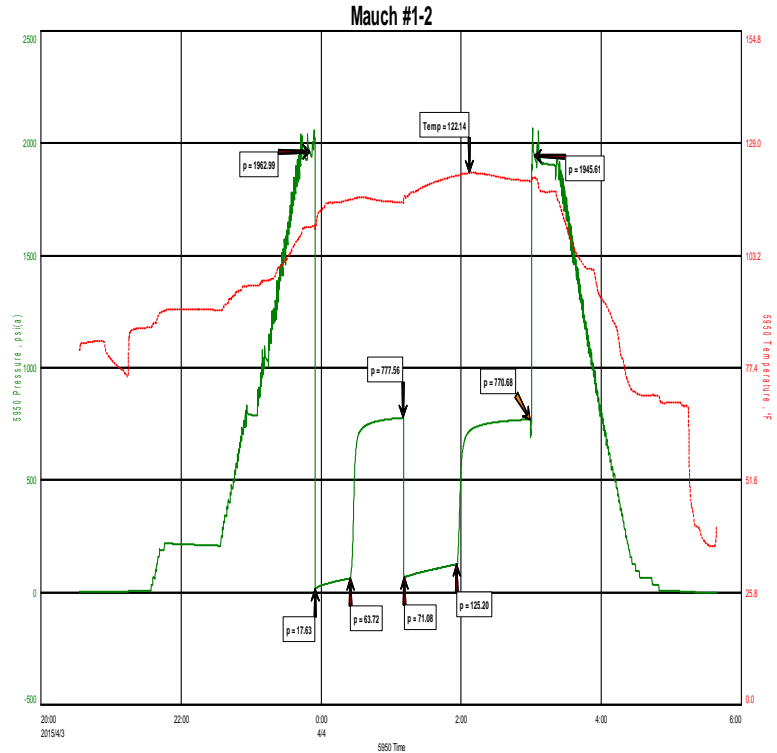
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name L.D. Drilling Inc

Contact L.D. Davis
Well Name Mauch #1-2
Unique Well ID Dst #2 L/KC 'K' 4128-4155'
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 #2 L/KC 'K' 4128-4155'
Well Fluid Type 01 Oil
Test Purpose Initial Test
Start Test Date 2015/04/02
Start Test Time 20:33:00
Final Test Time 05:39:00
Job Number P0066
Report Date 2015/04/02
Prepared By Michael Carroll



TEST RECOVERY

Remarks Recovery: 2676' Gas In Pipe

199' Clean Oil Gravity 37 @ 60 Degrees

46' GWCOM 10%G 30%O 10%W 50%M

40' VSLOCMW 1%O 79%W 20%M

Total Fluid: 285'

Tool Sample: 50%O 20%W 30%M

Chlorides 66000 PPM
RW .22 @ 40 Degrees
PH 7



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Mauch#1-2Dst2

TIME ON: 2033 4-2
TIME OFF: 0539 4-3

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 'K' Effective Pay _____ Ft. Ticket No. P0066
Date 4-2-15 Sec. 2 Twp. 18 S Range 27 W County _____ Lane _____ State KANSAS
Test Approved By Kim Shoemaker Diamond Representative Michael Carroll

Formation Test No. 2 Interval Tested from 4128 ft. to 4155 ft. Total Depth 4155 ft.
Packer Depth 4123 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4128 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4113 ft. Recorder Number 5950 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4132 ft. Recorder Number 0230 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 47 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 2700 P.P.M. Drill Pipe Length 4098 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 27 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 BOB IN 7 MINUTES 1" BB
2nd Open: 1" BLOW-BUILT TO BOB IN 4 MINUTES 25 SECONDS 6" BB

Recovered 2676 ft. of GAS IN PIPE CHLORIDES 66000 PPM
Recovered 199 ft. of CLEAN OIL GRAVITY 37 @ 60 DEGREES RW .22 @ 40 DEGREES
Recovered 46 ft. of GWCOM 10%G 30%O 10%W 50%M PH 7
Recovered 40 ft. of VSLOCMW 1%O 79%W 20%M

Recovered <u>285</u> ft. of <u>TOTAL FLUID</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
<u>TOOL SAMPLE: 50%O 20%W 30%M</u>	Total

Time Set Packer(s) 11:55 P.M. A.M. P.M. Time Started Off Bottom 2:55 A.M. A.M. P.M. Maximum Temperature 122

Initial Hydrostatic Pressure..... (A) 1963 P.S.I.
Initial Flow Period..... Minutes 30 (B) 18 P.S.I. to (C) 64 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 778 P.S.I.
Final Flow Period..... Minutes 45 (E) 71 P.S.I. to (F) 125 P.S.I.
Final Closed In Period..... Minutes 60 (G) 771 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.