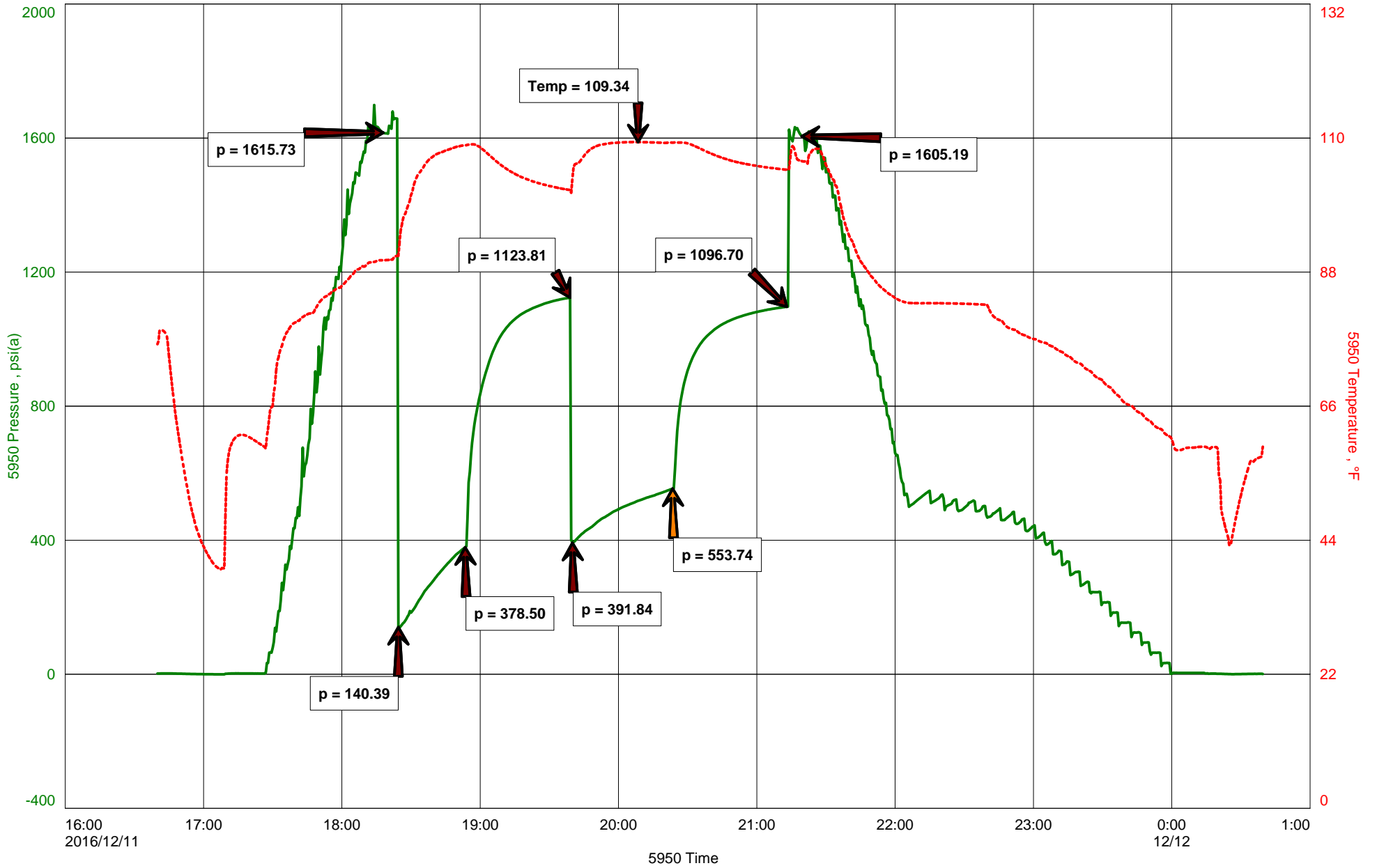


RJM  
Dst #2 Lans/KC H-J 3356-3423'  
Start Test Date: 2016/12/11  
Final Test Date: 2016/12/11

Donovan  
Formation: Dst #2 Lans/KC H-J 3356-3423'  
Pool: Infield  
Job Number: P0152

# Donovan







**Hoisington, Kansas**

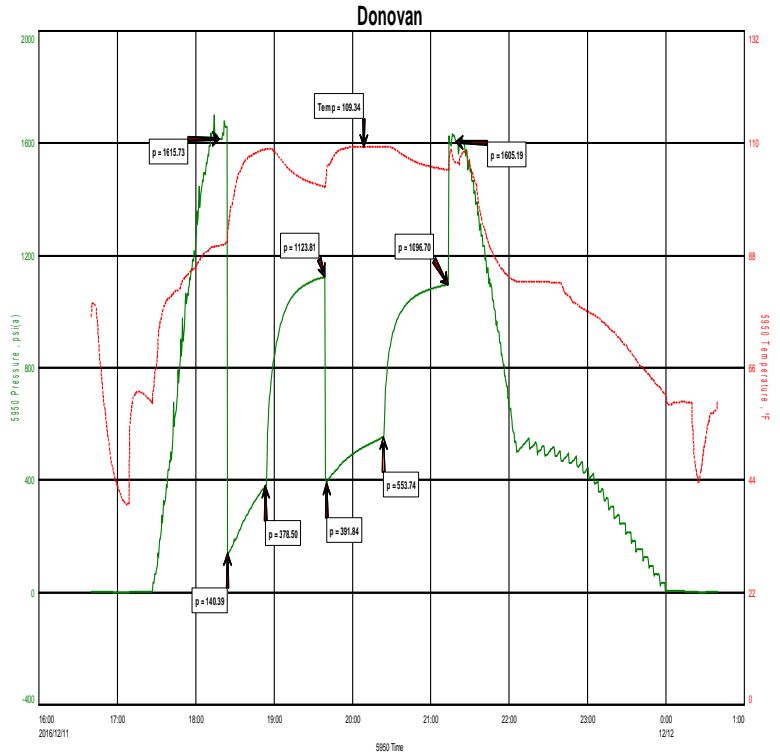
**Michael Carroll**  
**620-617-0368**  
**carroll.dtlc@gmail.com**

**General Information**

**Company Name** RJM

**Contact** Chris Hoffman  
**Well Name** Donovan  
**Unique Well ID** Dst #2 Lans/KC H-J 3356-3423'  
**Surface Location** Sec 6-19s-13w Barton County  
**Field** NA  
**Well Type** Vertical  
**Test Type** Drill Stem Test  
**Well Operator** RJM

**Formation** Dst #2 Lans/KC H-J 3356-3423'  
**Well Fluid Type** 01 Oil  
**Test Purpose** Initial Test  
**Start Test Date** 2016/12/11  
**Start Test Time** 16:40:00  
**Final Test Time** 00:38:00  
**Job Number** P0152  
**Report Date** 2016/12/11  
**Prepared By** Michael Carroll



**TEST RECOVERY**

**Remarks** Recovery: Gas To Surface

45'	MCO	77%O	23%M
1386'	Clean Oil	Gravity 37 @ 60 Degrees	
63'	MCO	80%O	20%M

**Total Fluid:** 1494'

**Tool Sample:** 100%O



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

TIME ON: 1640 12-11  
TIME OFF: 0038 12-12

Company RJM Lease & Well No. DONOVAN #1  
Contractor SOUTHWIND DRILLING RIG 3 Charge to RJM  
Elevation 1883 SUR Formation LANS/KC H-J Effective Pay \_\_\_\_\_ Ft. Ticket No. P0152  
Date 12-11-16 Sec. 6 Twp. \_\_\_\_\_ 19 S Range \_\_\_\_\_ 13 W County BARTON State KANSAS  
Test Approved By WYATT URBAN Diamond Representative Michael Carroll

Formation Test No. 2 Interval Tested from 3356 ft. to 3423 ft. Total Depth 3423 ft.

Packer Depth 3351 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 3356 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3344 ft. Recorder Number \_\_\_\_\_ Cap. 5950 P.S.I.

Bottom Recorder Depth (Outside) 3393 ft. Recorder Number \_\_\_\_\_ 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 9.0 Water Loss 8.0 cc. Weight Pipe Length \_\_\_\_\_ 0 ft. I.D. 2 7/8 in.

Chlorides 4000 P.P.M. Drill Pipe Length 3331 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number NA Test Tool Length 25 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 67(35A) 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: 4"BLOW-BUILT TO BOB IN 50 SECONDS BBBB

2nd Open: 1"BLOW-BUILT TO BOB IN 2 MINUTES 5 SECONDS BBBB

Recovered \_\_\_\_\_ ft. of GAS TO SURFACE @ 5 MINUTES INTO FINAL FLOW PERIOD

Recovered 45 ft. of MCO 77%O 23%M

Recovered 1386 ft. of CLEAN OIL GRAVITY 37 @ 60 DEGREES

Recovered 63 ft. of MCO 80%O 20%M

Recovered 1494 ft. of TOTAL FLUID

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: TOOL SAMPLE:100%O

\_\_\_\_\_

\_\_\_\_\_

Time Set Packer(s) 6:20 P.M. A.M. P.M. Time Started Off Bottom 9:05 P.M. A.M. P.M. Maximum Temperature 109

Initial Hydrostatic Pressure..... (A) 1616 P.S.I.

Initial Flow Period..... Minutes 30 (B) 140 P.S.I. to (C) 379 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1124 P.S.I.

Final Flow Period..... Minutes 45 (E) 392 P.S.I. to (F) 554 P.S.I.

Final Closed In Period..... Minutes 45 (G) 1097 P.S.I.

Final Hydrostatic Pressure..... (H) 1605 P.S.I.

Price Job  
Other Charges  
Insurance  
Total

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.