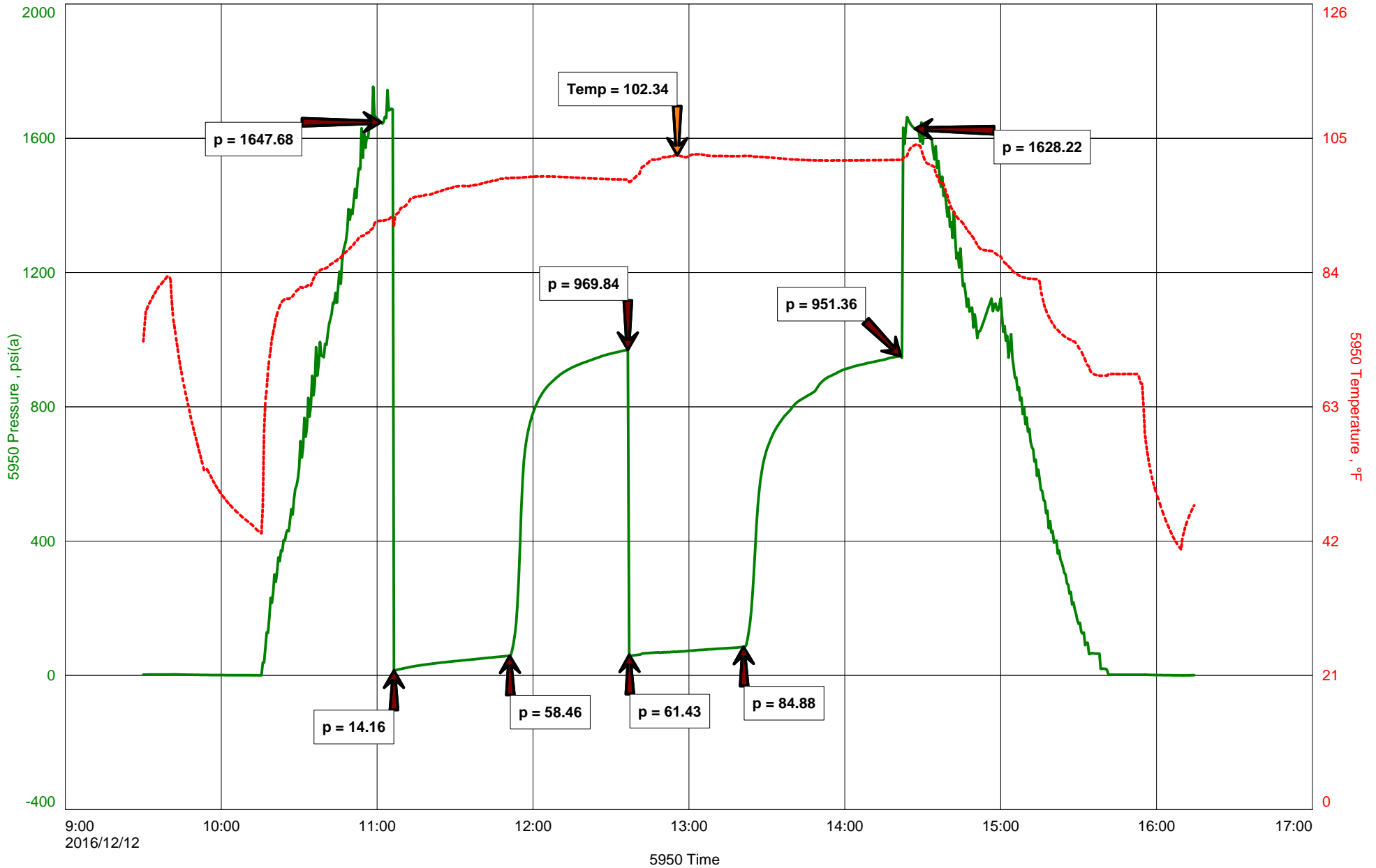


RJM  
Dst #3 Arbuckle 3440-3480'  
Start Test Date: 2016/12/12  
Final Test Date: 2016/12/12

Donovan #1  
Formation: Dst #3 Arbuckle 3440-3480'  
Pool: Infield  
Job Number: P0153

# Donovan #1





**Hoisington, Kansas**

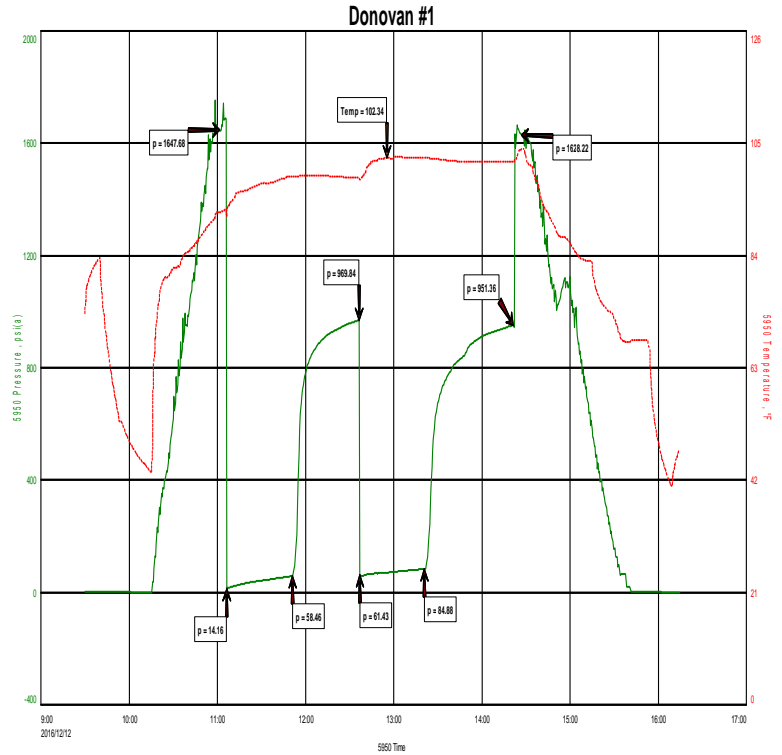
**Michael Carroll**  
**620-617-0368**  
**carroll.dtlc@gmail.com**

**General Information**

**Company Name** RJM

<b>Contact</b>	<b>Chris Hoffman</b>
<b>Well Name</b>	<b>Donovan #1</b>
<b>Unique Well ID</b>	<b>Dst #3 Arbuckle 3440-3480'</b>
<b>Surface Location</b>	<b>Sec 6-19s-13w Barton County</b>
<b>Field</b>	<b>NA</b>
<b>Well Type</b>	<b>Vertical</b>
<b>Test Type</b>	<b>Drill Stem Test</b>
<b>Well Operator</b>	<b>RJM</b>

<b>Formation</b>	<b>Dst #3 Arbuckle 3440-3480'</b>
<b>Well Fluid Type</b>	<b>01 Oil</b>
<b>Test Purpose</b>	<b>Initial Test</b>
<b>Start Test Date</b>	<b>2016/12/12</b>
<b>Start Test Time</b>	<b>09:30:00</b>
<b>Final Test Time</b>	<b>16:14:00</b>
<b>Job Number</b>	<b>P0153</b>
<b>Report Date</b>	<b>2016/12/12</b>
<b>Prepared By</b>	<b>Michael Carroll</b>



**TEST RECOVERY**

<b>Remarks</b>	<b>Recovery:</b>	<b>192'</b>	<b>Gas In Pipe</b>
		<b>30'</b>	<b>Clean Oil      Gravity 38 @ 60 Degrees</b>
		<b>156'</b>	<b>GMCO   10%G   55%O   35%M</b>
	<b>Total Fluid:</b>	<b>186'</b>	
	<b>Tool Sample:</b>	<b>60%O   40%M</b>	



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: DONOVAN#1DST#3

TIME ON: 0930  
TIME OFF: 1614

Company RJM Lease & Well No. DONOVAN #1  
Contractor SOUTHWIND DRILLING RIG 3 Charge to RJM  
Elevation 1883 SUR Formation ARBUCKLE Effective Pay \_\_\_\_\_ Ft. Ticket No. P0153  
Date 12-12-16 Sec. 6 Twp. \_\_\_\_\_ 19 S Range \_\_\_\_\_ 13 W County BARTON State KANSAS  
Test Approved By WYATT URBAN Diamond Representative Michael Carroll

Formation Test No. 3 Interval Tested from 3440 ft. to 3480 ft. Total Depth 3480 ft.  
Packer Depth 3435 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3440 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3428 ft. Recorder Number 5950 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 3444 ft. Recorder Number 0230 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 55 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 4000 P.P.M. Drill Pipe Length 3415 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 40 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-BUILT TO BOB IN 21 MINUTES 30 SECONDS WSBB  
2nd Open: 1/2" BLOW-BUILT TO BOB IN 23 MINUTES 45 SECONDS WSBB

Recovered 192 ft. of GAS IN PIPE  
Recovered 30 ft. of CLEAN OIL GRAVITY 38 @ 60 DEGREES  
Recovered 156 ft. of GMCO 10%G 55%O 35%M  
Recovered 186 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOOL SAMPLE:60%O 40%M</u>	Insurance
	Total

Time Set Packer(s) 11:03 A.M. A.M. P.M. Time Started Off Bottom 2:18 P.M. A.M. P.M. Maximum Temperature 102

Initial Hydrostatic Pressure..... (A) 1648 P.S.I.  
Initial Flow Period..... Minutes 45 (B) 14 P.S.I. to (C) 58 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 970 P.S.I.  
Final Flow Period..... Minutes 45 (E) 61 P.S.I. to (F) 85 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 951 P.S.I.  
Final Hydrostatic Pressure..... (H) 1628 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.