

# DIAMOND TESTING GENERAL REPORT

**Jake Fahrenbruch, Tester**

Cell: (620) 282-8977 / Office: (800) 542-7313



## TEST INFORMATION

<b>Well Name</b>	Ruth Russell #2
<b>Company Name</b>	Pauley Oil
<b>Formation</b>	Viola 3624'-3680'
<b>Test Type</b>	Bottom-Hole DST
<b>Surface Location</b>	Sec 13-23s-12w-Stafford Co.-KS
<b>KB Elevation (SL)</b>	1854.000
<b>Gauge Name</b>	Inside 5951
<b>Start Test Date</b>	2014/12/05
<b>Start Test Time</b>	07:25:00
<b>Final Test Date</b>	2014/12/05
<b>Final Test Time</b>	14:32:00
<b>Job Number</b>	F352
<b>Contact</b>	
<b>Site Contact</b>	Steve Peterman

## TEST RESULTS

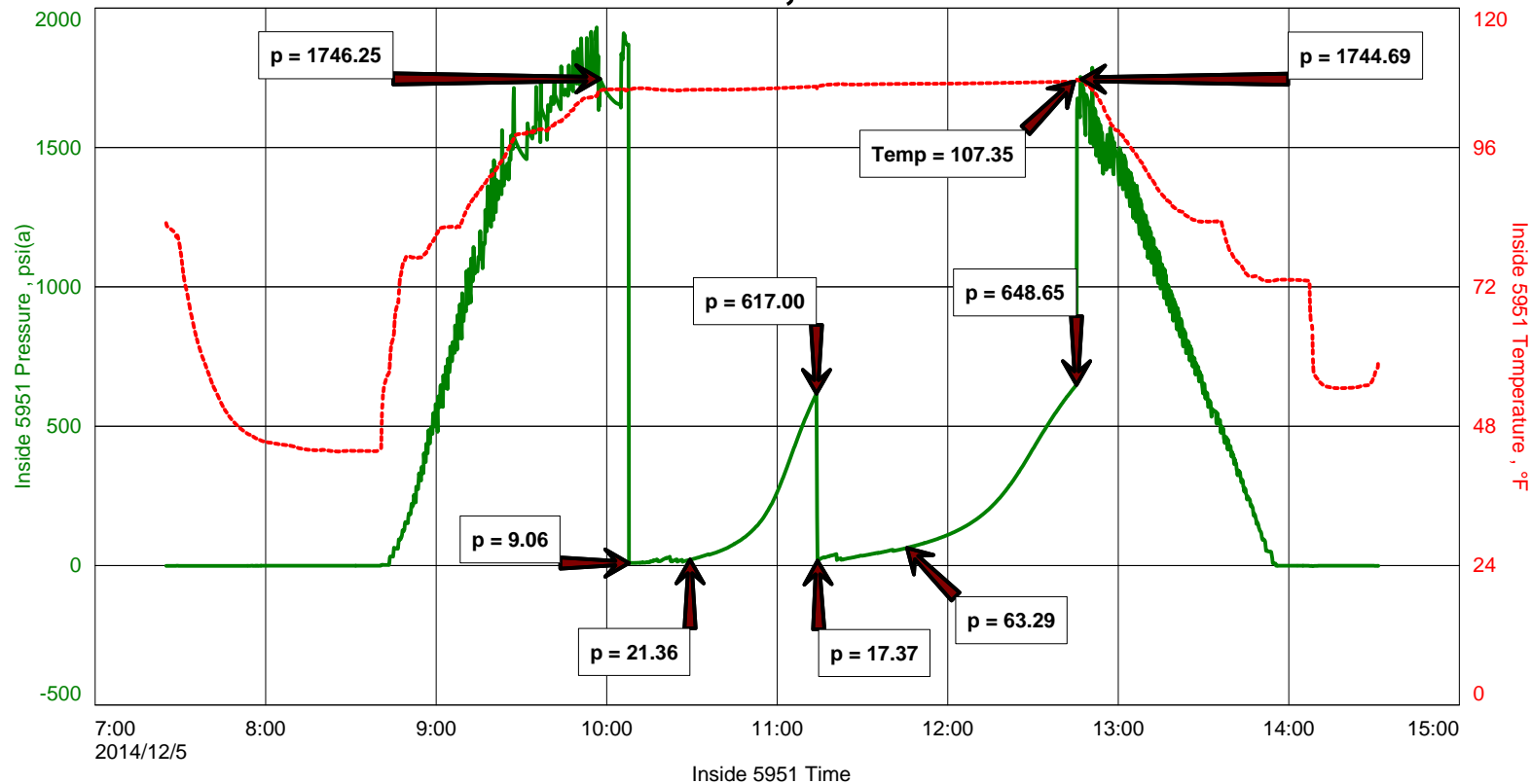
Initial flow, weak blow, increased to .75"  
 Final flow, weak surface blow, blow died

RECOVERED 20' OF DRILLING MUD

Pauley Oil  
 Start Test Date: 2014/12/05  
 Final Test Date: 2014/12/05

Ruth Russell #2  
 Formation: Viola 3624'-3680'  
 Job Number: F352

## DST #2, Viola





**DIAMOND TESTING**  
 P.O. Box 157  
 HOISINGTON, KANSAS 67544  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: RUTH RUSZ DST1

ON LOCATION:	<u>22:45</u>	<u>12-4</u>
START RECORDERS:	<u>07:25</u>	<u>12-5</u>
STOP RECORDERS:	<u>14:32</u>	<u>12-5</u>

Company PAULEY OIL Lease & Well No. RUTH RUSSELL #2  
 Contractor MINNESCAN DRUG. LLC Charge to PAULEY OIL  
 Elevation 1854' KB Formation VIOLA Effective Pay \_\_\_\_\_ Ft. Ticket No. F352  
 Date 12/5/14 Sec. 13 Twp. 23s Range 12W County STAFFORD State KANSAS  
 Test Approved By STEVE PETERMAN Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 1 Interval Tested from 3624 ft. to 3680 ft. Total Depth 3680 ft.  
 Packer Depth 3619 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 3624 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3610 ft. Recorder Number 5951 Cap. 5000 P.S.I.  
 Bottom Recorder Depth (Outside) 3630 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
 Mud Type CHEMICAL Viscosity 51 Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
 Weight 8.9 Water Loss 8.2 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
 Chlorides 4000 P.P.M. Drill Pipe Length 3599 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length 56 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: WEAK BLOW, INCREASED TO 3/4"  
 2nd Open: WEAK BLOW @ SURFACE. BLOW DIED.

Recovered 20 ft. of DRELLING MUD 100% MUD

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

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

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

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

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

Remarks: \_\_\_\_\_

Price Job
Other Charges
<u>92 MRT (PRAT)</u>
<u>15 3/4 HR ON LOG</u>
Total

Time Set Packer(s) 10:10 <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 12:45 <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 107°F

Initial Hydrostatic Pressure \_\_\_\_\_ (A) 1746 P.S.I.

Initial Flow Period \_\_\_\_\_ Minutes 20 (B) 9 P.S.I. to (C) 21 P.S.I.

Initial Closed In Period \_\_\_\_\_ Minutes 45 (D) 617 P.S.I.

Final Flow Period \_\_\_\_\_ Minutes 30 (E) 17 P.S.I. to (F) 63 P.S.I.

Final Closed In Period \_\_\_\_\_ Minutes 60 (G) 649 P.S.I. Thanks!

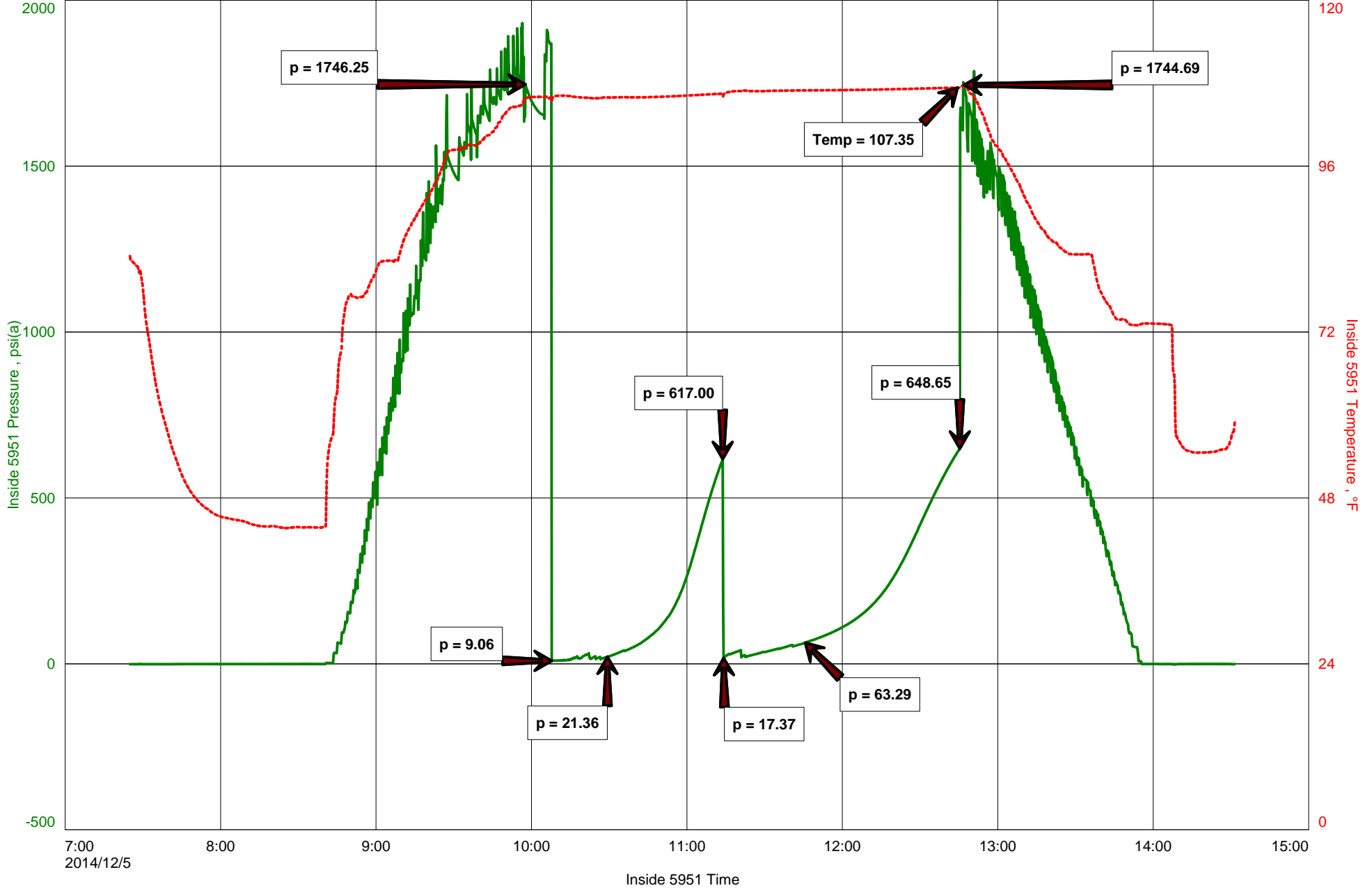
Final Hydrostatic Pressure \_\_\_\_\_ (H) 1745 P.S.I. Jake Fahrenbruch

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, 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.

Pauley Oil  
Start Test Date: 2014/12/05  
Final Test Date: 2014/12/05

Ruth Russell #2  
Formation: Viola 3624'-3680'  
Job Number: F352

# DST #2, Viola





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: RUTHRUS2DST1

TIME ON: 07:25  
TIME OFF: 14:32

Company Pauley Oil Lease & Well No. Ruth Russell #2  
Contractor Ninnescah Drlg. LLC Charge to Pauley Oil  
Elevation 1854' KB Formation Viola Effective Pay \_\_\_\_\_ Ft. Ticket No. F352  
Date 12-5-14 Sec. 13 Twp. 23s S Range 12w W County Stafford State KANSAS  
Test Approved By Steve Peterman Diamond Representative Jake Fahrenbruch

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

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Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chemical Viscosity 51 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 8.9 Water Loss 8.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 4,000 P.P.M. Drill Pipe Length 3,599 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 56 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 23' PERF IN ANCHOR Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Weak blow, inc to .75"  
2nd Open: Weak surface blow, blow died.

Recovered 20 ft. of Drilling Mud 100% mud  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
_____	Total

Time Set Packer(s) 10:10 AM A.M. P.M. Time Started Off Bottom 12:45 PM A.M. P.M. Maximum Temperature 107 F

Initial Hydrostatic Pressure..... (A) 1746 P.S.I.  
Initial Flow Period..... Minutes 20 (B) 9 P.S.I. to (C) 21 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 617 P.S.I.  
Final Flow Period..... Minutes 30 (E) 17 P.S.I. to (F) 63 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 649 P.S.I.  
Final Hydrostatic Pressure..... (H) 1745 P.S.I.

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