

# DIAMOND TESTING GENERAL REPORT

**Jake Fahrenbruch, Tester**

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



## TEST INFORMATION

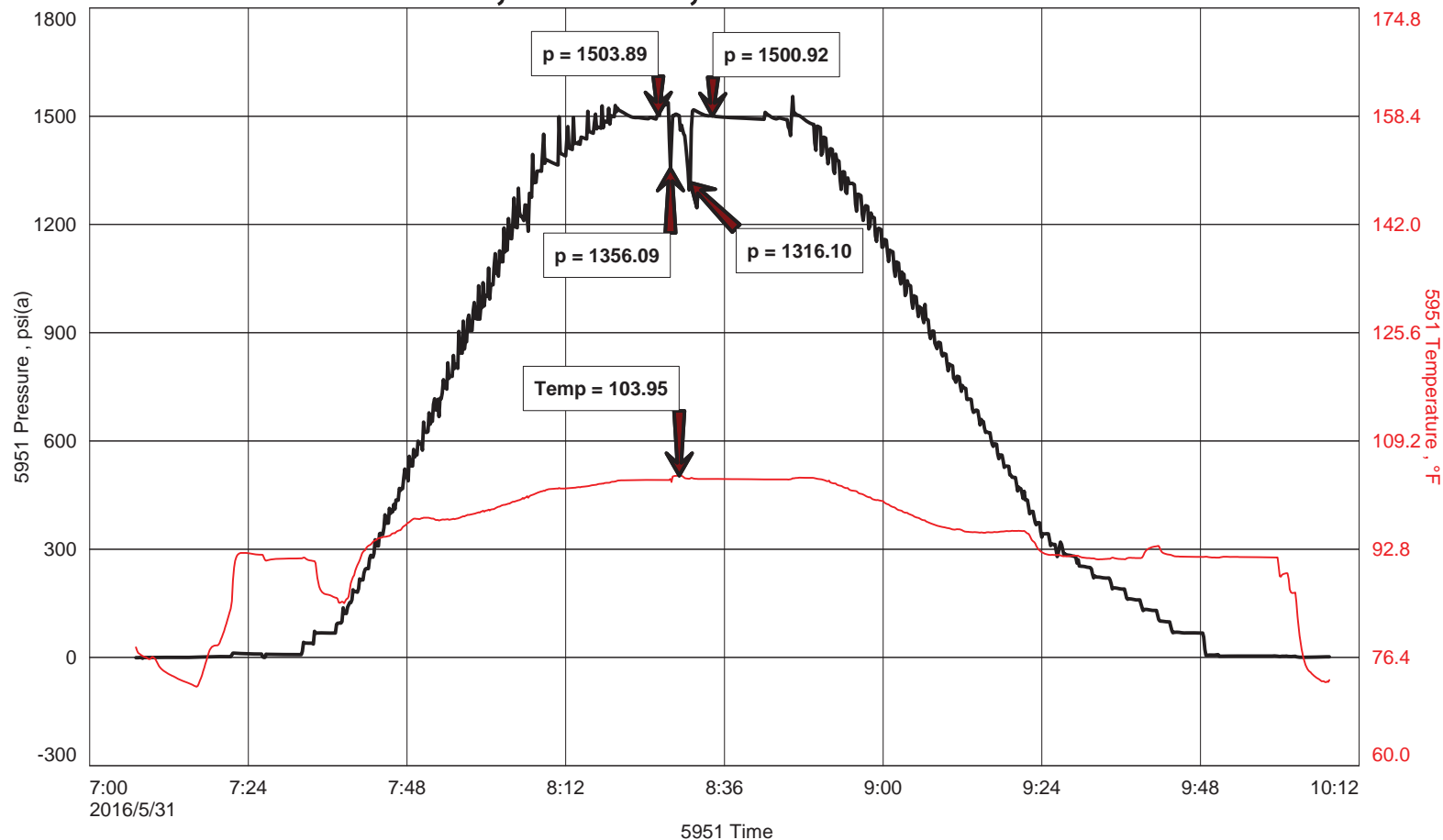
<b>Well Name</b>	Stoppel #1-8
<b>Company Name</b>	Quail Oil & Gas, LC
<b>Formation</b>	Lansing "D" 3107'-3132'
<b>Test Type</b>	Bottom-Hole w/Jars & S. Joint
<b>Surface Location</b>	Sec 8-22s-9w-Reno-KS
<b>KB Elevation (SL)</b>	1730.000
<b>Gauge Name</b>	5951
<b>Start Test Date</b>	2016/05/31
<b>Start Test Time</b>	07:07:00
<b>Final Test Date</b>	2016/05/31
<b>Final Test Time</b>	10:09:00
<b>Job Number</b>	F432
<b>Contact</b>	Wray Valentine
<b>Site Contact</b>	Roger Martin

## TEST RESULTS

**MIS-RUN**

Packer failure upon opening tool.  
Packer rubbers were unharmed.

## STOPPEL #1-8, DST #1, LANSING "D" 3107'-3132'





**DIAMOND TESTING**  
 P.O. Box 157  
 HOISINGTON, KANSAS 67544  
 (800) 542-7313

**DRILL-STEM TEST TICKET**  
 FILE: STOPPEL1DST1

ON LOCATION: 05:30  
 START RECORDERS: 07:07  
 STOP RECORDERS: 10:09

Company QUAIL OIL & GAS, LC Lease & Well No. STOPPEL #1-8  
 Contractor WW DRLG RTG #4 Charge to QUAIL OIL & GAS, LC  
 Elevation 1730' KB Formation L/KC Effective Pay \_\_\_\_\_ Ft. Ticket No. F432  
 Date 5-31-16 Sec. 8 Twp. 22S Range 9W County RENO State KS  
 Test Approved By ROGER MARTIN Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 1 Interval Tested from 3107 ft. to 3132 ft. Total Depth 3132 ft.  
 Packer Depth 3102 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 3107 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3108 ft. Recorder Number 5951 Cap. 5000 P.S.I.  
 Bottom Recorder Depth (Outside) 3109 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
 Mud Type CHEMICAL Viscosity 49 (1/2# LCM) Drill Collar Length 122 ft. I.D. 2 1/4 in.  
 Weight 9.15 Water Loss 9.2 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
 Chlorides 6300 P.P.M. Drill Pipe Length 2957 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number #5 J&S JNT Test Tool Length 28 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length 25 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.

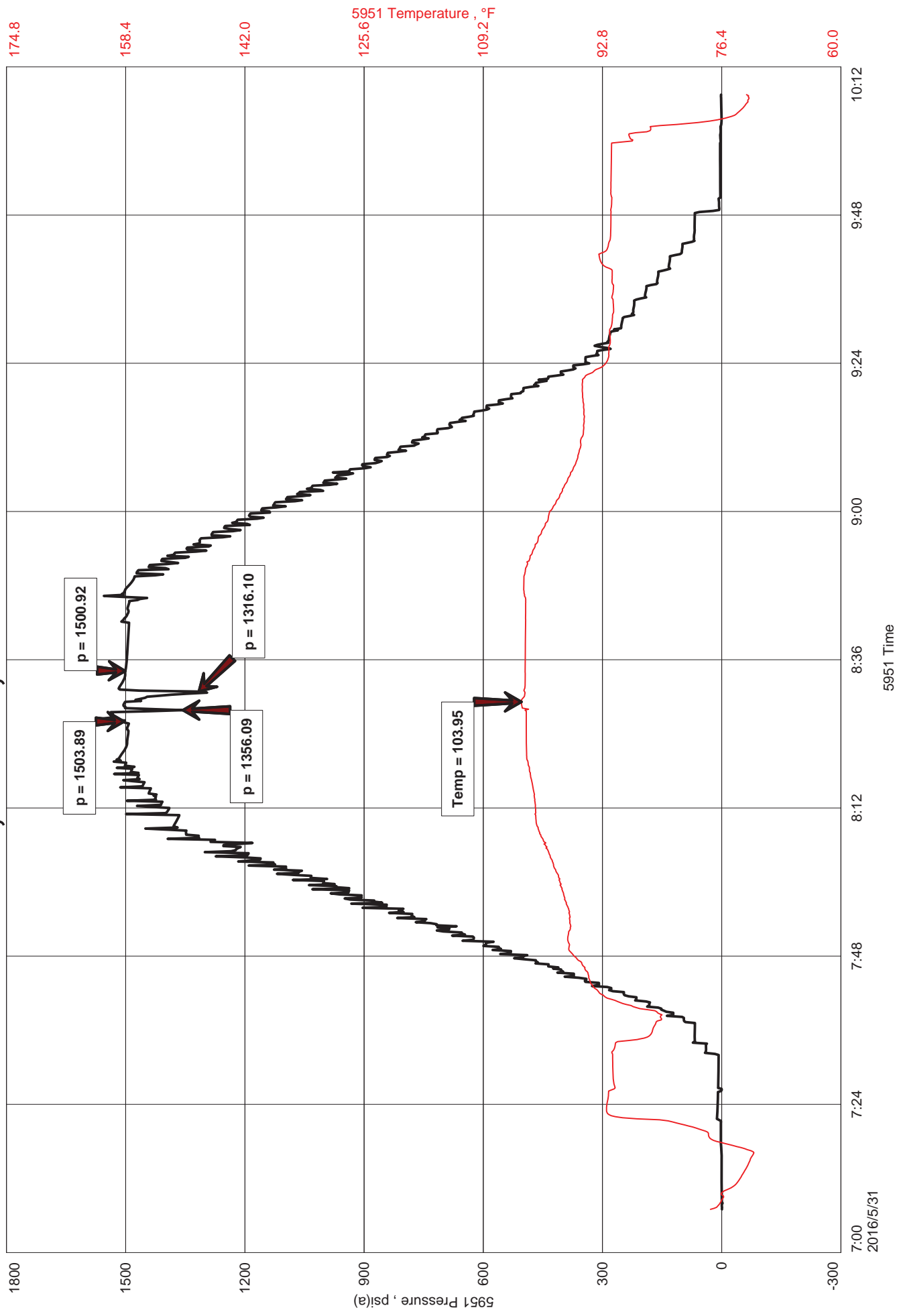
Blow: 1st Open: OPEN TOOL, PACKER FAILURE. PULL TOOL. MIS-RUN.  
 2nd Open: \_\_\_\_\_

Recovered 590' ft. of DRLG MUD  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Price Job MIS-RUN  
 Other Charges \_\_\_\_\_  
 Remarks: PACKERS WERE UNHARMED JARS #5 JNT  
111 MRT (PRATT)  
 Total \_\_\_\_\_

Time Set Packer(s) 08:30 A.M. P.M. Time Started Off Bottom 08:35 A.M. P.M. Maximum Temperature 104°F  
 Initial Hydrostatic Pressure..... (A) 1504 P.S.I.  
 Initial Flow Period..... Minutes (B) 1356 P.S.I. to (C) 1316 P.S.I.  
 Initial Closed In Period..... Minutes (D) \_\_\_\_\_ P.S.I.  
 Final Flow Period..... Minutes (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
 Final Closed In Period..... Minutes (G) \_\_\_\_\_ P.S.I.  
 Final Hydrostatic Pressure..... (H) 1501 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.

# STOPPEL #1-8, DST #1, LANSING "D" 3107'-3132'







**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: **STOPPEL1DST1**

TIME ON: 07:07  
TIME OFF: 10:09

Company Quail Oil & Gas, LC Lease & Well No. Stoppel #1-8  
Contractor WW Drlg. Rig # 4 Charge to Quail Oil & Gas, LC  
Elevation 1730' KB Formation Lansing "D" Effective Pay \_\_\_\_\_ Ft. Ticket No. F432  
Date 5-31-16 Sec. 8 Twp. \_\_\_\_\_ 22s S Range \_\_\_\_\_ 9w W County Reno State KANSAS  
Test Approved By Roger Martin Diamond Representative Jake Fahrenbruch

Formation Test No. 1 Interval Tested from 3107 ft. to 3132 ft. Total Depth 3132 ft.  
Packer Depth 3102 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3107 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3108 ft. Recorder Number 5591 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 3109 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 49 (.5# LCM) Drill Collar Length 122 ft. I.D. 2 1/4 in.  
Weight 9.15 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 6,300 P.P.M. Drill Pipe Length 2,957 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number #5 J&SJ Test Tool Length 28 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 25 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: Open tool, packer failure, pull tool, mis-run.  
2nd Open: \_\_\_\_\_

Recovered <u>590</u> ft. of <u>Drlg Mud</u>	
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) 08:30 A.M. P.M. Time Started Off Bottom 08:35 A.M. P.M. Maximum Temperature 104 F  
Initial Hydrostatic Pressure..... (A) 1504 P.S.I.  
Initial Flow Period..... Minutes (B) 1356 P.S.I. to (C) 1316 P.S.I.  
Initial Closed In Period..... Minutes (D) \_\_\_\_\_ P.S.I.  
Final Flow Period..... Minutes (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
Final Closed In Period..... Minutes (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure..... (H) 1501 P.S.I.

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