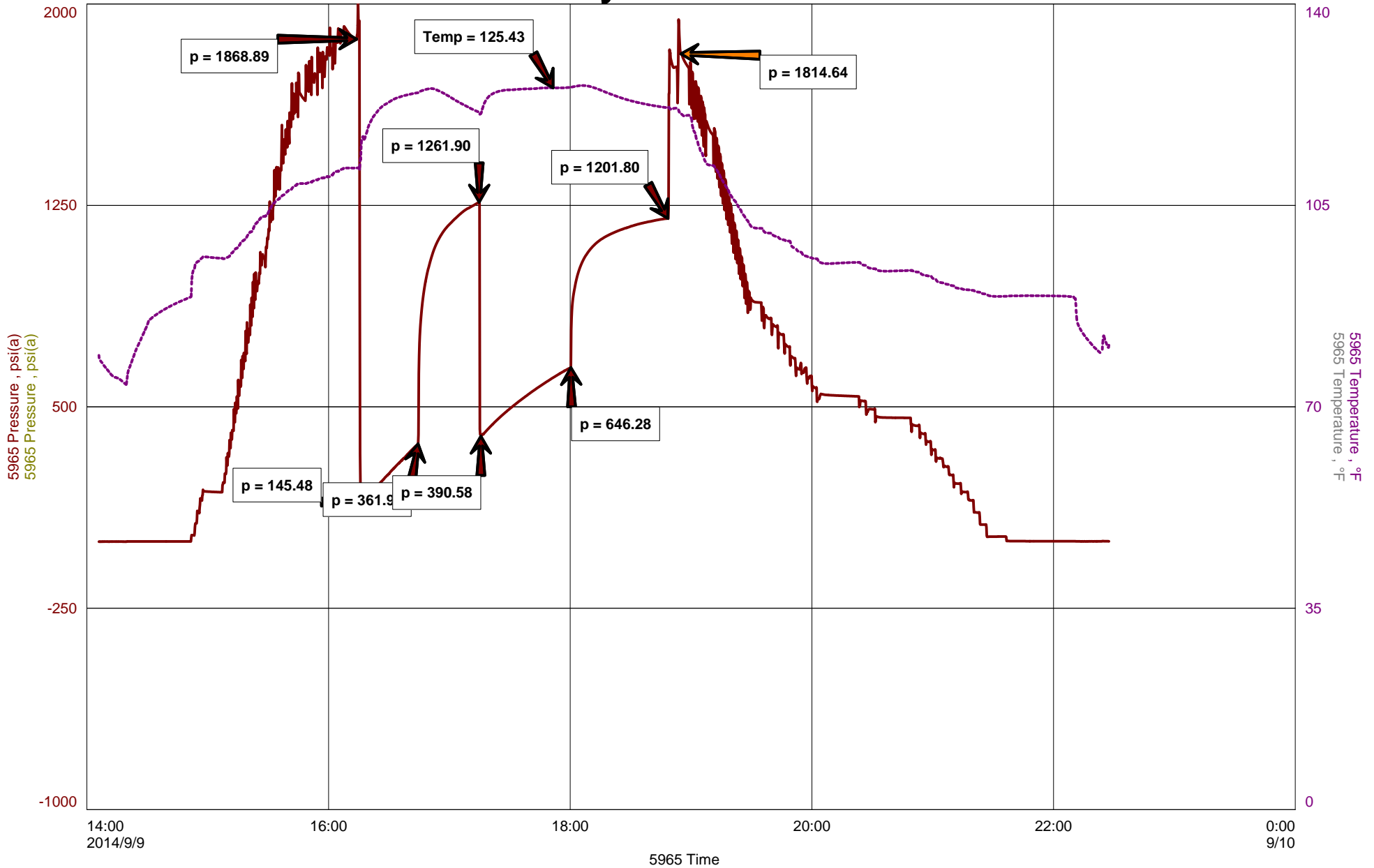


Blue Ridge Pet.  
DST 1 Lan A&B 3790-3835  
Start Test Date: 2014/09/09  
Final Test Date: 2014/09/09

May 1-15  
Formation: Lan A&B  
Job Number: W111

# May 1-15 DST 1





# Diamond Testing General Report

**Wilbur Steinbeck**  
**TESTER**  
**CELL: 620-282-1573**

## General Information

<b>Company Name</b>	Blue Ridge Pet.	<b>Clint Musgrove</b>	<b>Job Number</b>	W111
<b>Contact</b>		May 1-15	<b>Representative</b>	Wilbur Steinbeck
<b>Well Name</b>		DST 1 Lan A&B 3790-3835	<b>Well Operator</b>	Southwind #8
<b>Unique Well ID</b>		15-2s-30w Decatur/Kan	<b>Report Date</b>	2014/09/09
<b>Surface Location</b>		Wildcat	<b>Prepared By</b>	Wilbur Steinbeck
<b>Field</b>			<b>Qualified By</b>	Clint Musgrove

## Test Information

<b>Test Type</b>	Conventional
<b>Formation</b>	Lan A&B
<b>Well Fluid Type</b>	01 Oil
<b>Test Purpose (AEUB)</b>	Initial Test

<b>Start Test Date</b>	2014/09/09	<b>Start Test Time</b>	14:06:00
<b>Final Test Date</b>	2014/09/09	<b>Final Test Time</b>	22:34:00

## Test Recovery

**Recovery** 1134' WGCO 2.5%W 20%G 77.5%O  
 126' GMCO 15%G 20%M 65%O  
 378' WGCO 5%W 25%G 70%O  
 126' GOCM 10%G 10%O 80%M  
 1764' Total Fluid  
 1450' G.I.P

**Tool Sample MGCO 10%M 15%G 75%O**

**Corrected Gravity 29.4**



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: May 1-15 DST 1

TIME ON: 14:06  
TIME OFF: 22:34

Company Blue Ridge Pet. Lease & Well No. May 1-15  
Contractor Southwind Drilling #8 Charge to Blue Ridge  
Elevation 2793 KB Formation \_\_\_\_\_ Lan A&B Effective Pay \_\_\_\_\_ Ft. Ticket No. W111  
Date 9-9-14 Sec. 15 Twp. \_\_\_\_\_ 2n S Range \_\_\_\_\_ 30 W County \_\_\_\_\_ Decatur State KANSAS  
Test Approved By \_\_\_\_\_ Diamond Representative Wilbur Steinbeck

Formation Test No. 1 Interval Tested from 3790 ft. to 3835 ft. Total Depth 3835 ft.  
Packer Depth 3785 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3790 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3776 ft. Recorder Number 5965 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 3791 ft. Recorder Number 5446 Cap. 5,000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 58 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 1,500 P.P.M. Drill Pipe Length 3765 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 07 Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? Yes Reversed Out \_\_\_\_\_ Anchor Length 45 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: BOB in 26 sec BOB in 29 min  
2nd Open: BOB in 1 1/2 min BOB in 13 min

Recovered 1134 ft. of WGCO 2.5%W 20%G 77.5%O  
Recovered 126 ft. of GMCO 15%G 20%M 65%O  
Recovered 378 ft. of WGCO 5%W 25%G 70%O  
Recovered 126 ft. of GOCM 10%G 10%O 80%M

Recovered <u>1764</u> ft. of <u>Total Fluid</u>	Price Job
Recovered <u>1450</u> ft. of <u>GIP</u>	90 Miles RT Other Charges
Remarks: <u>Tool Sample MGCO 10%M 15%G 75%O</u>	Insurance
Corrected Gravity= <u>29.4</u>	Total

Time Set Packer(s) 16:20 A.M. P.M. Time Started Off Bottom 18:50 A.M. P.M. Maximum Temperature 125  
Initial Hydrostatic Pressure..... (A) 1869 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 145 P.S.I. to (C) 362 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 1262 P.S.I.  
Final Flow Period..... Minutes 45 (E) 391 P.S.I. to (F) 646 P.S.I.  
Final Closed In Period..... Minutes 45 (G) 1202 P.S.I.  
Final Hydrostatic Pressure..... (H) 1815 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.