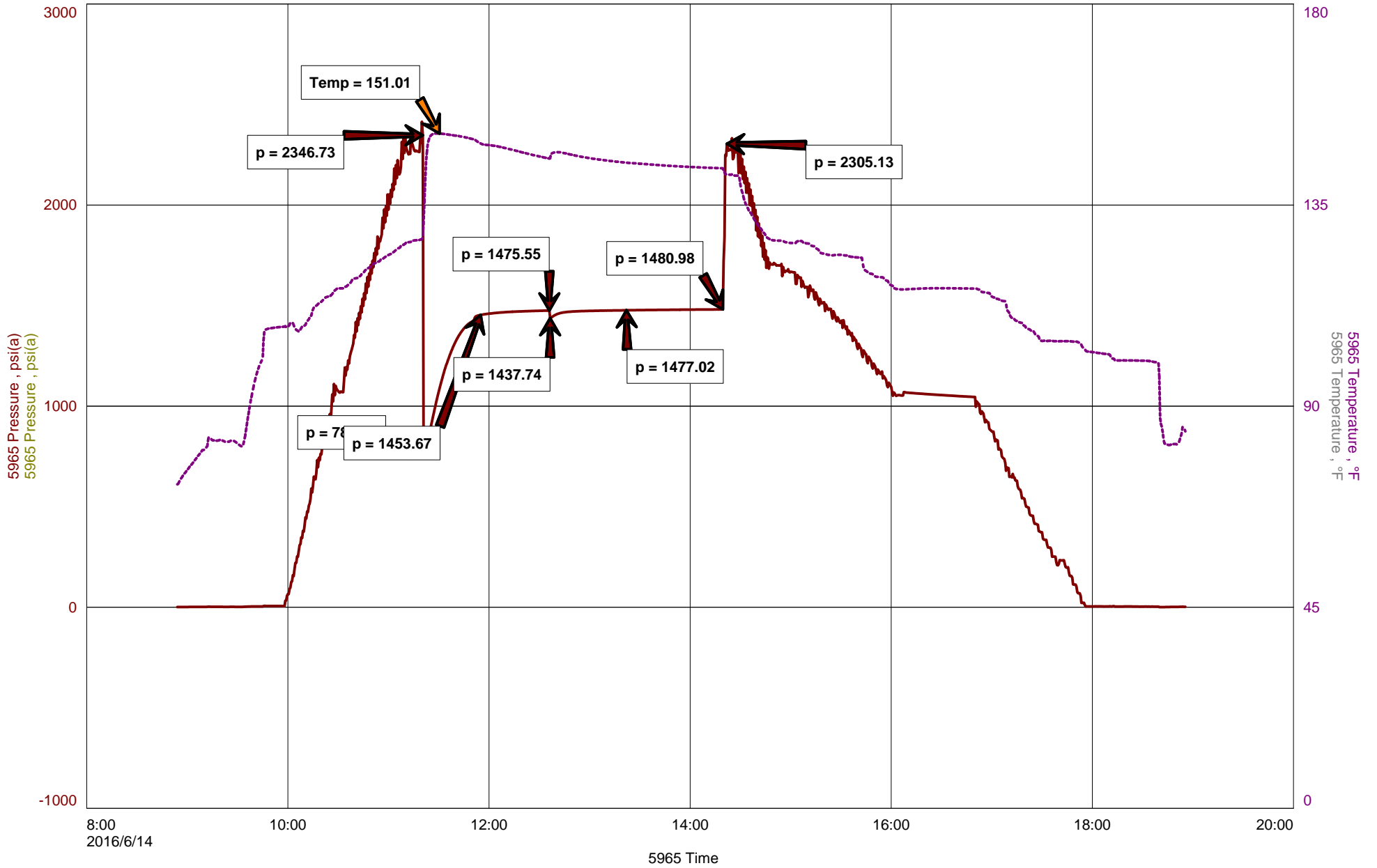


# Wailes Farms 1-16 DST 2





# Diamond Testing General Report

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

## General Information

<b>Company Name</b>	LD Drilling	<b>Kim Shoemaker</b>	<b>Job Number</b>	W228
<b>Contact</b>		<b>Wailes Farms 1-16 DST 1</b>	<b>Representative</b>	Wilbur Steinbeck
<b>Well Name</b>		<b>DST 2 Pawnee 4655-4709</b>	<b>Well Operator</b>	LD 1
<b>Unique Well ID</b>		<b>16-5s-37w Cheyenne/Kansas</b>	<b>Report Date</b>	2016/06/14
<b>Surface Location</b>		<b>Wildcat</b>	<b>Prepared By</b>	Wilbur Steinbeck
<b>Field</b>			<b>Qualified By</b>	Kim Shoemaker

## Test Information

<b>Test Type</b>	Conventional		
<b>Formation</b>	Pawnee		
<b>Well Fluid Type</b>	01 Oil		
<b>Test Purpose (AEUB)</b>	Initial Test		
<b>Start Test Date</b>	2016/06/14	<b>Start Test Time</b>	08:50:00
<b>Final Test Date</b>	2016/06/14	<b>Final Test Time</b>	18:54:00

## Test Recovery

Recovery  
 1323' MWGCO 10%M 15%W 25%G 50%O  
 2394' GMCW 5%G 5%M 90%W  
 3717' Total Fluid  
 250' GIP

Tool Sample=MCW 5%M 95%W

RW=39



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

TIME ON: 8:50  
 TIME OFF: 18:54

**DRILL-STEM TEST TICKET**  
 FILE: Wailes Farms 1-16 DST 2

Company LD Drilling Lease & Well No. Wailes Farms 1-16  
 Contractor LD Charge to LD  
 Elevation 3420 KB Formation Pawnee Effective Pay \_\_\_\_\_ Ft. Ticket No. W228  
 Date 6-14-16 Sec. 16 Twp. 5 S Range 37 W County \_\_\_\_\_ State KANSAS  
 Test Approved By Kim Shoemaker Diamond Representative Wilbur Steinbeck

Formation Test No. 2 Interval Tested from 4655 ft. to 4709 ft. Total Depth 4709 ft.  
 Packer Depth 4650 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 4655 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4641 ft. Recorder Number 5965 Cap. 5000 P.S.I.  
 Bottom Recorder Depth (Outside) 4656 ft. Recorder Number 5587 Cap. 5,000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 58 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
 Weight 9.3 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
 Chlorides 2500 P.P.M. Drill Pipe Length 4622 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number 7 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? Yes Reversed Out No Anchor Length 54 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 10 sec No Return  
 2nd Open: BOB in 34 sec BOB in 25 min

Recovered 1323 ft. of MWGCO 10%M 15%W 25%G 50%O  
 Recovered 2394 ft. of GMCW 5%G 5%M 90%W  
 Recovered 3717 ft. of Total Fluid  
 Recovered 250 ft. of GIP

Recovered _____ ft. of _____	130 Miles RT	Price Job
Recovered _____ ft. of _____		Other Charges
Remarks: <u>Tool Sample=MCW 5%M 95%W</u>		Insurance
<u>RW=39,000</u>		Total

Time Set Packer(s) 11:10 A.M. P.M. Time Started Off Bottom 14:10 A.M. P.M. Maximum Temperature 151  
 Initial Hydrostatic Pressure..... (A) 2347 P.S.I.  
 Initial Flow Period..... Minutes 30 (B) 785 P.S.I. to (C) 1454 P.S.I.  
 Initial Closed In Period..... Minutes 45 (D) 1476 P.S.I.  
 Final Flow Period..... Minutes 45 (E) 1438 P.S.I. to (F) 1477 P.S.I.  
 Final Closed In Period..... Minutes 60 (G) 1480 P.S.I.  
 Final Hydrostatic Pressure..... (H) 2305 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.