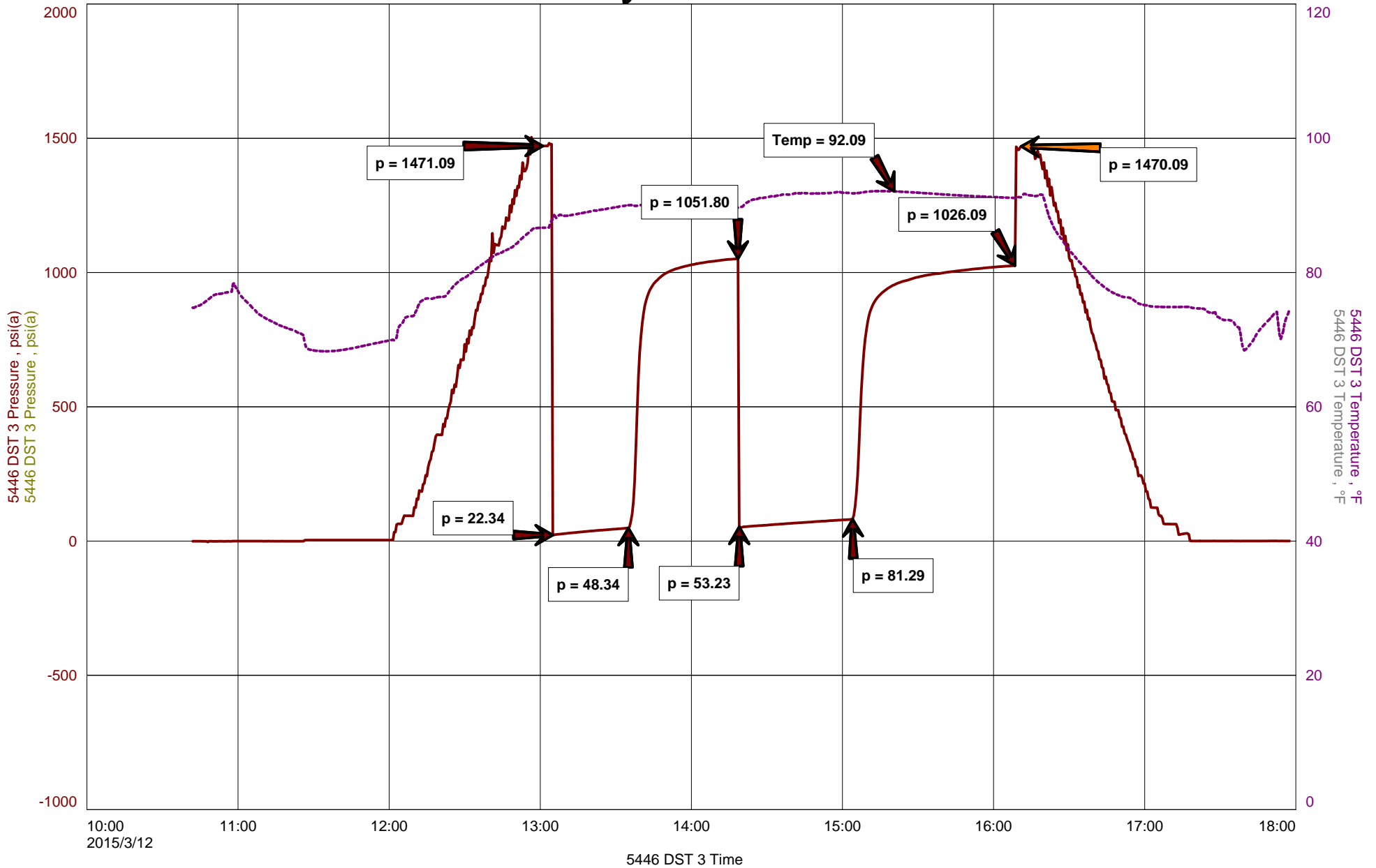


# Betty 3-1 DST 3





# 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>	W176
<b>Contact</b>		Betty 3-1	<b>Representative</b>	Wilbur Steinbeck
<b>Well Name</b>		DST 3 Lan D-G 3097-3163	<b>Well Operator</b>	LD
<b>Unique Well ID</b>		1-6s-18w Rooks/Kans	<b>Report Date</b>	2015/03/12
<b>Surface Location</b>		Wildcat	<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>	Lan D-G		
<b>Well Fluid Type</b>	01 Oil		
<b>Test Purpose (AEUB)</b>	Initial Test		
<b>Start Test Date</b>	2015/03/12	<b>Start Test Time</b>	10:42:00
<b>Final Test Date</b>	2015/03/12	<b>Final Test Time</b>	18:00:00

## Test Recovery

**Recovery**      30' Gassy Free Oil  
 135' GMCO 20%G 35%M 45%O  
 165' Total Fluid  
 120' G.I.P

**Tool Sample** GMCO 15%G 40%M 45%O

**Corrected Gravity=36.8**



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

TIME ON: 10:42  
TIME OFF: 18:00

Company LD Drilling Lease & Well No. Betty 3-1  
Contractor LD Charge to LD Drilling  
Elevation 1872 KB Formation \_\_\_\_\_ Lan D-G Effective Pay \_\_\_\_\_ Ft. Ticket No. W176  
Date 3-12-15 Sec. 1 Twp. \_\_\_\_\_ 6 S Range \_\_\_\_\_ 18 W County \_\_\_\_\_ Rooks State KANSAS  
Test Approved By Kim Shoemaker Diamond Representative \_\_\_\_\_ Wilbur Steinbeck

Formation Test No. 3 Interval Tested from 3097 ft. to 3163 ft. Total Depth 3163 ft.

Packer Depth 3092 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 3097 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3082 ft. Recorder Number 5446 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 3098 ft. Recorder Number 5965 Cap. 5,000 P.S.I.

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

Mud Type Chem Viscosity 54 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 6.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 700 P.P.M. Drill Pipe Length 3064 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 66 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 30 min Built to 1 1/2"

2nd Open: BOB in 25 min Built to 1/2

Recovered 30 ft. of Gassy Free Oil

Recovered 135 ft. of GMCO 20%G 35%M 45%O

Recovered 165 ft. of Total Fluid

Recovered 120 ft. of GIP

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

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

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

Tool Sample GMCO 15%G 40%M 45%O

Corrected Gravity=36.8

Time Set Packer(s) 13:05 A.M. Time Started Off Bottom 16:05 P.M. Maximum Temperature 92

Initial Hydrostatic Pressure..... (A) 1471 P.S.I.

Initial Flow Period..... Minutes 30 (B) 22 P.S.I. to (C) 48 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1052 P.S.I.

Final Flow Period..... Minutes 45 (E) 53 P.S.I. to (F) 81 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1026 P.S.I.

Final Hydrostatic Pressure..... (H) 1470 P.S.I.

Price Job
Other Charges
Insurance
Total

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.