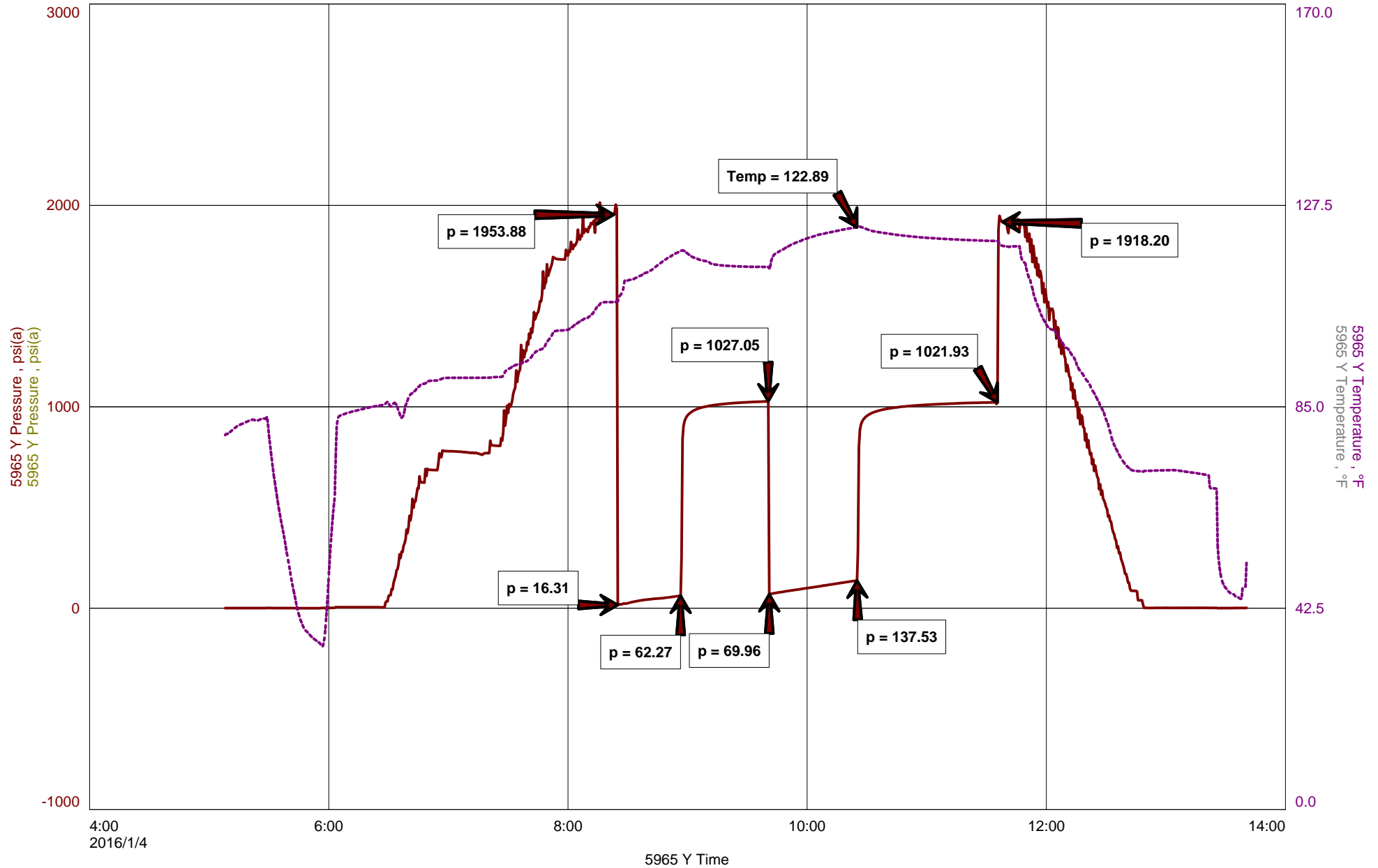


# #1 York 31 D DST 1





# 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>	W224
<b>Contact</b>		<b>#1 York 31 D DST 1</b>	<b>Representative</b>	Wilbur Steinbeck
<b>Well Name</b>		<b>DST 1 L/KC J 4064-4090</b>	<b>Well Operator</b>	LD 1
<b>Unique Well ID</b>		<b>31-15s-30w /Kans</b>	<b>Report Date</b>	2016/01/04
<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>	L/KC J		
<b>Well Fluid Type</b>	01 Oil		
<b>Test Purpose (AEUB)</b>	Initial Test		
<b>Start Test Date</b>	2016/01/04	<b>Start Test Time</b>	05:08:00
<b>Final Test Date</b>	2016/01/04	<b>Final Test Time</b>	13:41:00

## Test Recovery

**Recovery**  
270' MCW with Slight oil spots 15%M 85%W  
270' Total Fluid

Tool Sample=MCW 20%M 80%W

RW=48



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: #1 York 31 D DST 1

TIME ON: 5:08  
TIME OFF: 13:41

Company LD Drilling Lease & Well No. #1 York 31 D  
Contractor LD Charge to LD  
Elevation 2758 KB Formation L/KC J Effective Pay \_\_\_\_\_ Ft. Ticket No. W224  
Date 1-4-16 Sec. 31 Twp. 15 S Range 30 W County \_\_\_\_\_ State KANSAS  
Test Approved By Kim Shoemaker Diamond Representative Wilbur Steinbeck

Formation Test No. 1 Interval Tested from 4064 ft. to 4090 ft. Total Depth 4090 ft.

Packer Depth 4059 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 4064 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4050 ft. Recorder Number 5965 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4065 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 59 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 8.8 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 2000 P.P.M. Drill Pipe Length 4031 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 26 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 25 min No Return

2nd Open: BOB in 37 min No Return

Recovered 270 ft. of MCW with slight oil spot 15%M 85%W

Recovered 270 ft. of Total Fluid

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

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

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_ 60 Miles RT

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

Remarks: Tool Sample=MCW 20%M 80%W

RW=48,000

Time Set Packer(s) 8:25 A.M. P.M. Time Started Off Bottom 11:25 A.M. P.M. Maximum Temperature 123

Initial Hydrostatic Pressure..... (A) 1954 P.S.I.

Initial Flow Period..... Minutes 30 (B) 16 P.S.I. to (C) 62 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1027 P.S.I.

Final Flow Period..... Minutes 45 (E) 70 P.S.I. to (F) 138 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1022 P.S.I.

Final Hydrostatic Pressure..... (H) 1918 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.