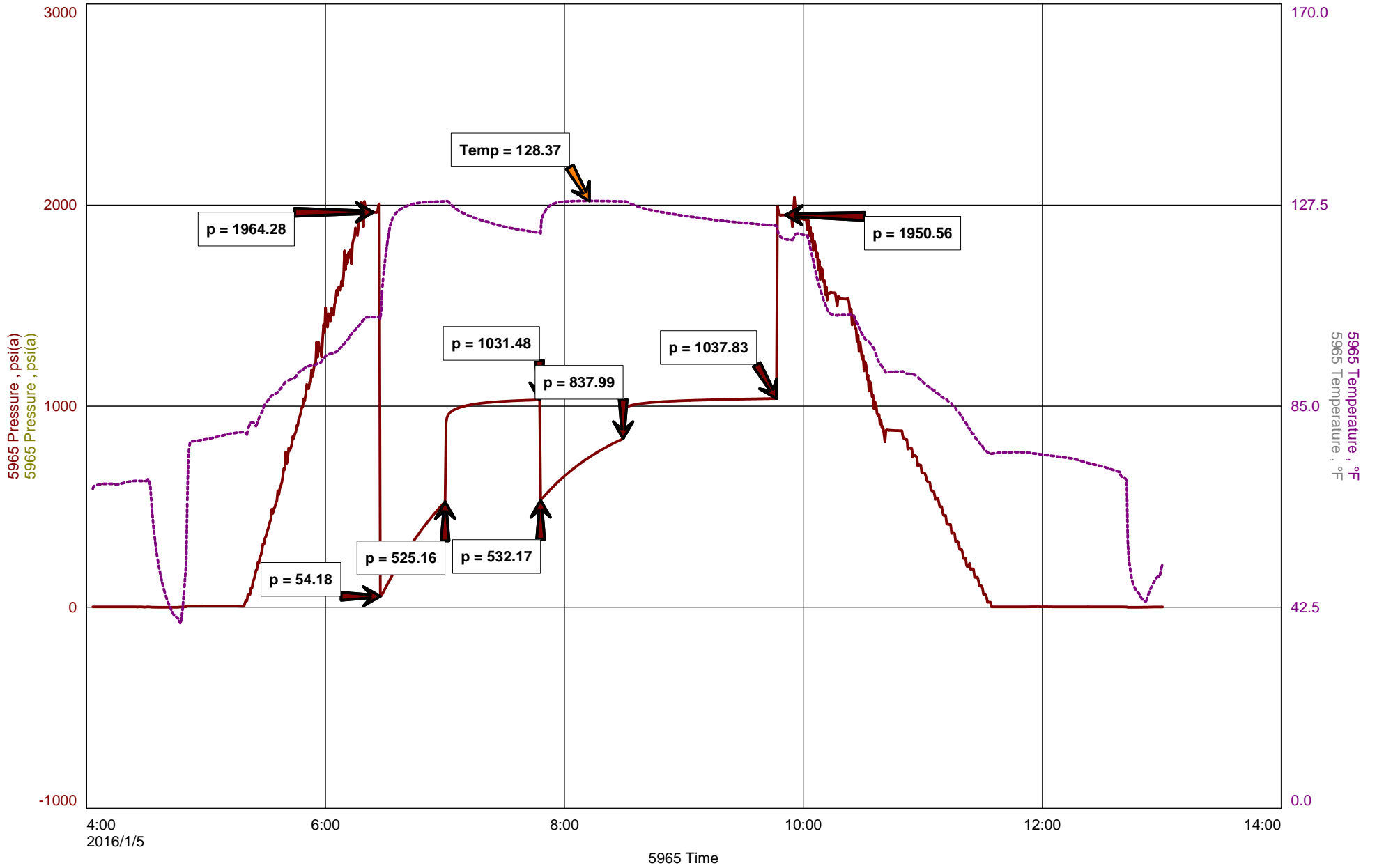


LD Drilling  
DST 2 L/KC K 4098-4120  
Start Test Date: 2016/01/05  
Final Test Date: 2016/01/05

#1 York 31 D DST 2  
Formation: L/KC K  
Job Number: W225

# #1 York 31 D DST 2





# Diamond Testing General Report

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

## General Information

<b>Company Name</b>	LD Drilling	<b>Job Number</b>	W225
<b>Contact</b>	Kim Shoemaker	<b>Representative</b>	Wilbur Steinbeck
<b>Well Name</b>	#1 York 31 D DST 2	<b>Well Operator</b>	LD 1
<b>Unique Well ID</b>	DST 2 L/KC K 4098-4120	<b>Report Date</b>	2016/01/05
<b>Surface Location</b>	31-15s-30w /Kans	<b>Prepared By</b>	Wilbur Steinbeck
<b>Field</b>	Wildcat	<b>Qualified By</b>	Kim Shoemaker

## Test Information

<b>Test Type</b>	Conventional		
<b>Formation</b>	L/KC K		
<b>Well Fluid Type</b>	01 Oil		
<b>Test Purpose (AEUB)</b>	Initial Test		
<b>Start Test Date</b>	2016/01/05	<b>Start Test Time</b>	04:03:00
<b>Final Test Date</b>	2016/01/05	<b>Final Test Time</b>	13:02:00

## Test Recovery

**Recovery**  
1760' MCW 10%M 90%W  
1760' Total Fluid

Tool Sample=MCW 10%M 90%W

RW=52



**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: 4:03  
TIME OFF: 13:02

Company LD Drilling Lease & Well No. #1 York 31 D  
Contractor LD Charge to LD  
Elevation 2758 KB Formation L/KC K Effective Pay \_\_\_\_\_ Ft. Ticket No. W225  
Date 1-5-16 Sec. 31 Twp. \_\_\_\_\_ 15 S Range \_\_\_\_\_ 30 W County \_\_\_\_\_ State KANSAS  
Test Approved By Kim Shoemaker Diamond Representative Wilbur Steinbeck

Formation Test No. 2 Interval Tested from 4098 ft. to 4120 ft. Total Depth 4120 ft.

Packer Depth 4098 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 4093 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4084 ft. Recorder Number 5965 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4099 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 50 Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.

Weight 9.2 Water Loss 7.2 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.

Chlorides 3000 P.P.M. Drill Pipe Length 4065 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 22 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 3 min No Return

2nd Open: BOB in 4 min No Return

Recovered 1760 ft. of MCW 10%M 90%W

Recovered 1760 ft. of Total Fluid

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

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

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

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

Remarks: Tool Sample=MCW 10%M 90%W

RW=52,000

Time Set Packer(s) 6:25 A.M. P.M. Time Started Off Bottom 9:25 A.M. P.M. Maximum Temperature 128

Initial Hydrostatic Pressure..... (A) 1964 P.S.I.

Initial Flow Period..... Minutes 30 (B) 54 P.S.I. to (C) 525 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1031 P.S.I.

Final Flow Period..... Minutes 45 (E) 532 P.S.I. to (F) 838 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1038 P.S.I.

Final Hydrostatic Pressure..... (H) 1951 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.