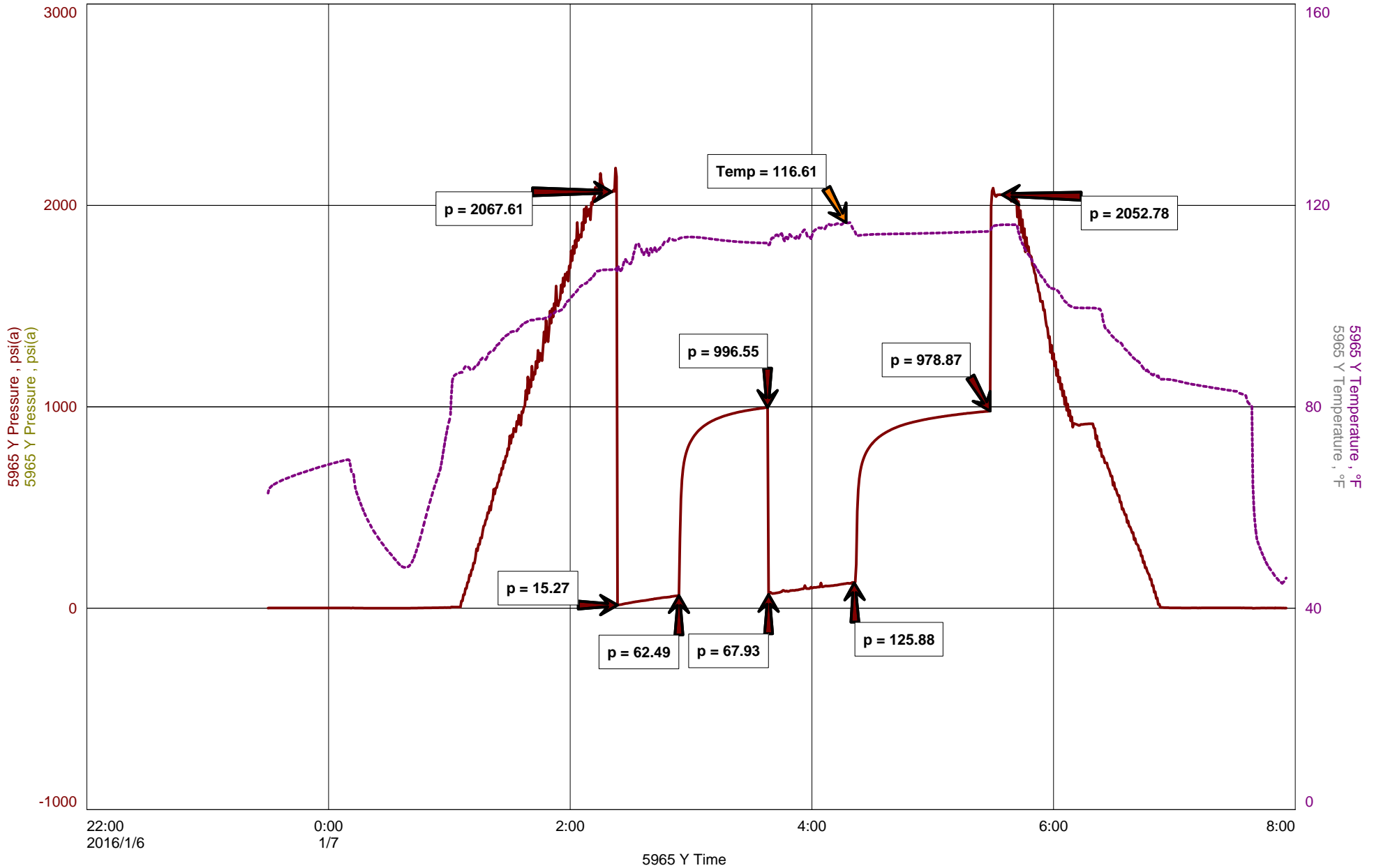


LD Drilling  
DST 3 Paw/Johnson 44294-4450  
Start Test Date: 2016/01/06  
Final Test Date: 2016/01/07

#1 York 31 D DST 3  
Formation: Paw/Johnson  
Job Number: W226

# #1 York 31 D 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>	W226
<b>Contact</b>		<b>#1 York 31 D DST 3</b>	<b>Representative</b>	Wilbur Steinbeck
<b>Well Name</b>		<b>DST 3 Paw/Johnson 44294-4450</b>	<b>Well Operator</b>	LD 1
<b>Unique Well ID</b>		<b>31-15s-30w /Kans</b>	<b>Report Date</b>	2016/01/06
<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>	Paw/Johnson		
<b>Well Fluid Type</b>	01 Oil		
<b>Test Purpose (AEUB)</b>	Initial Test		
<b>Start Test Date</b>	2016/01/06	<b>Start Test Time</b>	23:30:00
<b>Final Test Date</b>	2016/01/07	<b>Final Test Time</b>	07:55:00

## Test Recovery

**Recovery**  
210' Mud  
210' Total Fluid

Tool Sample=Mud



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: #1 York 31 D DST 3

TIME ON: 23:30  
TIME OFF: 7:55

Company LD Drilling Lease & Well No. #1 York 31 D  
Contractor LD Charge to LD  
Elevation 2758 KB Formation Paw/Johnson Effective Pay \_\_\_\_\_ Ft. Ticket No. W226  
Date 1-6-16 Sec. 31 Twp. \_\_\_\_\_ 15 S Range \_\_\_\_\_ 30 W County \_\_\_\_\_ State KANSAS  
Test Approved By Kim Shoemaker Diamond Representative Wilbur Steinbeck

Formation Test No. 3 Interval Tested from 4294 ft. to 4450 ft. Total Depth 4450 ft.  
Packer Depth 4289 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4294 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4280 ft. Recorder Number 5965 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 4295 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 55 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.1 Water Loss 7.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 3000 P.P.M. Drill Pipe Length 4261 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 156 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 27 min No Return  
2nd Open: BOB in 40 min No Return

Recovered 210 ft. of Mud  
Recovered 210 ft. of Total Fluid  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____	60 Miles RT	Price Job
Recovered _____ ft. of _____		Other Charges
Remarks: <u>Tool Sample=Mud</u>		Insurance
		Total

Time Set Packer(s) 2:25 A.M. P.M. Time Started Off Bottom 5:25 A.M. P.M. Maximum Temperature 117  
Initial Hydrostatic Pressure..... (A) 2068 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 62 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 997 P.S.I.  
Final Flow Period..... Minutes 45 (E) 68 P.S.I. to (F) 126 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 979 P.S.I.  
Final Hydrostatic Pressure..... (H) 2053 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.