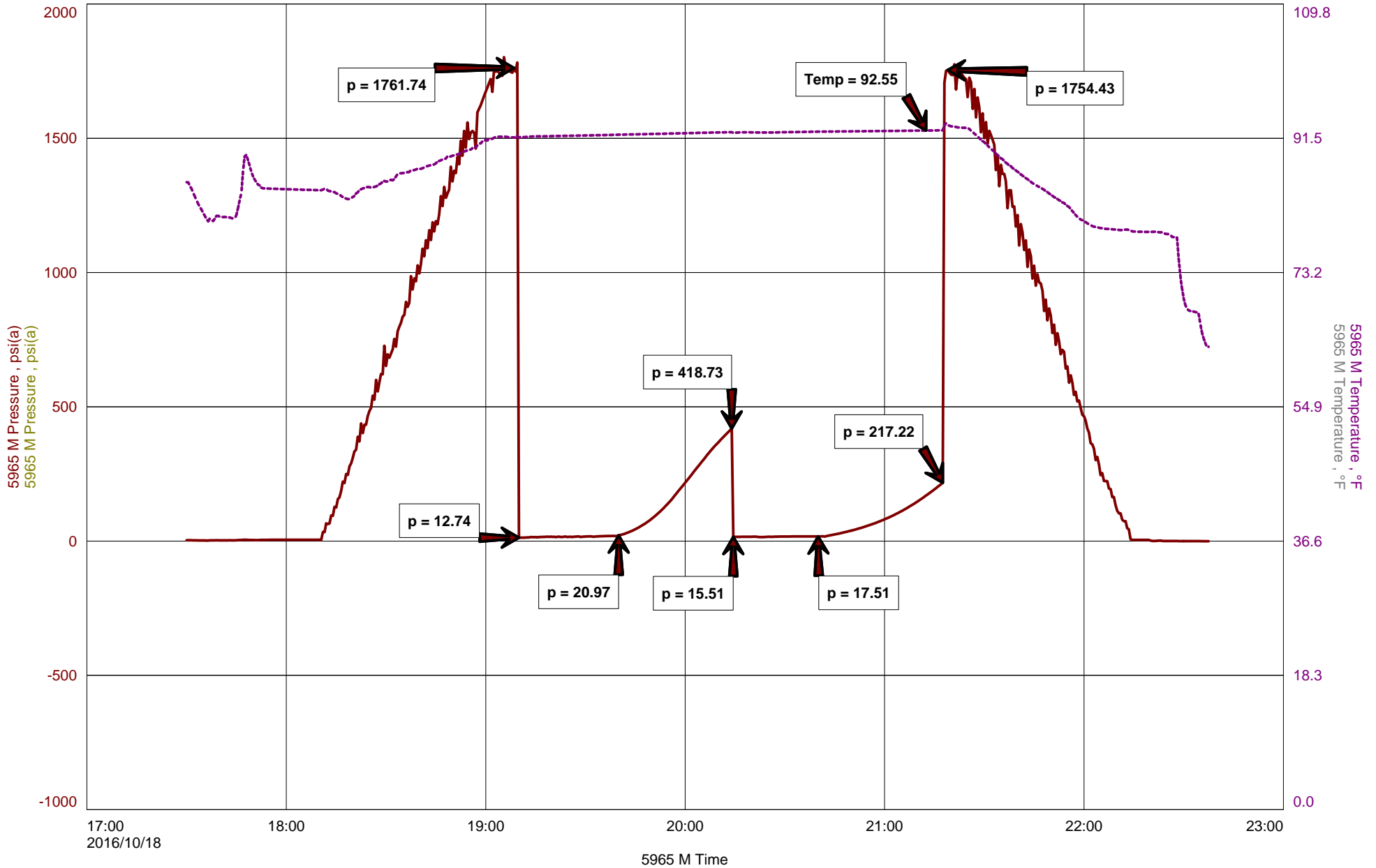


LD Drilling  
DST 3 Reagan 3575-3619  
Start Test Date: 2016/10/18  
Final Test Date: 2016/10/18

Miller A 1-5  
Formation: Reagan  
Job Number: W247

# Miller A 1-5 DST 3





# Diamond Testing General Report

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

## General Information

<b>Company Name</b>	LD Drilling	<b>Larry Friend</b>	<b>Job Number</b>	W247
<b>Contact</b>		<b>Miller A 1-5</b>	<b>Representative</b>	Wilbur Steinbeck
<b>Well Name</b>		<b>DST 3 Reagan 3575-3619</b>	<b>Well Operator</b>	LD
<b>Unique Well ID</b>		<b>5-3s-23w Norton/Kan</b>	<b>Report Date</b>	2016/10/18
<b>Surface Location</b>		<b>Wildcat</b>	<b>Prepared By</b>	Wilbur Steinbeck
<b>Field</b>			<b>Qualified By</b>	Larry Friend

## Test Information

<b>Test Type</b>	Conventional		
<b>Formation</b>	Reagan		
<b>Well Fluid Type</b>	01 Oil		
<b>Test Purpose (AEUB)</b>	Initial Test		
<b>Start Test Date</b>	2016/10/18	<b>Start Test Time</b>	17:30:00
<b>Final Test Date</b>	2016/10/18	<b>Final Test Time</b>	22:43:00

## Test Recovery

**Recovery**  
**10' Mud with oil spots**  
**10' Total Fluid**

**Tool Sample=Mud with oil spots**



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: Miller A 1-5 DST 3

TIME ON: 5:30  
TIME OFF: 10:43

Company LD Drilling Lease & Well No. Miller A 1-5  
Contractor LD Charge to LD  
Elevation 2343 KB Formation \_\_\_\_\_ Reagan Effective Pay \_\_\_\_\_ Ft. Ticket No. W247  
Date 10/18/16 Sec. 5 Twp. \_\_\_\_\_ 3 S Range \_\_\_\_\_ 23 W County \_\_\_\_\_ Norton State KANSAS  
Test Approved By Larry Friend Diamond Representative \_\_\_\_\_ Wilbur Steinbeck

Formation Test No. 3 Interval Tested from 3575 ft. to 3619 ft. Total Depth \_\_\_\_\_ 3619 ft.  
Packer Depth \_\_\_\_\_ 3570 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth \_\_\_\_\_ 3575 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) \_\_\_\_\_ 3561 ft. Recorder Number \_\_\_\_\_ 5965 Cap. \_\_\_\_\_ 5000 P.S.I.  
Bottom Recorder Depth (Outside) \_\_\_\_\_ 3576 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 \_\_\_\_\_ 9.0 Water Loss \_\_\_\_\_ 6.4 cc. Weight Pipe Length \_\_\_\_\_ 0 ft. I.D. \_\_\_\_\_ 2 7/8 in.  
Chlorides \_\_\_\_\_ 1000 P.P.M. Drill Pipe Length \_\_\_\_\_ 3542 ft. I.D. \_\_\_\_\_ 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ J/J Test Tool Length \_\_\_\_\_ 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? No Reversed Out No Anchor Length \_\_\_\_\_ 49 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: Surface blow No Blow  
2nd Open: No Blow No Blow

Recovered \_\_\_\_\_ 10 ft. of Mud with oil spots  
Recovered \_\_\_\_\_ 10 ft. of Total Fluid  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____	75Miles RT	Price Job
Recovered _____ ft. of _____		Other Charges
Remarks: <u>Tool Sample=Mud</u>		Insurance
		Total

Time Set Packer(s) 19:15 A.M. P.M. Time Started Off Bottom 21:15 A.M. P.M. Maximum Temperature \_\_\_\_\_ 93  
Initial Hydrostatic Pressure..... (A) \_\_\_\_\_ 1762 P.S.I.  
Initial Flow Period..... Minutes 30 (B) \_\_\_\_\_ 13 P.S.I. to (C) \_\_\_\_\_ 21 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) \_\_\_\_\_ 419 P.S.I.  
Final Flow Period..... Minutes 30 (E) \_\_\_\_\_ 16 P.S.I. to (F) \_\_\_\_\_ 18 P.S.I.  
Final Closed In Period..... Minutes 30 (G) \_\_\_\_\_ 217 P.S.I.  
Final Hydrostatic Pressure..... (H) \_\_\_\_\_ 1754 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.