

# DIAMOND TESTING GENERAL REPORT

**Jake Fahrenbruch, Tester**

Cell: (620) 282-8977 / Office: (800) 542-7313



## TEST INFORMATION

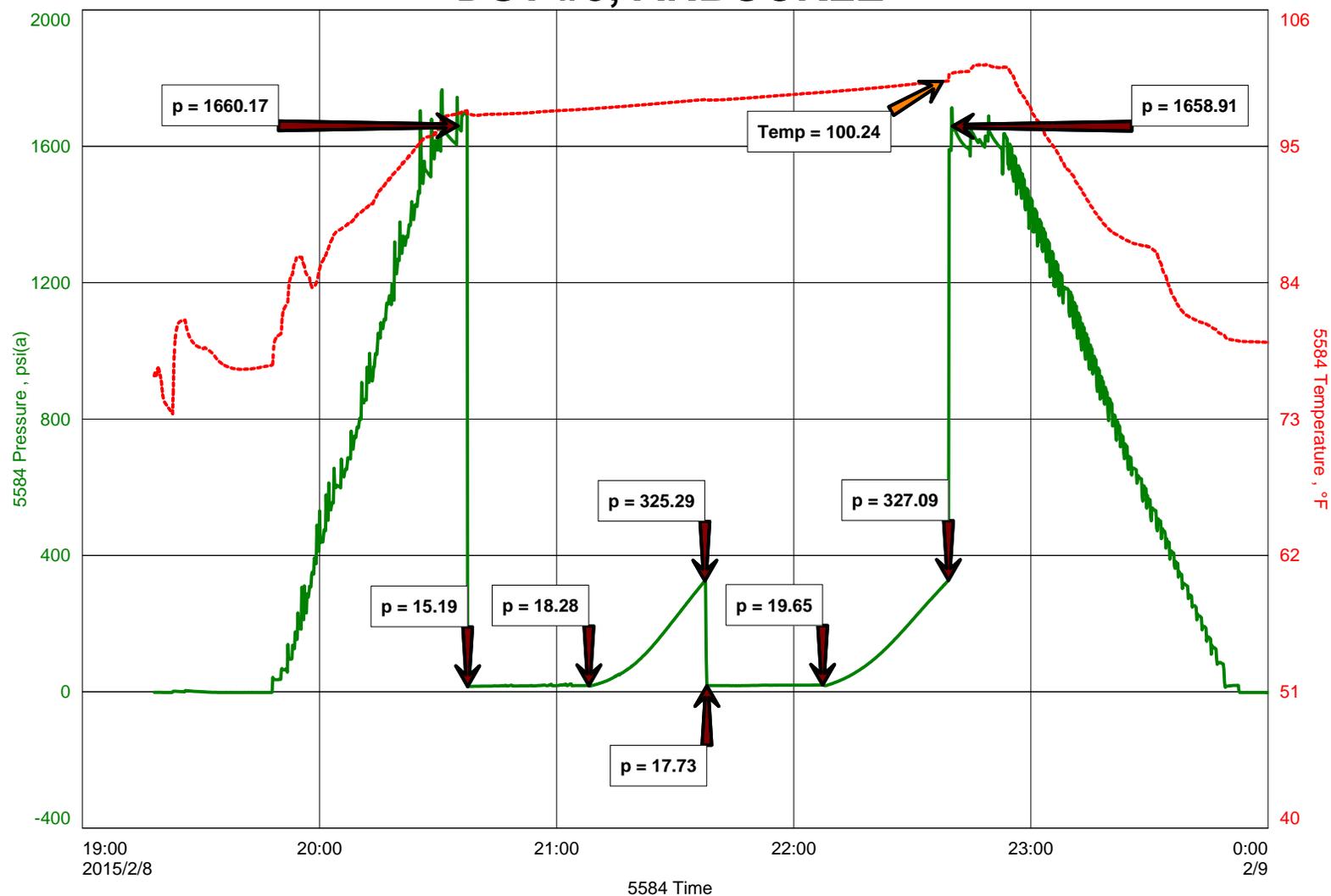
<b>Well Name</b>	Wanda #1-25
<b>Company Name</b>	LD Drilling Inc
<b>Formation</b>	Arbuckle 3365'-3405'
<b>Test Type</b>	Bottom-Hole DST
<b>Surface Location</b>	Sec 25-20s-12w-Barton Co.-KS
<b>KB Elevation (SL)</b>	1823.000
<b>Gauge Name</b>	5584
<b>Start Test Date</b>	2012/02/08
<b>Start Test Time</b>	19:18:00
<b>Final Test Date</b>	2012/02/09
<b>Final Test Time</b>	00:25:00
<b>Job Number</b>	F374
<b>Contact</b>	LD Davis
<b>Site Contact</b>	Kurt Talbott

## TEST RESULTS

Initial flow, weak blow, increased to .75"  
Final flow, no blow

Recovered 5' of mud.

## DST #3, ARBUCKLE





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

ON LOCATION: 19:05 2-8  
 START RECORDERS: 19:18  
 STOP RECORDERS: 00:25

Company LD DRILLING INC Lease & Well No. WANDA #1-25  
 Contractor PETROMARK DRILLING RIG #2 Charge to LD DRILLING INC  
 Elevation 1823' KB Formation ARBUCKLE Effective Pay \_\_\_\_\_ Ft. Ticket No. F374  
 Date 2-8-15 Sec. 25 Twp. 20s Range 12W County BARTON State KANSAS  
 Test Approved By KURT TALBOT Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 3 Interval Tested from 3363 ft. to 3405 ft. Total Depth 3405 ft.  
 Packer Depth 3358 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 3363 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3344 ft. Recorder Number 5951 Cap. 5000 P.S.I.  
 Bottom Recorder Depth (Outside) 3368 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 54 Drill Collar Length 125 ft. I.D. 2 1/4 in.  
 Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
 Chlorides 7400 P.P.M. Drill Pipe Length 3213 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? ✓ Reversed Out \_\_\_\_\_ Anchor Length 42 ft. Size 4 1/2-FH in.  
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2" x 4 in. Surface Choke Size 8" PERF IN ANCHOR in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK BLOW, INC TO 3/4"  
 2nd Open: NO BLOW

Recovered 5 ft. of MUD 100° MUD  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

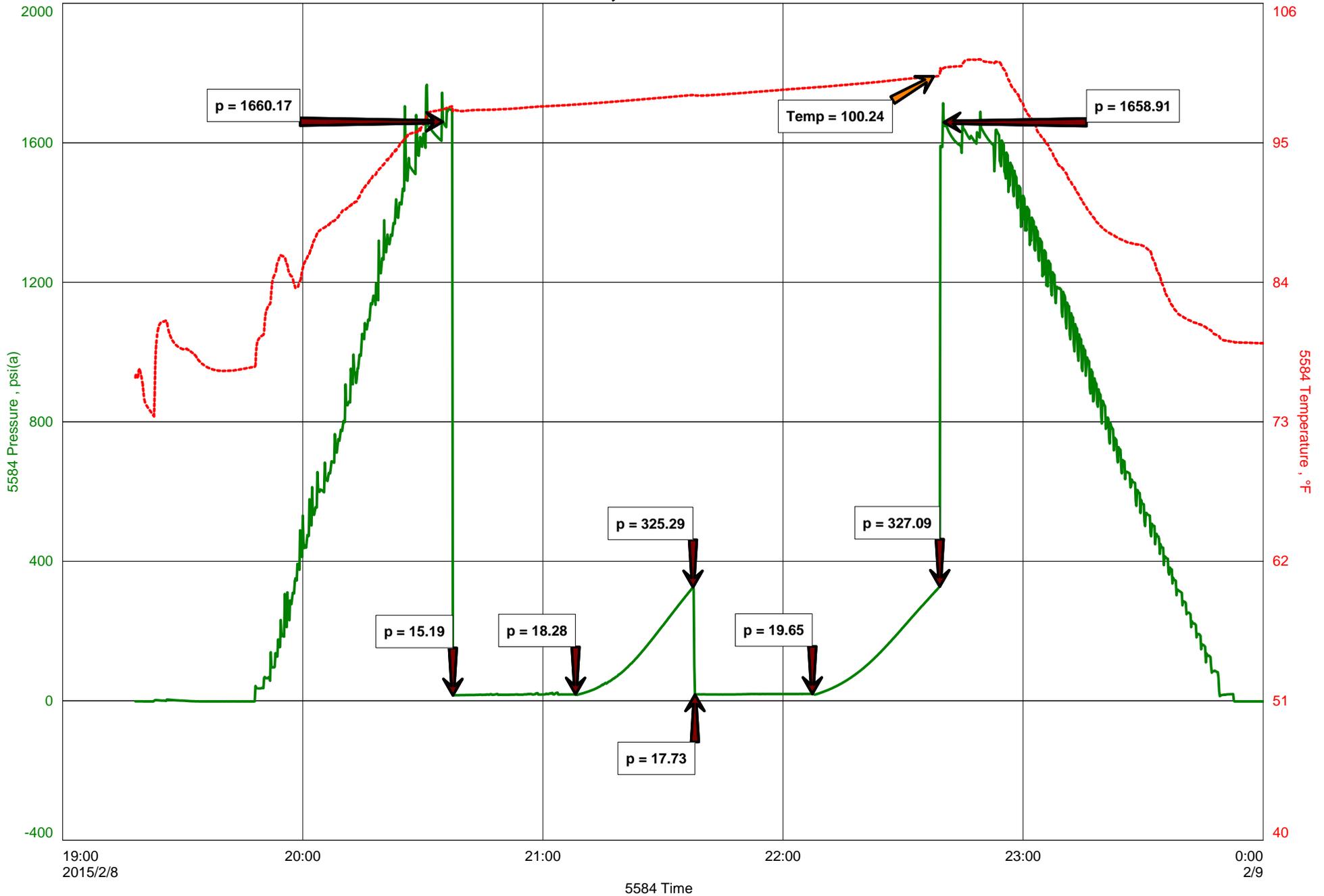
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	
	<u>104 MUD (PRAT)</u>
	Total

Time Set Packer(s) 8:45 AM Time Started Off Bottom 10:45 AM Maximum Temperature 100°F

Initial Hydrostatic Pressure..... (A) 1660 P.S.I.  
 Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 18 P.S.I.  
 Initial Closed In Period..... Minutes 30 (D) 325 P.S.I.  
 Final Flow Period..... Minutes 30 (E) 18 P.S.I. to (F) 20 P.S.I.  
 Final Closed In Period..... Minutes 30 (G) 327 P.S.I. Thank You!  
 Final Hydrostatic Pressure..... (H) 1659 P.S.I. 100° MUD

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.

# DST #3, ARBUCKLE





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: WANDA1DST3

TIME ON: 19:05 2/8/15  
TIME OFF: 00:25

Company LD Drilling Inc Lease & Well No. Wanda #1-25  
Contractor Petromark Drilling LLC Rig # 2 Charge to LD Drilling Inc  
Elevation 1823'KB Formation Arbuckle Effective Pay \_\_\_\_\_ Ft. Ticket No. F374  
Date 2-8-15 Sec. 25 Twp. \_\_\_\_\_ 20s S Range 12w W County Barton State KANSAS  
Test Approved By Kurt Talbott Diamond Representative Jake Fahrenbruch

Formation Test No. 3 Interval Tested from 3363 ft. to 3405 ft. Total Depth 3405 ft.  
Packer Depth 3258 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3263 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3344 ft. Recorder Number 5951 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 3368 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chemical Viscosity 54 Drill Collar Length 125 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 7,400 P.P.M. Drill Pipe Length 3,213 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 42 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 8" PERF IN ANCHOR Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Weak blow, increased to .75"  
2nd Open: No blow

Recovered <u>5</u> ft. of <u>MUD</u> <u>100%</u> mud	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) 8:45 PM A.M. P.M. Time Started Off Bottom 10:45 PM A.M. P.M. Maximum Temperature 100 F

Initial Hydrostatic Pressure..... (A) 1660 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 18 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 325 P.S.I.  
Final Flow Period..... Minutes 30 (E) 18 P.S.I. to (F) 20 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 327 P.S.I.  
Final Hydrostatic Pressure..... (H) 1659 P.S.I.

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