



# Diamond Testing General Report

**JAKE  
FAHRENBRUCH - TESTER  
Cell: (620) 282-8977**

P.O. Box 157  
Hoisington KS 67544  
Office: (800) 542-7313

## General Information

<b>Company Name</b>	LD Drilling, Inc.	<b>Well Name</b>	Ringering #3-15
<b>Well Operator</b>	LD Drilling, Inc.	<b>Unique Well ID</b>	DST #5 Arbuckle 3297'-3311'
<b>Contact</b>	LD Davis	<b>Surface Location</b>	Sec 15-20s-11w-Barton Co.-KS
<b>Site Contact</b>	Kim Shoemaker	<b>Test Unit</b>	#5
<b>Field</b>	Chase-Silica	<b>Pool</b>	NA
<b>Well Type</b>	Vertical	<b>Job Number</b>	F172
<b>Prepared By</b>	Jake Fahrenbruch	<b>Qualified By</b>	Kim Shoemaker

## Test Information

<b>Test Type</b>	Bottom-Hole w/safety joint	<b>Test Purpose</b>	Initial Test
<b>Formation</b>	Arbuckle 3297'-3311'	<b>Gauge Name</b>	0062
<b>Start Test Date</b>	2013/09/13	<b>Start Test Time</b>	08:18:00
<b>Final Test Date</b>	2013/09/13	<b>Final Test Time</b>	13:33:00

## Test Results

30 minute initial flow period: Strong blow, lost some mud, regained packer seat, .5" blow, blow died.  
 45 minute initial shut-in period: No blow.  
 30 minute final flow period: No blow.  
 30 minute final shut-in period: No blow.

**Recovered:** 375' Drilling Mud  
 ----- oil specks in tool  
 ----- Bottom-Hole Temp: 97 Deg F

**Pressures:** IHP: 1621  
 IFP: 191-208  
 ISIP: 974  
 FFP: 206-206  
 FSIP: 498  
 FHP: 1621

Thanks.



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: RINGERING3DST5

TIME ON: O.L. 8:00 am / B.O. 8:18 am  
TIME OFF: 1:33 pm

Company LD Drilling, Inc. Lease & Well No. Ringing #3-15  
Contractor Petromark Drilling, LLC Rig #2 Charge to LD Drilling, Inc.  
Elevation 1764' KB Formation \_\_\_\_\_ Arbuckle Effective Pay \_\_\_\_\_ Ft. Ticket No. F175  
Date 9-13-2013 Sec. 15 Twp. \_\_\_\_\_ 20 S Range \_\_\_\_\_ 11 W County \_\_\_\_\_ Barton State KANSAS  
Test Approved By Kim Shoemaker Diamond Representative Jake Fahrenbruch

Formation Test No. FIVE Interval Tested from 3297 ft. to 3311 ft. Total Depth 3311 ft.  
Packer Depth 3292 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3297 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3280 ft. Recorder Number 0062 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 3308 ft. Recorder Number 11033 Cap. 5,150 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chemical Viscosity 54 Drill Collar Length 150 ft. I.D. 2 1/4 in.  
Weight 9.3 Water Loss 12.8 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides 12000 P.P.M. Drill Pipe Length 3107 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number #5 (safety joint only) Test Tool Length 28 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 14 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Strong blow, lost some mud, regained packer seat, .5" blow, blow died.  
2nd Open: No blow.

Recovered <u>375</u> ft. of <u>Drilling Mud</u>	
Recovered _____ ft. of <u>oil specks in tool</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) 9:30 AM A.M. P.M. Time Started Off Bottom 11:45 AM A.M. P.M. Maximum Temperature 97 Deg F  
Initial Hydrostatic Pressure..... (A) 1621 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 191 P.S.I. to (C) 208 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 974 P.S.I.  
Final Flow Period..... Minutes 30 (E) 206 P.S.I. to (F) 206 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 498 P.S.I.  
Final Hydrostatic Pressure..... (H) 1621 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.

LD Drilling, Inc.  
DST #5 Arbuckle 3297'-3311'  
Start Test Date: 2013/09/13  
Final Test Date: 2013/09/13

Ringing #3-15  
Formation: Arbuckle 3297'-3311'  
Pool: NA  
Job Number: F172

# Ringing #3-15

