



# 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 #3 Arbuckle 3271'-3294'
<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>	
<b>Field</b>	Chase Silica	<b>Pool</b>	
<b>Well Type</b>	Vertical	<b>Job Number</b>	F171
<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 3271'-3294'	<b>Gauge Name</b>	0062
<b>Start Test Date</b>	2013/09/12	<b>Start Test Time</b>	13:27:00
<b>Final Test Date</b>	2013/09/12	<b>Final Test Time</b>	17:27:00

## Test Results

30 minute flow period: Surface blow, dead in 12 minutes.  
30 minute shut-in period: No blow.

Recovered: 1' Drilling Mud  
----- Bottom-Hole Temp: 97 Deg F

Pressures: IHP: 1584  
IFP: 9-10  
ISIP: 21  
FHP: 1584



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: RINGERING3DST3

TIME ON: on loc 12:38pm/batt on 1:27pm  
TIME OFF: 5:27 PM

Company LD Drilling, Inc. Lease & Well No. Ringering #3-15  
Contractor Petromark Drilling, LLC Rig #2 Charge to LD Drilling, Inc.  
Elevation 1764' KB Formation \_\_\_\_\_ Arbuckle Effective Pay \_\_\_\_\_ Ft. Ticket No. F171  
Date 9-12-2013 Sec. 15 Twp. \_\_\_\_\_ 20 S Range \_\_\_\_\_ 11 W County \_\_\_\_\_ Barton State KANSAS  
Test Approved By Kim Shoemaker Diamond Representative Jake Fahrenbruch

Formation Test No. THREE Interval Tested from 3271 ft. to 3294 ft. Total Depth 3294 ft.  
Packer Depth 3266 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3271 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3254 ft. Recorder Number 0062 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 3291 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 52 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
Weight 8.8 Water Loss 8.4 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides 8000 P.P.M. Drill Pipe Length 3123 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 23 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: Surface blow, dead in 12 minutes.  
2nd Open: \_\_\_\_\_

Recovered 1 ft. of Drilling Mud  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
_____	Total

Time Set Packer(s) 2:51 PM A.M. P.M. Time Started Off Bottom 3:51 PM A.M. P.M. Maximum Temperature 97 Deg F

Initial Hydrostatic Pressure..... (A) 1584 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 10 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 21 P.S.I.  
Final Flow Period..... Minutes ----- (E) ----- P.S.I. to (F) ----- P.S.I.  
Final Closed In Period..... Minutes ----- (G) ----- P.S.I.  
Final Hydrostatic Pressure..... (H) 1584 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.

# Ringing #3-15

