



# Diamond Testing General Report

**John Riedl**  
**TESTER**  
**CELL: 620-793-0550**

## General Information

<b>Company Name</b>	LD DRLG	<b>Job Number</b>	J3321
<b>Contact</b>	LD DAVIS	<b>Representative</b>	JOHN RIEDL
<b>Well Name</b>	BARNES 1-21	<b>Well Operator</b>	L D DRILLING INC
<b>Unique Well ID</b>		<b>Report Date</b>	2014/11/10
<b>Surface Location</b>	S21/18S/14W	<b>Prepared By</b>	JOHN RIEDL
<b>Field</b>		<b>Qualified By</b>	KURT TALBOTT

## Test Information

<b>Test Type</b>	DST #5 CONVENTIONAL
<b>Formation</b>	ARBUCKLE
<b>Well Fluid Type</b>	
<b>Test Purpose</b>	

<b>Start Test Date</b>		<b>Start Test Time</b>	06:30:00
<b>Final Test Date</b>	2014/11/10	<b>Final Test Time</b>	12:45:00

## Test Recovery

RECOVERY: 250' VERY SLIGHTLY OIL CUT MUDDY WATER



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: STC/Barnes1-21dst5

TIME ON: 18:30 11/10/2014  
TIME OFF: 12:45 11/10/2014

Company L D DRILLING INC Lease & Well No. BARNES 1-21  
Contractor PETROMARK RIG 2 Charge to L D DRILLING INC.  
Elevation 1935 K.B Formation ARBUCKLE Effective Pay \_\_\_\_\_ Ft. Ticket No. J33210  
Date 11/10/14 Sec. 21 Twp. 18 S Range 14 W County BARTON State KANSAS  
Test Approved By KURT TALBOTT Diamond Representative JOHN RIEDL

Formation Test No. 5 Interval Tested from 3416 ft. to 3463 ft. Total Depth 3463 ft.  
Packer Depth 3411 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3416 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3419 ft. Recorder Number 30046 Cap. 6000 P.S.I.  
Bottom Recorder Depth (Outside) 3460 ft. Recorder Number 13498 Cap. 6000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 50 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 7500 P.P.M. Drill Pipe Length 3276 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number NOT REQUESTED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 47 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 31' drillpipe Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK (BUILT THROUGHOUT TO 3")  
2nd Open: FAIR (4") NO BB

Recovered <u>250</u> ft. of <u>SLOCMW (1%OIL 24%MUD 74%WATER CHLORIDES 26,000Ppm)</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID REC: 250' (125' IN DRILL COLLAR, 125' IN DRILL PIPE)</u>	Insurance
<u>TOOL SAMPLE GRINDOUT: 1%OIL 5%MUD 94%WATER</u>	
	Total

Time Set Packer(s) 8:15 A.M <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 11:15 A.M <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 108

Initial Hydrostatic Pressure..... (A) 1647 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 19 P.S.I. to (C) 79 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 1074 P.S.I.  
Final Flow Period..... Minutes 45 (E) 83 P.S.I. to (F) 122 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 1074 P.S.I.  
Final Hydrostatic Pressure..... (H) 1642 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.

