



# Diamond Testing General Report

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

## General Information

<b>Company Name</b>	LD DRILLING INC	<b>Job Number</b>	J3319
<b>Contact</b>	LD DAVIS	<b>Representative</b>	JOHN RIEDL
<b>Well Name</b>	BARNES 1-21	<b>Well Operator</b>	LD DRILLING INC
<b>Unique Well ID</b>		<b>Report Date</b>	2014/11/09
<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 #3 CONVENTIONAL
<b>Formation</b>	LKC "I,J,K"
<b>Well Fluid Type</b>	
<b>Test Purpose</b>	

<b>Start Test Date</b>	2014/11/09	<b>Start Test Time</b>	02:30:00
<b>Final Test Date</b>	2014/11/09	<b>Final Test Time</b>	08:45:00

## Test Recovery

RECOVERY: 60' GAS IN PIPE  
120' GAS+MUD CUT OIL



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: STC/Barnes1-21dst3

TIME ON: 2:30 11/9/2014  
TIME OFF: 8:50 11/9/2014

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 LKC "H" Effective Pay \_\_\_\_\_ Ft. Ticket No. J3319  
Date 11/09/14 Sec. 21 Twp. 18 S Range 14 W County BARTON State KANSAS  
Test Approved By KURT TALBOTT Diamond Representative JOHN RIEDL

Formation Test No. 3 Interval Tested from 3354 ft. to 3408 ft. Total Depth 3408 ft.  
Packer Depth 3349 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3354 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 3357 ft. Recorder Number 30046 Cap. 6000 P.S.I.  
Bottom Recorder Depth (Outside) 3405 ft. Recorder Number 13498 Cap. 6000 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 9.2 Water Loss 10 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 7200 P.P.M. Drill Pipe Length 3365 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 54 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 2")  
2nd Open: WEAK(BUILT THROUGHOUT TO 3") NO BB

Recovered 60 ft. of GAS IN PIPE  
Recovered 120 ft. of G+MCO (20%GAS 40%MUD 40%OIL)  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: TOTAL FLUID REC: 120' IN DRILL COLLAR  
TOOL SAMPLE GRINDOUT: 5%GAS 15%%MUD 80%OIL)

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 4:15 A.M <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 7:15 A.M <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 102

Initial Hydrostatic Pressure..... (A) 1652 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 19 P.S.I. to (C) 46 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 572 P.S.I.  
Final Flow Period..... Minutes 45 (E) 64 P.S.I. to (F) 68 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 557 P.S.I.  
Final Hydrostatic Pressure..... (H) 1605 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.

# BARNES 1-21

