



Diamond Testing General Report

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

P.O. Box 157
Hoisington KS 67544
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General Information

Company Name	LD Drilling, Inc.	Well Name	Ringering #3-15
Well Operator	LD Drilling, Inc.	Unique Well ID	DST #2 L/KC 'H-K' 3160'-3250'
Contact	LD Davis	Surface Location	Sec 15-20s-11w-Barton Co.-KS
Site Contact	Kim Shoemaker	Test Unit	#5
Field	Chase-Silica	Pool	NA
Well Type	Vertical	Job Number	F170
Prepared By	Jake Fahrenbruchj	Qualified By	Kim Shoemaker

Test Information

Test Type	Conventional Bottom-Hole	Test Purpose	Initial Test
Formation	L/KC 'H-K' 3160'-3250'	Gauge Name	0062
Start Test Date	2013/09/11	Start Test Time	23:53:00
Final Test Date	2013/09/12	Final Test Time	05:44:00

Test Results

30 minute initial flow period:	Surface blow, increased to 1".
30 minute initial shut-in period:	No blow.
30 minute final flow period:	Surface blow, increased to 1".
30 minute final shut-in period:	No blow.

Recovered: 15' Drilling Mud
 ----- Tool Sample: Drilling Mud
 ----- Bottom-Hole Temperature: 99 Deg F

Pressures: IHP: 1549
 IFP: 11-18
 ISIP: 66
 FFP: 19-25
 FSIP: 57
 FHP: 1546

Thanks!



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: RINGERING3DST2

TIME ON: on loc 11:35PM/ batt on 11:53PM
TIME OFF: 5:44 AM

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 L/KC 'H-K' Effective Pay _____ Ft. Ticket No. F170
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. TWO Interval Tested from 3160 ft. to 3250 ft. Total Depth 3250 ft.
Packer Depth 3155 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3160 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3143 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3247 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 55 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 8.8 Water Loss 8.0 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 5000 P.P.M. Drill Pipe Length 3012 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 90 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 25' PERF (3' top, 22' btm) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Surface blow, increased to 1".
2nd Open: Surface blow, increased to 1".

Recovered <u>15</u> ft. of <u>Drilling Mud</u>	
Recovered _____ ft. of <u>Tool Sample: Drilling Mud</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) 2:01AM A.M. P.M. Time Started Off Bottom 4:01AM A.M. P.M. Maximum Temperature 99 Deg F
Initial Hydrostatic Pressure..... (A) 1549 P.S.I.
Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 18 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 66 P.S.I.
Final Flow Period..... Minutes 30 (E) 19 P.S.I. to (F) 25 P.S.I.
Final Closed In Period..... Minutes 30 (G) 57 P.S.I.
Final Hydrostatic Pressure..... (H) 1546 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 #2 L/KC 'H-K' 3160'-3250'
Start Test Date: 2013/09/11
Final Test Date: 2013/09/12

Ringing #3-15
Formation: L/KC 'H-K' 3160'-3250'
Pool: NA
Job Number: F170

Ringing #3-15

