

# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	L.D. DRILLING, INC.	Job Number	M565
Well Name	LORETTA POLZIN TRUST #1-22	Representative	MIKE COCHRAN
Unique Well ID	DST#2 3302-3376 L/KC H-K	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.22-18S-14W BARTON CO.KS.	Report Date	2013/10/20
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 1

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 3302-3376 L/KC H-K		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/10/20	Start Test Time	01:05:00
Final Test Date	2013/10/20	Final Test Time	06:40:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

### Test Results

Remarks RECOVERED:  
5' GSOCM 2% GAS,9% OIL, 89% MUD  
5' TOTAL FLUID

TOOL SAMPLE: 1% GAS, 47% OIL, 52% MUD



**DIAMOND TESTING**  
 P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (800) 542-7313

TIME ON: 0105  
 TIME OFF: 0640

**DRILL-STEM TEST TICKET**  
 FILE: LRTTLPZNRST1-22DST2

Company L.D. DRILLING, INC. Lease & Well No. LORETTA POLZIN TRUST #1-22  
 Contractor PETROMARK DRILLING, LLC-RIG 2 Charge to L.D. DRILLING, INC.  
 Elevation 1916 GL Formation \_\_\_\_\_ L/KC H-K Effective Pay \_\_\_\_\_ Ft. Ticket No. M565  
 Date 10/20/2013 Sec. 22 Twp. \_\_\_\_\_ 18 S Range \_\_\_\_\_ 14 W County BARTON State KANSAS  
 Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 3302 ft. to 3376 ft. Total Depth 3376 ft.

Packer Depth 3297 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 3301 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3289 ft. Recorder Number 0063 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) 3373 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEM Viscosity 50 Drill Collar Length 117 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in

Chlorides 3,600 P.P.M. Drill Pipe Length 3158 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number SFTY JT Test Tool Length 27 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out NO Anchor Length 74 ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 63'DP, 11' PERF Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: GSB, INC. TO 2" (NO BB)

2nd Open: GSB, INC. TO 2 1/2" (NO BB)

Recovered 5 ft. of GSOCM 2% GAS, 9% OIL, 89% MUD

Recovered 5 ft. of TOTAL FLUID

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

TOOL SAMPLE: 1% GAS, 47% OIL, 52% MUD

Time Set Packer(s) 3:00 A.M. A.M. P.M. Time Started Off Bottom 5:00 A.M. A.M. P.M. Maximum Temperature 100°F

Initial Hydrostatic Pressure..... (A) 1620 P.S.I.

Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 19 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 92 P.S.I.

Final Flow Period..... Minutes 30 (E) 18 P.S.I. to (F) 24 P.S.I.

Final Closed In Period..... Minutes 30 (G) 94 P.S.I.

Final Hydrostatic Pressure..... (H) 1596 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.

# LORETTA POLZIN TRUST #1-22

