



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BTTY2-12DST1

TIME ON: 2340 (7/13)
 TIME OFF: 0745 (7/14)

Company L.D. DRILLING, INC. Lease & Well No. BETTY #2-12
 Contractor SKYTOP DRILLING, LLC. RIG 1 Charge to L.D. DRILLING, INC.
 Elevation 1894 GL EST. Formation LOWER TOPEKA Effective Pay _____ Ft. Ticket No. M673
 Date 7/13/2014 Sec. 12 Twp. _____ 6 S Range _____ 18 W County ROOKS State KANSAS
 Test Approved By LOGAN WALKER Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 2955 ft. to 2996 ft. Total Depth 2996 ft.
 Packer Depth 2950 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
 Packer Depth 2955 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2942 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) 2957 ft. Recorder Number E1150 Cap. 5,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity _____ Drill Collar Length 143 ft. I.D. 2 1/4 in.
 Weight _____ Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 600 P.P.M. Drill Pipe Length 2785 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number SAFTEY JT Test Tool Length 27 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 41 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: WSB, INCREASED TO 1" (NO BB)
 2nd Open: VWSB THAT DIED AFTER 20 MIN. (NO BB)

Recovered 30 ft. of VSOSDM 100% DRLG MUD W/ A VERY THIN SCUM OF OIL
 Recovered 30 ft. of TOTAL FLUID
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks:	Price Job
	Other Charges
	Insurance
TOOL SAMPLE: 1% OIL, 99% MUD	Total

Time Set Packer(s) 3:45 A.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 5:45 A.M. ^{A.M.}/_{P.M.} Maximum Temperature 95°F

Initial Hydrostatic Pressure..... (A) 1397 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 17 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 993 P.S.I.
 Final Flow Period..... Minutes 30 (E) 18 P.S.I. to (F) 27 P.S.I.
 Final Closed In Period..... Minutes 30 (G) 965 P.S.I.
 Final Hydrostatic Pressure..... (H) 1389 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.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRILLING, INC.	Job Number	M673
Well Name	BETTY #2-12	Representative	MIKE COCHRAN
Unique Well ID	DST#1 2955-2996 LOWER TOPEKA	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.12-6S-18W ROOKS CO.KS.	Report Date	2014/07/14
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	LOGAN WALKER
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 2955-2996 LOWER TOPEKA		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/07/13	Start Test Time	23:40:00
Final Test Date	2014/07/14	Final Test Time	07:45:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks **RECOVERED:**
30' VSOSDM 100% DRLG MUD W/ A VERY THIN SCUM OF OIL
30' TOTAL FLUID

TOOL SAMPLE: 1% OIL, 99% MUD

L.D. DRILLING, INC.
DST#1 2955-2996 LOWER TOPEKA
Start Test Date: 2014/07/13
Final Test Date: 2014/07/14

BETTY #2-12
Formation: DST#1 2955-2996 LOWER TOPEKA
Pool: WILDCAT
Job Number: M673

BETTY #2-12

