



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BTTY2-12DST4

TIME ON: 1925 (7/16)
TIME OFF: 0415 (7/17)

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 LANSING H,I,J,K,L Effective Pay _____ Ft. Ticket No. M676
Date 7/16/2014 Sec. 12 Twp. _____ 6 S Range _____ 18 W County ROOKS State KANSAS
Test Approved By LOGAN WALKER Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 3194 ft. to 3304 ft. Total Depth 3304 ft.
Packer Depth 3189 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3194 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3181 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 3196 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 7.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 1,000 P.P.M. Drill Pipe Length 3024 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 110 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (91' DP) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, INCREASE TO 1 1/4" (NO BB)
2nd Open: VWSB, INCREASE TO 1/4" (NO BB)

Recovered 25 ft. of VSOSDM 100% MUD W/ A THIN SCUM OF OIL, SLIGHT ODOR
Recovered 25 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks:	Price Job
	Other Charges
	Insurance
	Total

TOOL SAMPLE: 100% MUD W/ A VERY THIN SCUM OF OIL

Time Set Packer(s) 9:45 P.M. ^{A.M.} P.M. Time Started Off Bottom 11:45 P.M. ^{A.M.} P.M. Maximum Temperature 94°F
Initial Hydrostatic Pressure..... (A) 1532 P.S.I.
Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 21 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 770 P.S.I.
Final Flow Period..... Minutes 30 (E) 22 P.S.I. to (F) 29 P.S.I.
Final Closed In Period..... Minutes 30 (G) 761 P.S.I.
Final Hydrostatic Pressure..... (H) 1522 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	M676
Well Name	BETTY #2-12	Representative	MIKE COCHRAN
Unique Well ID	DST#4 3194-3304 LANSING H,I,J,K,L	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.12-6S-18W ROOKS CO.KS.	Report Date	2014/07/17
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	LOGAN WALKER
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#4 3194-3304 LANSING H,I,J,K,L		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/07/16	Start Test Time	19:25:00
Final Test Date	2014/07/17	Final Test Time	04:15:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks **RECOVERED:**
25' VSOSDM 100% MUD W/ A THIN SCUM OF OIL, SLIGHT ODOR
25' TOTAL FLUID

TOOL SAMPLE: 100% MUD W/ A VERY THIN SCUM OF OIL

BETTY #2-12

