



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BTTY2-12DST2

TIME ON: 2350 (7/14)
TIME OFF: 0700 (7/15)

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 TORONTO LANSING A,B,D Effective Pay _____ Ft. Ticket No. M674
Date 7/15/2014 Sec. 12 Twp. _____ 6 S Range _____ 18 W County ROOKS State KANSAS
Test Approved By LOGAN WALKER Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 3034 ft. to 3130 ft. Total Depth 3130 ft.
Packer Depth 3029 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3034 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3021 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 3036 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 60 Drill Collar Length 143 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 6.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 600 P.P.M. Drill Pipe Length 2864 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 96 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (60' DP) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: SSB, BUILT TO 11 1/2" (NO BB)
2nd Open: GSB, BOB 33 MIN (1" BB)

Recovered 275 ft. of GIP GRAVITY: 37.3 @ 60°
Recovered 66 ft. of CO 100% OIL
Recovered 114 ft. of GOCM 12% GAS, 32% OIL, 56% MUD
Recovered 180 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>4% GAS, 81% OIL, 15% MUD</u>	Total

Time Set Packer(s) 1:30 A.M. A.M. P.M. Time Started Off Bottom 4:30 A.M. A.M. P.M. Maximum Temperature 96°F

Initial Hydrostatic Pressure..... (A) 1440 P.S.I.
Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 57 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1051 P.S.I.
Final Flow Period..... Minutes 45 (E) 63 P.S.I. to (F) 80 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1032 P.S.I.
Final Hydrostatic Pressure..... (H) 1436 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	M674
Well Name	BETTY #2-12	Representative	MIKE COCHRAN
Unique Well ID	DST#2 3034-3130 TORONTO LANSING A,B,D	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.12-6S-18W ROOKS CO.KS.	Report Date	2014/07/15
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	LOGAN WALKER
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 3034-3130 TORONTO LANSING A,B,D		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/07/14	Start Test Time	23:50:00
Final Test Date	2014/07/15	Final Test Time	07:00:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:

275' GIP
66' CO 100% OIL
114' GOCM 12% GAS, 32% OIL, 56% MUD
180' TOTAL FLUID

GRAVITY: 37.3 @ 60 DEG

TOOL SAMPLE: 4% GAS, 81% OIL, 15% MUD

BETTY #2-12

