



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BTTY2-12DST3

TIME ON: 1925 (7/15)
TIME OFF: 0305 (7/16)

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 F/G Effective Pay _____ Ft. Ticket No. M675
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. 3 Interval Tested from 3130 ft. to 3200 ft. Total Depth 3200 ft.
Packer Depth 3125 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3130 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3117 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 3132 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 55 Drill Collar Length 143 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 6.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 1,000 P.P.M. Drill Pipe Length 2960 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 70 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, INC. TO 2" (NO BB)
2nd Open: VWSB, INC. TO 3" (NO BB)

Recovered 30 ft. of GIP GRAVITY: 33.4 @ 60°
Recovered 33 ft. of CO 100% OIL
Recovered 77 ft. of GOCM 10% GAS, 33% OIL, 57% MUD
Recovered 110 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>2% GAS, 26% OIL, 72% MUD</u>	Total

Time Set Packer(s) 10:00 P.M. A.M. P.M. Time Started Off Bottom 1:00 A.M. A.M. P.M. Maximum Temperature 96°F

Initial Hydrostatic Pressure..... (A) 1484 P.S.I.
Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 32 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 912 P.S.I.
Final Flow Period..... Minutes 45 (E) 36 P.S.I. to (F) 56 P.S.I.
Final Closed In Period..... Minutes 60 (G) 885 P.S.I.
Final Hydrostatic Pressure..... (H) 1484 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	M675
Well Name	BETTY #2-12	Representative	MIKE COCHRAN
Unique Well ID	DST#3 3130-3200 LANSING F/G	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.12-6S-18W ROOKS CO.KS.	Report Date	2014/07/16
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	LOGAN WALKER
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 3130-3200 LANSING F/G		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/07/15	Start Test Time	19:25:00
Final Test Date	2014/07/16	Final Test Time	03:05:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:

30' GIP
33' CO 100% OIL
77' GOCM 10% GAS, 33% OIL, 57% MUD
110' TOTAL FLUID

GRAVITY: 33.4 @ 60 DEG

TOOL SAMPLE: 2% GAS, 26% OIL, 72% MUD

L.D. DRILLING, INC.
DST#3 3130-3200 LANSING F/G
Start Test Date: 2014/07/15
Final Test Date: 2014/07/16

BETTY #2-12
Formation: DST#3 3130-3200 LANSING F/G
Pool: WILDCAT
Job Number: M675

BETTY #2-12

