



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: APCBTTY1-27DST1

TIME ON: 0645  
TIME OFF: 1345

Company MULL DRLG CO. INC. Lease & Well No. APC-BETTY #1-27  
Contractor MURPHIN 20 Charge to MULL DRLG CO. INC.  
Elevation KB Formation LANSING J Effective Pay \_\_\_\_\_ Ft. Ticket No. M600  
Date 1/16/2014 Sec. 27 Twp. 16 S Range 45 W County CHEYENNE State KANSAS  
Test Approved By PHIL ASKEY Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 4326 ft. to 4340 ft. Total Depth 4340 ft.

Packer Depth 4321 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4326 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4308 ft. Recorder Number 0063 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) 4328 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 184 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 3,200 P.P.M. Drill Pipe Length 4117 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number NA Test Tool Length 25 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 14 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: A WEAK INTERMITTENT SB INCREASING TO 1/2" (NO BB)

2nd Open: AFTER 1 MIN A WEAK INTERMITTENT SURFACE BLOW THROUGHOUT FINAL FLOW (NO BB)

Recovered ~25 ft. of GSOCWM 1% GAS, 6% EMULSIFIED OIL, 3% WTR, 90% MUD

Recovered ~25 ft. of TOTAL FLUID

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

Recovered \_\_\_\_\_ ft. of CHLOR: 5,000 PPM

Recovered \_\_\_\_\_ ft. of RW: .95 @ 70 DEG

Recovered \_\_\_\_\_ ft. of PH: 10.0

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

TOOL SAMPLE: 1% GAS, 6% CLEAN OIL 27% WTR, 66% MUD SLIGHT SULFURY ODOR

Time Set Packer(s) 9:10 A.M. A.M. P.M. Time Started Off Bottom 11:15 A.M. A.M. P.M. Maximum Temperature 135°F

Initial Hydrostatic Pressure..... (A) 2048 P.S.I.

Initial Flow Period..... Minutes 5 (B) 7 P.S.I. to (C) 11 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 1049 P.S.I.

Final Flow Period..... Minutes 30 (E) 15 P.S.I. to (F) 24 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1050 P.S.I.

Final Hydrostatic Pressure..... (H) 2032 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	MULL DRLG CO. INC.	Job Number	M600
Well Name	APC-BETTY #1-27	Representative	MIKE COCHRAN
Unique Well ID	DST#1 4326-4340 LANSING J	Well Operator	MULL DRLG CO. INC.
Surface Location	SEC.27-16S-45W CHEYENNE CO.CO.	Report Date	2014/01/16
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	PHIL ASKEY
	Test Unit		NO. 3

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 4326-4340 LANSING J		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/01/16	Start Test Time	06:45:00
Final Test Date	2014/01/16	Final Test Time	13:45:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

### Test Results

Remarks RECOVERED:  
~25' GSOCWM 1% GAS, 6% EMULSIFIED OIL, 3% WTR, 90% MUD  
~25' TOTAL FLUID

CHLOR: 5,000 PPM  
PH:10.0  
RW: .95 @ 70 DEG

TOOL SAMPLE: 1% GAS, 6% CLEAN OIL 27% WTR, 66% MUD SLIGHT SULFURY ODOR

MULL DRLG CO. INC.  
DST#1 4326-4340 LANSING J  
Start Test Date: 2014/01/16  
Final Test Date: 2014/01/16

APC-BETTY #1-27  
Formation: DST#1 4326-4340 LANSING J  
Pool: WILDCAT  
Job Number: M600

## APC-BETTY #1-27

