



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

TIME ON: 1055
TIME OFF: 1815

Company MULL DRLG CO. INC. Lease & Well No. APC-BETTY #1-27
Contractor MURPHIN 20 Charge to MULL DRLG CO. INC.
Elevation _____ Formation LANSING L & PLEASANTON Effective Pay _____ Ft. Ticket No. M601
Date 1/17/2014 Sec. 27 Twp. 16 S Range 45 W County CHEYENNE COLORADO State KANSAS
Test Approved By PHIL ASKEY Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 4419 ft. to 4484 ft. Total Depth 4484 ft.

Packer Depth 4414 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4419 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4401 ft. Recorder Number 0063 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) 4421 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 9.2 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 3,000 P.P.M. Drill Pipe Length 4208 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number NA Test Tool Length 27 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 65 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 VERY WEAK INTERMITTENT SURFACE BLOW (NO BB)

2nd Open: A FEW INTERMITTENT BUBBLES THEN NO BLOW (NO BB)

Recovered 62 ft. of GSOSM 2% GAS, 2% EMULSIFIED OIL, 96% MUD

Recovered 62 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% GAS, 1% EMULSIFIED OIL, TRACE OF WTR, ~96% MUD, SLIGHT ODOR

Total

Time Set Packer(s) 1:55 P.M. A.M. P.M. Time Started Off Bottom 4:00 P.M. A.M. P.M. Maximum Temperature 131°F

Initial Hydrostatic Pressure..... (A) 2032 P.S.I.

Initial Flow Period..... Minutes 5 (B) 10 P.S.I. to (C) 17 P.S.I.

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

Final Flow Period..... Minutes 30 (E) 22 P.S.I. to (F) 51 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1013 P.S.I.

Final Hydrostatic Pressure..... (H) 2007 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	M601
Well Name	APC-BETTY #1-27	Representative	MIKE COCHRAN
Unique Well ID	DST#2 4419-4484 LANSING L & PLEASANTON	Well Operator	MULL DRLG CO. INC.
Surface Location	SEC.27-16S-45W CHEYENNE CO.CO.	Report Date	2014/01/17
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	PHIL ASKEY
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 4419-4484 LANSING L & PLEASANTON		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/01/17	Start Test Time	10:55:00
Final Test Date	2014/01/17	Final Test Time	18:15:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks **RECOVERED:**
65' GSOSM 2% GAS, 2% EMULSIFIED OIL, 96% MUD
65' TOTAL FLUID

TOOL SAMPLE: 1% GAS, 1% EMULSIFIED OIL, TRACE OF WTR, ~96% MUD, SLIGHT ODOR

MULL DRLG CO. INC.
DST#2 4419-4484 LANSING L & PLEASANTON
Start Test Date: 2014/01/17
Final Test Date: 2014/01/17

APC-BETTY #1-27
Formation: DST#2 4419-4484 LANSING L & PLEASANTON
Pool: WILDCAT
Job Number: M601

APC-BETTY #1-27

