

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	MULL DRLG CO. INC.	Job Number	M602
Well Name	APC-BETTY #1-27	Representative	MIKE COCHRAN
Unique Well ID		Well Operator	MULL DRLG CO. INC.
Surface Location	SEC.27-16S-45W CHEYENNE CO.CO.	Report Date	2014/01/18
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	PHIL ASKEY
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation			
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/01/18	Start Test Time	05:10:00
Final Test Date	2014/01/18	Final Test Time	14:45:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
184' GOCWM 16% GAS, 6% EMULSIFIED OIL, 2% WTR, 76% MUD
184' TOTAL FLUID

CHLOR: 9,000 PPM
PH:7.0
RW: .80 @ 65 DEG

TOOL SAMPLE: 3% GAS,5% CLEAN OIL, 16% EMULSIFIED OIL, 6% WTR, 70% MUD

DIAMOND TESTING

P.O. Box 157

TIME ON: 0510

HOISING

Ft. Ticket No.

Elevation

Formation

Effective Pay

State KANSAS

Date

Sec.

Twp.

S Range

W County

Test Approved By

APCBTTY1-27DST3

Diamond Representative

KANSAS 67544

MULL DRILL CO. INC.

7313

MURFIN TIME OFF:

ST TICKET

MARMATON

APC-BTTY #1-27
MULL DRILL CO. INC.

HOISINGTON, K

(800) 542

DRILL-STEM T

FILE: M602

Base & Well No. 1/18/2014

27

16

Company

45

CHEYENNE COLORADO

PHIL ASKEY

Contractor

MIKE COCHRAN

Formation Test No. 3 Interval Tested from 4481 ft. to 4540 ft. Total Depth 4540 ft.

Packer Depth 4476 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4481 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4470 ft. Recorder Number 0063 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) 4483 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 4272 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 59 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 1 1/2" (NO BB)

2nd Open: WSB, INC TO 10" (NO BB)

Recovered 184 ft. of GOCWM 16% GAS, 6% EMULSIFIED OIL, 2% WTR, 76% MUD

Recovered 184 ft. of TOTAL FLUID

Recovered ft. of

Recovered ft. of CHLOR: 9,000 PPM

Recovered ft. of RW: .80 @ 65 DEG

P.M. Maximum Temperature H: 7.0

Time Set Packer(s) P.M. Price Job Time Started Off Bottom

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

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

TOOL SAMPLE: 3% GAS, 5% CLEAN OIL, 16% EMULSIFIED OIL, 6% WTR, 70% MUD Initial Closed In Period..... Minutes (D)

P.S.I. to (F) 8:25 A.M. Final Flow Period..... Minutes (E) 137°F

P.S.I. Final Closed In Period..... Minutes (G) 2014

P.S.I. Final Hydrostatic Pressure..... (H)

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 shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made

60

42

83

120

1077

Other Charges

Insurance

Total

Recovered ft. of

Remarks:

A.M.

Time

A.M.

APC-BETTY #1-27

