



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: SMY1-5DST3

TIME ON: 0835
TIME OFF: 1425

Company MULL DRLG CO. INC. Lease & Well No. SOMY #1-5
Contractor WW RIG 10 Charge to MULL DRLG CO. INC.
Elevation 2470 KB Formation CHEROKEE SAND Effective Pay _____ Ft. Ticket No. M536
Date 8/29/2013 Sec. 5 Twp. _____ 17 S Range _____ 24 W County NESS State KANSAS
Test Approved By KEVIN L. KESSLER Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 4380 ft. to 4470 ft. Total Depth 4470 ft.
Packer Depth 4375 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.
Packer Depth 4380 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4362 ft. Recorder Number 0063 Cap. 3603 P.S.I.
Bottom Recorder Depth (Outside) 4467 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 56 Drill Collar Length 124 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,300 P.P.M. Drill Pipe Length 4224 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 90 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (64'DP) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, INC. TO 1/2 " NO BB
2nd Open: A VWSB DIMINISHING UNTIL DEAD AT ~ 10 MIN NO BB

Recovered ~10 ft. of DM 100% MUD
Recovered ~10 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: _____	Price Job
_____	Other Charges
_____	Insurance
TOOL SAMPLE: <u>100% MUD W/ SOME SPOTS OF OIL</u>	Total

Time Set Packer(s) 10:20 A.M. ^{A.M.} P.M. Time Started Off Bottom 12:25 P.M. ^{A.M.} P.M. Maximum Temperature 114

Initial Hydrostatic Pressure..... (A) 2140 P.S.I.
Initial Flow Period..... Minutes 5 (B) 34 P.S.I. to (C) 36 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1080 P.S.I.
Final Flow Period..... Minutes 30 (E) 39 P.S.I. to (F) 41 P.S.I.
Final Closed In Period..... Minutes 60 (G) 767 P.S.I.
Final Hydrostatic Pressure..... (H) 2137 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	M536
Well Name	SOMY #1-5	Representative	MIKE COCHRAN
Unique Well ID	DST#3 4380-4470 CHROKEE SAND	Well Operator	MULL DRLG CO. INC.
Surface Location	SEC.5-17S-24W NESS CO.KS.	Report Date	2013/08/29
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KEVIN L. KESSLER
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 4380-4470 CHROKEE SAND		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/08/29	Start Test Time	08:35:00
Final Test Date	2013/08/29	Final Test Time	14:25:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
~10' DM 100% MUD
~10' TOTAL FLUID

TOOL SAMPLE: 100% MUD W/ SOME SPOTS OF OIL

MULL DRLG CO. INC.
DST#3 4380-4470 CHROKEE SAND
Start Test Date: 2013/08/29
Final Test Date: 2013/08/29

SOMY #1-5
Formation: DST#3 4380-4470 CHROKEE SAND
Pool: WILDCAT
Job Number: M536

SOMY #1-5

