



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: SMY1-5DST2

TIME ON: 2040 (8/28)
 TIME OFF: 0300 (8/29)

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. M535
 Date 8/28/2013 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. 2 Interval Tested from 4375 ft. to 4460 ft. Total Depth 4460 ft.
 Packer Depth 4370 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.
 Packer Depth 4375 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 4357 ft. Recorder Number 0063 Cap. 3603 P.S.I.
 Bottom Recorder Depth (Outside) 4457 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 51 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 4219 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 85 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, INCREASED TO 1/4" (NO BB)
 2nd Open: NO BLOW, FLUSH TOOL, A FEW BUBBLES THEN NO BLOW (NO BB)

Recovered <u>5</u> ft. of <u>DM 100% MUD</u>	Price Job Other Charges Insurance Total
Recovered <u>5</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	
TOOL SAMPLE: 100% MUD W/ SOME GASSY BUBBLES AND A FEW SPOTS OF OIL	

Time Set Packer(s) 10:15 P.M. ^{A.M.} P.M. Time Started Off Bottom 12:20 A.M. ^{A.M.} P.M. Maximum Temperature 116
 Initial Hydrostatic Pressure..... (A) 2134 P.S.I.
 Initial Flow Period..... Minutes 5 (B) 26 P.S.I. to (C) 27 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 485 P.S.I.
 Final Flow Period..... Minutes 30 (E) 28 P.S.I. to (F) 36 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 312 P.S.I.
 Final Hydrostatic Pressure..... (H) 2129 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	M535
Well Name	SOMY #1-5	Representative	MIKE COCHRAN
Unique Well ID	DST#2 4375-4460 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#2 4375-4460 CHROKEE SAND		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/08/28	Start Test Time	20:40:00
Final Test Date	2013/08/29	Final Test Time	03:00:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
5' DM 100% MUD
5' TOTAL FLUID

TOOL SAMPLE: 100% MUD W/ SOME GASSY BUBBLES AND A FEW SPOTS OF OIL

MULL DRLG CO. INC.
DST#2 4375-4460 CHROKEE SAND
Start Test Date: 2013/08/28
Final Test Date: 2013/08/29

SOMY #1-5
Formation: DST#2 4375-4460 CHROKEE SAND
Pool: WILDCAT
Job Number: M535

SOMY #1-5

