



Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Mull Drilling Co. Inc.	Well Name	Foos Trust Unit #1-27
Well Operator	Mull Drilling Co. Inc.	Unique Well ID	DST #1 Ft. Scott & Cherokee 4270'-4315'
Contact	Mark Shreve	Surface Location	Sec 27-17s-23w-Ness Co.-KS
Site Contact	Kevin Kessler	Test Unit	#5
Field	Wildcat	Pool	Wildcat
Well Type	Vertical	Job Number	F144
Prepared By	Jake Fahrenbruch	Qualified By	Kevin Kessler

Test Information

Test Type	Conventional Bottom-Hole	Test Purpose	Initial Test
Formation	Ft. Scott & Cherokee 4270'-4315'	Gauge Name	0062
Start Test Date	2013/07/02	Start Test Time	12:00:00
Final Test Date	2013/07/02	Final Test Time	18:05:00

Test Results

5 minute initial flow period:	Surface blow.
30 minute initial shut-in period:	No blow.
30 minute final flow period:	Surface blow, blow died in 8 minutes.
60 minute final shut-in period:	No blow.

Recovered: 2' of Drilling Mud 100% mud

Pressures:

IHP:	2091
IFP:	11-11
ISIP:	155
FFP:	12-13
FSIP:	67
FHP:	2090

Bottom-Hole Temperature: 117 Deg F



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: foostrustunit1dst1

TIME ON: on loc. 09:00, batt. on 12:00
TIME OFF: 18:05

Company Mull Drilling Co. Inc. Lease & Well No. Foos Trust Unit #1-27
Contractor WW Drilling Co., Rig #10 Charge to Mull Drilling Co. Inc.
Elevation 2377' KB Formation Ft. Scott & Cherokee Effective Pay _____ Ft. Ticket No. F144
Date 7.2.2013 Sec. 27 Twp. _____ 17 S Range _____ 23 W County _____ Ness State KANSAS
Test Approved By Kevin Kessler Diamond Representative Jake Fahrenbruch

Formation Test No. 1 Interval Tested from 4270 ft. to 4315 ft. Total Depth 4315 ft.
Packer Depth 4265 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4270 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4249 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4312 ft. Recorder Number 11033 Cap. 5,150 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 52 Drill Collar Length 124 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 9.2 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 6200 P.P.M. Drill Pipe Length 4113 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #5 w/safety joint Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 45 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 11' perf in anchor Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Surface blow.
2nd Open: Surface blow, blow died in 8 minutes.

Recovered 2 ft. of Drilling Mud 100% mud
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: _____
Tool Sample: 100% mud

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 14:15 A.M. P.M. Time Started Off Bottom 16:20 A.M. P.M. Maximum Temperature 117 Deg F
Initial Hydrostatic Pressure..... (A) 2091 P.S.I.
Initial Flow Period..... Minutes 5 (B) 11 P.S.I. to (C) 11 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 155 P.S.I.
Final Flow Period..... Minutes 30 (E) 12 P.S.I. to (F) 13 P.S.I.
Final Closed In Period..... Minutes 60 (G) 67 P.S.I.
Final Hydrostatic Pressure..... (H) 2090 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.

Mull Drilling Co. Inc.
DST #1 Ft. Scott & Cherokee 4270'-4315'
Start Test Date: 2013/07/02
Final Test Date: 2013/07/02

Foos Trust Unit #1-27
Formation: Ft. Scott & Cherokee 4270'-4315'
Pool: Wildcat
Job Number: F144

Foos Trust Unit #1-27

