



Diamond Testing General Report

**JAKE
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P.O. Box 157
Hoisington KS 67544
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General Information

Company Name	Mull Drilling Co Inc	Well Name	Food Trust Unit #1-27
Well Operator	Mull Drilling Co inc	Unique Well ID	DST #3 Mississippian 4405'-4415'
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	F146
Prepared By	Jake Fahrenbruch	Qualified By	Kevin Kessler

Test Information

Test Type	Conventional Bottom-Hole	Test Purpose	Initial Test
Formation	Mississippian 4405'-4415'	Gauge Name	0062
Start Test Date	2013/07/03	Start Test Time	15:03:00
Final Test Date	2013/07/03	Final Test Time	20:40:00

Test Results

5 minute initial flow period:	Very weak surface blow.
30 minute initial shut-in period:	No blow.
30 minute final flow period:	No blow.
60 minute final shut-in period:	No blow.

Recovered:	3' of OSM	2% oil, 98% mud
	Tool Sample:	OSM 2% oil, 98% mud

Pressures:	IHP:	2172
	IFP:	9-11
	ISIP:	1363
	FFP:	12-19
	FSIP:	1277
	FHP:	2169

Bottom-Hole Temp: 114 Deg F



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: foostrustunit1dst3

TIME ON: on loc. 15:00, batt. on 15:03
TIME OFF: 20:40

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 Mississippian Effective Pay _____ Ft. Ticket No. F146
Date 7.3.2013 Sec. 27 Twp. _____ 17 S Range _____ 23 W County _____ Ness State KANSAS
Test Approved By Kevin Kessler Diamond Representative Jake Fahrenbruch

Formation Test No. 3 Interval Tested from 4405 ft. to 4415 ft. Total Depth 4415 ft.
Packer Depth 4400 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4405 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4384 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4412 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 50 Drill Collar Length 124 ft. I.D. 2 1/4 in.
Weight 9.5 Water Loss 10.4 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 6000 P.P.M. Drill Pipe Length 4248 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 10 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: Very weak surface blow.
2nd Open: No blow.

Recovered <u>3</u> ft. of OSM	<u>2% oil, 98% mud</u>
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Tool Sample: OSM</u>	<u>2% oil, 98% mud</u>
	Insurance
	Total

Time Set Packer(s) 16:37 A.M. P.M. Time Started Off Bottom 18:42 A.M. P.M. Maximum Temperature 114 Deg F
Initial Hydrostatic Pressure..... (A) 2172 P.S.I.
Initial Flow Period..... Minutes 5 (B) 9 P.S.I. to (C) 11 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1363 P.S.I.
Final Flow Period..... Minutes 30 (E) 12 P.S.I. to (F) 19 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1277 P.S.I.
Final Hydrostatic Pressure..... (H) 2169 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 #3 Mississippian 4405'-4415'
Start Test Date: 2013/07/03
Final Test Date: 2013/07/03

Food Trust Unit #1-27
Formation: Mississippian 4405'-4415'
Pool: Wildcat
Job Number: F146

Food Trust Unit #1-27

