

STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION SECTION OF OIL AND GAS

WELL WORK PERMIT

This permit, issued to PERKINS OIL & GAS, INC.
is evidence of permission granted to perform the specified well
work at the location described on the attached plat, subject to
the provisions of Chapter 22 of the West Virginia Code of
1931, as amended, and all rules and regulations promulgated
thereunder, and to all conditions and provisions outlined in the
pages attached hereto. Notification shall be given to the Oil
and Gas Inspector RANDAL MICK at 304-986-3324 prior to
the construction of roads, locations, and/or pits for any
permitted work. In addition, the well operator shall notify the
same inspector 24 hours before any actual well work is commenced
and prior to running and cementing casing. Spills or emergency
discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and in addition may result in civil and/or criminal penalties.

Well work to be conducted under this permit shall be commenced within two (2) years from date of issue.

Theodore M. Streit Chief

By: THI AB

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Operator's Well No: MUFFANY #6

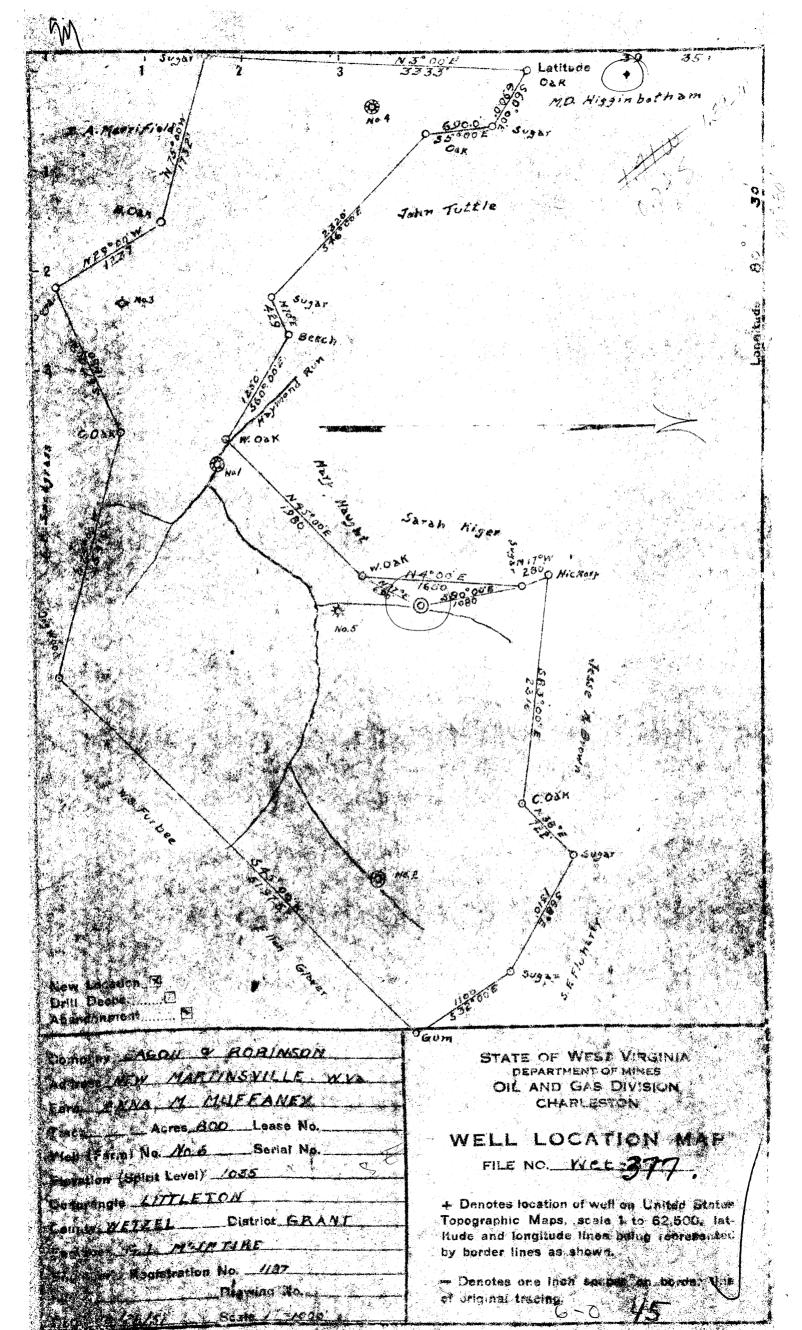
Farm Name: MUFFANY, ANNA M.

API Well Number : 47-103-0377

Date Issued - 04/18/95 /0/28/5/

Expires two (2) years from issue date.

NO Well Record



Grant District, Wetzel County, W. Va.

By Eagon-Robinson Oil & Gas O., John H. Robinson.

Drilled under permit Wet-377.

Elevation, 1035' L.

On \$00 acres.

Located 0.25 mi. S. of 39° 35' and 1.4 mi. W. of 80° 50' - SE - Litleton Quadrangle.

Drilling commenced Oct. 11, 1951; completed July 26, 1952.

Record to RCT from John H. Robinson Jan. 18, 1955.

	Top.	Bottom.
Mapletown (Sewickley) Coal	670	- 675
Pitts burgh Coal	761	- 767
Murphy Sand		- 920
Little Dunkard Sand		- 1170
Zig Dunkard Sand		- 1300
√Cas Sand		- 1500
First Salt Sand		- 1670
(Half full water, 1650')		,_
Second Salt Sand	1720	- 1800
Maxton Sand		- 1880
Whittle Lime		- 1967
Pencil Cave		- 1979
Øig Lime		- 2044
Wig Injun Sand (show gas, 2072')		- 2264
Volantz or 50-Ft. Sand		- 2630 ₹
ink rock		- 2662
Gordon Sand (show of gas, 2910)		- 2918
Fifth Sand (show of gas, 3023')		- 3027
Bayard Sand		- 3190
Total depth	7404	
casem askam		3197