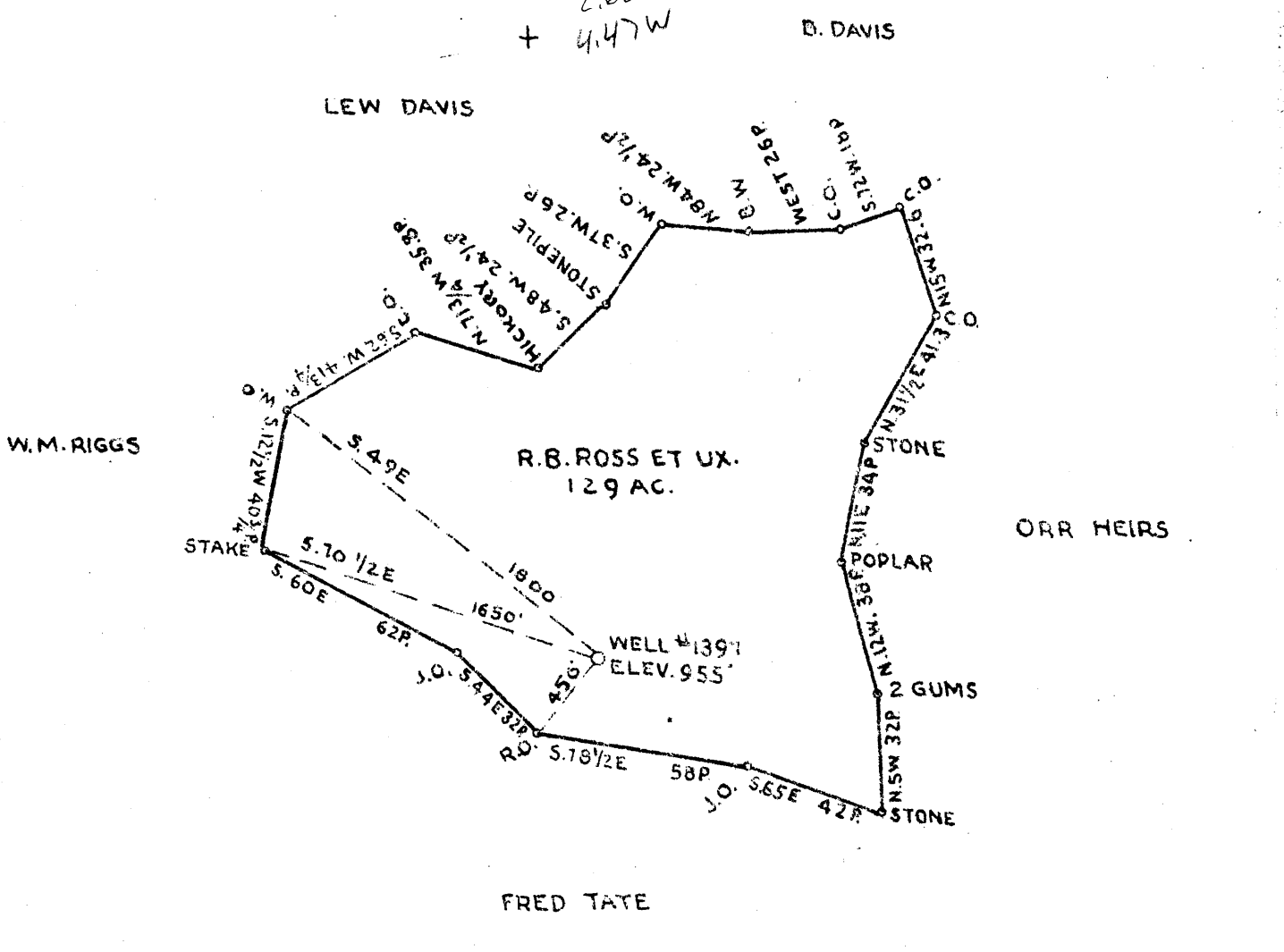


M

LATITUDE 39 20

LONGITUDE 80 35

+ 2.62 S
4.47 W



7.5' loc
 246 S 30 20
 0,16 W 80 40
 45' caper 200' 9/15/68

TRACT OWNED BY VIRGINIA TETRICK

- NEW LOCATION
- WELL DEEPER
- ABANDONMENT

COMPANY THE MANUFACTURERS LIGHT AND HEAT CO.
 ADDRESS 800 UNION TRUST BLDG. PITTSBURGH PA.
 FARM R.B. ROSS
 TRACT ACRES 129 LEASE NO. 2788
 WELL (FARM) NO. 1 SERIAL NO. 1397
 ELEVATION SPIRIT LEVEL 955'
 QUADRANGLE CENTERPOINT
 COUNTY DODDRIDGE DISTRICT GRANT
 ENGINEER *R. M. ...*
 ENGINEER'S REGISTRATION NO. _____
 FILE NO. _____ DRAWING NO. Y-11-67
 DATE SEPTEMBER 15-1944 SCALE 1" = 800'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP

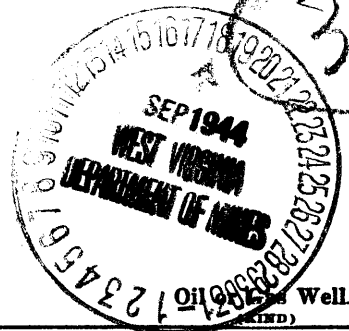
FILE NO. DOD-471-A

• DENOTES LOCATION OF WELL ON U.S. STATES TOPOGRAPHIC MAPS SCALE 1 TO 62 500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINE OF MAP.

• DENOTES ONE INCH SPACES ON BORDER LINE OF MAP.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



471-A

WELL RECORD

Permit No. Drilled in 1909

Company The Manufacturers Light & Heat Co.
Address 800 Union Trust Bldg., Pittsburgh, Pa.
Farm R. B. Ross Acres 130
Location (waters) _____
Well No. 1 - 1397 Elev. 955'
District Grant County Doddridge
The surface of tract is owned in fee by M. E. Ross
200 S. Franklin St. Address Richmond, Ohio
Mineral rights are owned by The Mfrs Light & Heat Company
800 Union Trust Bldg. Address Pittsburgh, Pa.
Drilling commenced 6/19/09
Drilling completed 7/7/09
Date Shot No From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 332 lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water 1582 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			
10	372'		Size of _____
8 1/4	1356'		4 x 6 5/8"
6	1784'	1784'	Depth set _____
5 3/16			1814'
4		1929'	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 430 FEET 60 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal			430	435			
Little Dunkard Sand			740	750			
Big Dunkard Sand			920	960			
Gas Sand			1010	1200			
Salt Sand			1237	1640			
Maxon Sand			1660	1678	Small show of gas at 1594		
Little Lime			1705	1741			
Pencil Cave			1741	1745			
Big Lime			1745	1805			
Big Injun Sand			1805	1900	Small show of gas at 1810		
Slate			1900	1908			
Squaw Sand			1908	1925	Good pay of gas in Squaw Sand at 1910 ft.		
Slate			1925	1929			
Total depth				1929			

