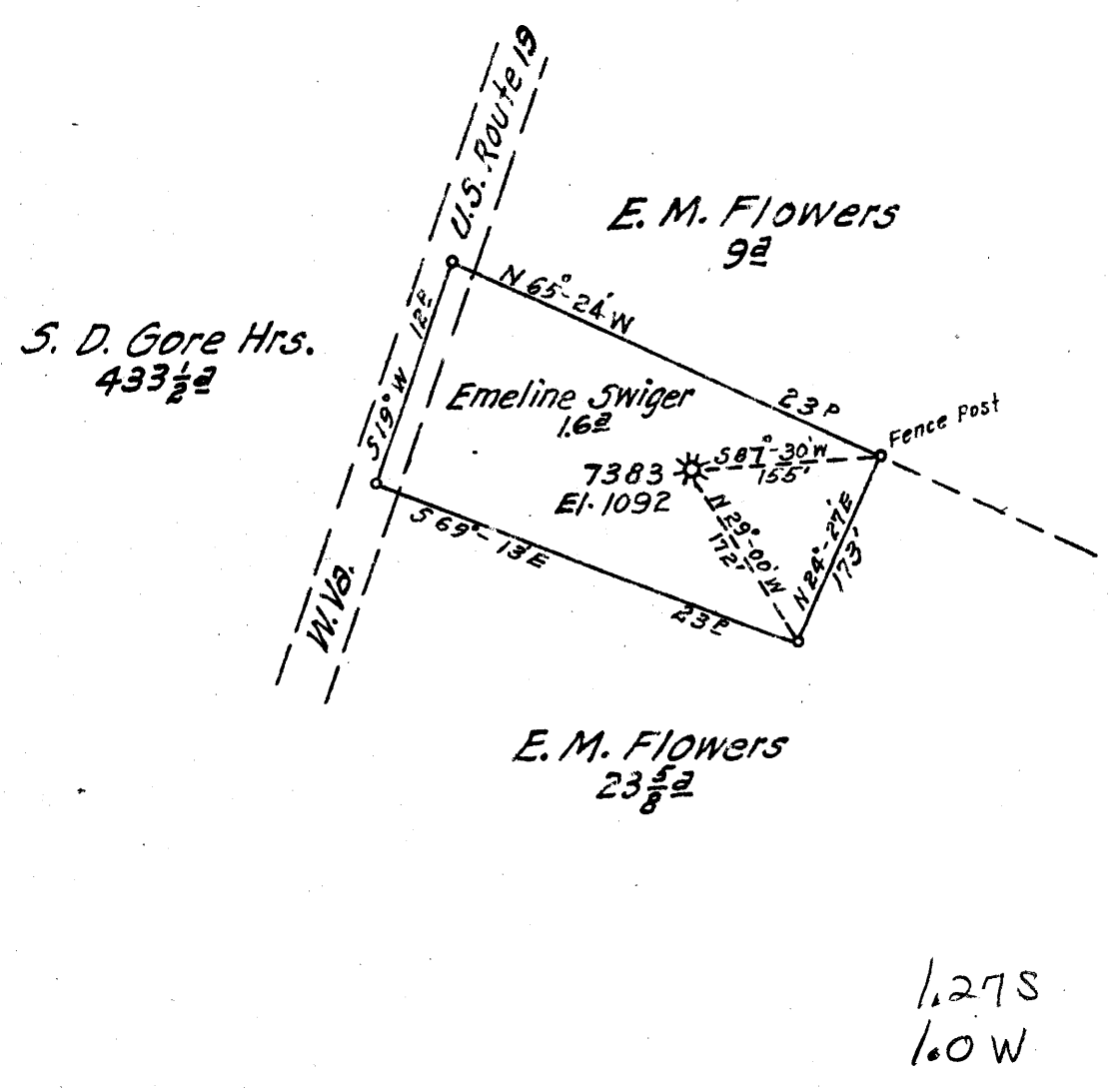




1
2
3



1.27 S
1.0 W

New Location...
 Drill Deeper...
 Abandonment...

Map Sheet 44 - Square S10 E14 - F.B. 522 P13

Company Hope Natural Gas Co.
 Address Clarksburg, W. Va.
 Farm Emeline Swiger
 Tract _____ Acres 16 Lease No. 44578
 Well (Farm) No. 1 Serial No. 7383
 Elevation (Spirit Level) 1792
 Quadrangle Clarksburg
 County Harrison District Coal
 Engineer W. M. Bowers
 Engineer's Registration No. 920
 File No. _____ Drawing No. _____
 Date 6-22-45 Scale 1" = 100'

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

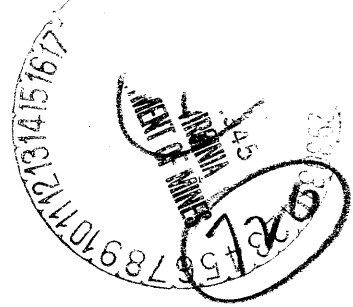
WELL LOCATION MAP
 FILE NO. HAR-870-A

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



WELL RECORD

Permit No. 490-A

~~Oil~~ or Gas Well (KIND)

Company Hope Natural Gas Company.
 Address 445 West Main St. Clarksburg, W. Va.
 Farm Emeline Swiger Acres 16
 Location (waters) (1)
 Well No. 7393 Elev. 1092
 District Coal County Harrison
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced April 18, 1923
 Drilling completed July 18, 1923
 Date Shot _____ From _____ To _____
 With _____
 Open Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water ~~XXXXXXXXXX~~ feet 60 feet
 Salt water ~~XXXXXXXXXX~~ feet 670 875 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			
10	<u>91</u>	<u>91</u>	Size of _____
8 1/4	<u>1049</u>	<u>1049</u>	
6 5/8	<u>1460</u>	<u>1460</u>	Depth set _____
5 3/16	<u>2462</u>	<u>2462</u>	
3			Perf. top _____
2	<u>3142</u>	<u>3142</u>	Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 10" SIZE 91 No. Ft. 1923 Date
 COAL WAS ENCOUNTERED AT 30 FEET 72 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			30	36	water 60'	show gas 80'	
Little Dunkard			355	377			
Big Dunkard			415	505			
First Salt			805	900	water	670	
Second Salt			916	1020	water	875	
Maxon			1195	1228			
Big Lime			1405	1458			
Big Injun			1458	1567			
Hantz			1800	1947	gas	1940	
Fifty foot			1975	2040	Gas	2008	
Thirty foot			2050	2110			
Stray			2220	2245			
Gordon			2268	2300			
Fourth			2335	2356			
Fifth			2417	2444	gas	2422- 2453	
Speechley			3110	3174	gas	3116	
Total depth				3142			