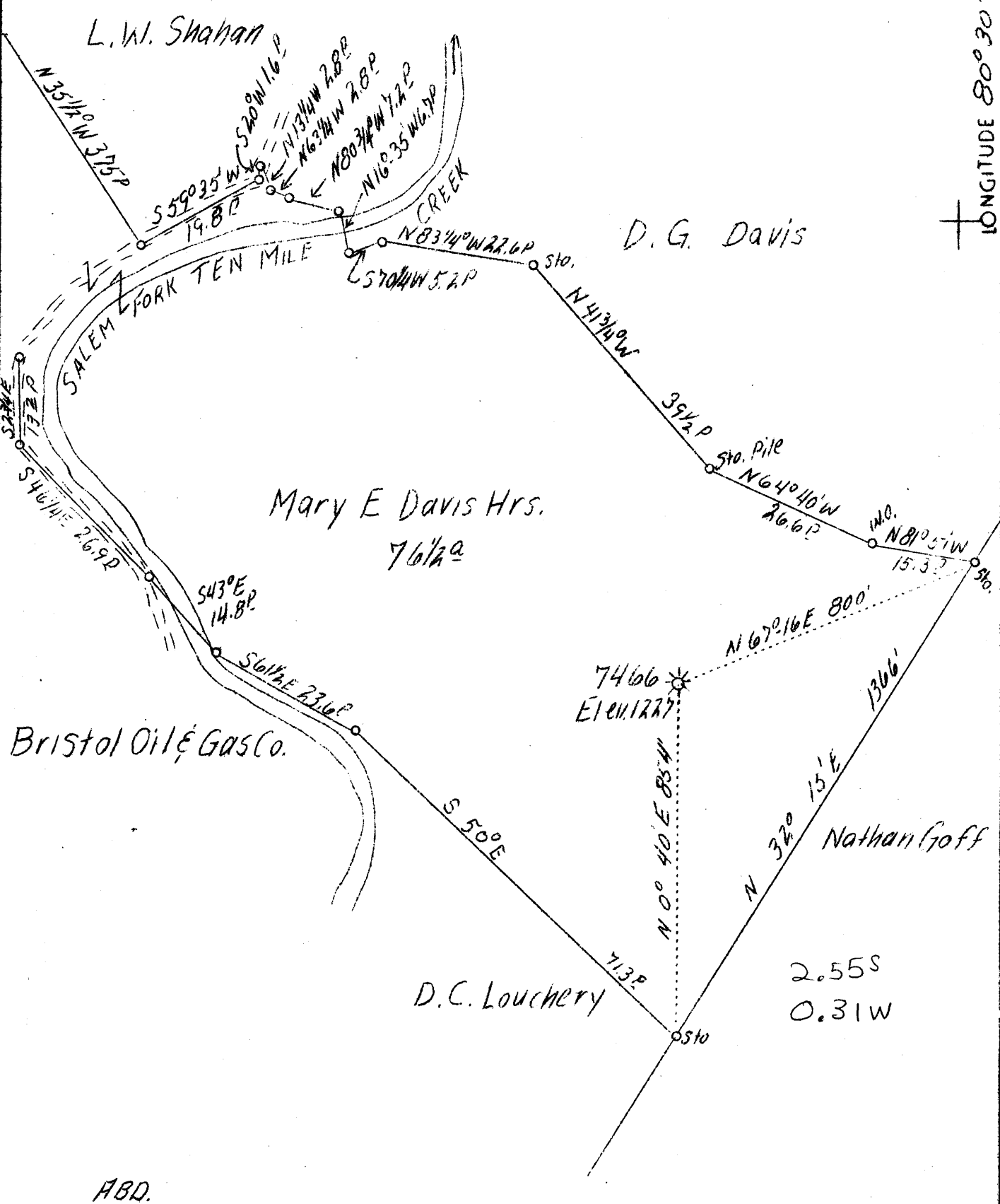


LATITUDE 39° 20'

LONGITUDE 80° 30'



Company Hope Nat'l Gas Co.
 Address Clarksburg, W.Va.
 Farm Mary E. Davis Hrs.
 Acres 76 1/2
 Serial No. 7466
 El.(S. l.) 1227
 Quadrangle Centerpoint
 County Harrison
 District Ten Mile
 Eng. W.M. Bowers
 Eng. Reg. No. 900
 Date 4/11/39
 Scale 1" - 20 Poles

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 Charleston

WELL LOCATION MAP
 File No. Har-477-A

x Denotes location of well on U.S. 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.

Ten Mile District, Harrison County, W. Va.

477A

By Hope Natural Gas Co., 445 W. Main St., Clarksburg, W. Va.

On 76 $\frac{1}{2}$ acres, surface owned by Mary E. Davis Heirs, Bristol, W. Va.;
owner of mineral rights, unknown.

Elevation, 1277' L.

6-5/8" casing, 2048'; 2" tubing, 3078'.

Coal was encountered at 300-304 and 721-728'.

Abandonment reported to Dept. of Mines May 4, 1932.

Well was shot at 2834-2839' and 3030-3033'.

Water not recorded.

Gas well; now exhausted.

	Top.	Bottom.	Thickness.
Native coal	300	- 304	4
Pittsburgh Coal	721	- 728	7
Little Dunkard Sand	1154	- 1165	11
Big Dunkard Sand	1220	- 1275	55
Gas Sand	1295	- 1365	70
First Salt Sand	1390	- 1520	130
Second Salt Sand	1650	- 1760	110
Maxton Sand	1880	- 1950	70
Little Lime	2020	- 2035	15
Pencil Cave	2035	- 2040	5
Big Lime	2040	- 2095	55
Big Injun Sand (show gas, 2160')	2075	- 2165	113
Gantz Sand	2490	- 2528	38
50-Ft. Sand (gas, 2610')	2604	- 2631	27
30-Ft. Sand (gas, 2710')	2700	- 2728	28
Gordon Stray Sand	2753	- 2805	52
Gordon Sand (gas, 2835')	2835	- 2863	28
Fifth Sand (gas, 3031')	3031	- 3032	1
Total depth			3078

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

387

WELL RECORD

Ad 477-A
Permit No. 477-A

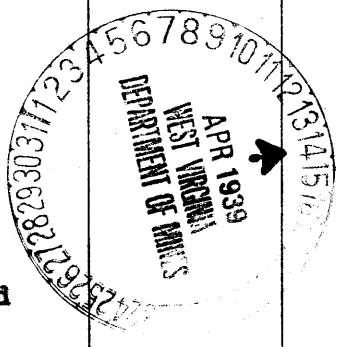
Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm Mary E. Davis, Heirs. Acres 76 1/2
Location (waters) Ten Mile Creek
Well No. 7466 Elev. 1227
District Ten Mile County Harrison
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 10-29-1923
Drilling completed 12-18-1923.
Date shot ? Depth of shot 2959-2166
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water None recorded feet _____ feet
Salt water None recorded feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	384	Pulled	Size of
8 1/4	1241	Pulled	
6 5/8	2048	2048	Depth set
5 3/16			
3	3078	Pulled	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
Not cemented
COAL WAS ENCOUNTERED AT 300 FEET 48 INCHES
721 FEET 84 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Coal			300	304			
Pgh coal			721	728			
Little Dunkard Sand			1154	1165			
Big Dunlard Sand			1220	1275			
Gas Sand			1295	1365			
First Salt Sand			1390	1520			
Second Salt Sand			1665	1760			
Maxon Sand			1880	1950			
Little Lime			2020	2055			
Pencil Cave			2035m	2040			
Big Lime			2040	2095			
Big Injun Sand			2075	2188	Gas	2160	
Weir Sand			2267	2355			
Gantz Sand			2490	2528			
Fifty Foot Sand			2604	2631	Gas	2610	
Thirty Foot Sand			2700	2728	Gas	2710	
Gordon Stray Sand			2753	2805			
Gordon Sand			2835	2863	Gas	2835	
Fifth Sand			3031	3032	Gas	3031	
Total Depth				3078			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date..... April 13,, 19.. 39

APPROVED Hope Natural Gas Company, Owner

By..... [Signature] General Supt. (Title) [Signature]