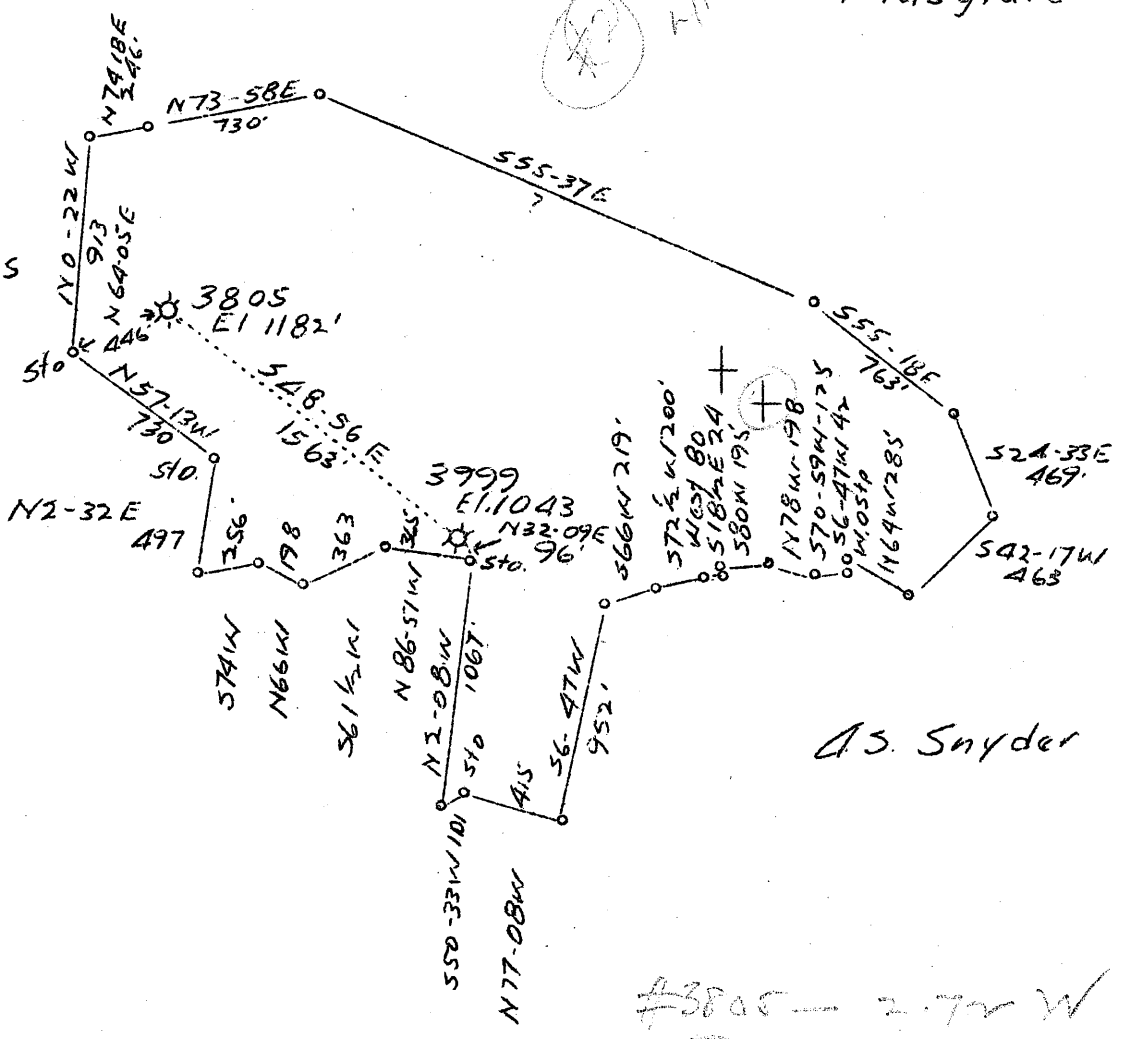


John Musgrave

Rachel & L.J. Musgrave

J.L. Jones

A.S. Snyder



#3805 - 2.7 W
4.4

4.523 - #3999 - 2.5 W
2.48 W
4.52

Abandonment

BK 639 Pg 33

Company	Hope Natural Gas Company
Address	Clarksburg, W. Va.
Farm	E. N. Kerns
Tract	1 Acres 87 Lease No. 26611
Well(Farm) No.	2 Serial No. 3999
Elevation(Spirit Level)	1043
Quadrangle	Blacksville
County	Monongalia District Grant
Engineer	S. H. Bradley
Engineer's Registration No.	135
File No.	Drawing No.
Date	3-16-37 Scale 1"-800

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

WELL LOCATION MAP

File No. MON-153A

+ 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.

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

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WELL RECORD

Permit No. 1194-153A

Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
 Address Clarksburg, W. Va.,
 Farm E. N. Kerns Acres 87
 Location (waters) Big Indian Creek
 Well No. 3999 Elev. 1045
 District Grant County Monongalia
 The surface of tract is owned in fee by.....
 Address.....
 Mineral rights are owned by.....
 Address.....
 Drilling commenced 12-13-1915
 Drilling completed 1-19-1916
 Date shot..... Depth of shot.....
 Open Flow /10ths Water in..... Inch
 /10ths Merc. in..... Inch
 Volume..... Cu. Ft.
 Rock Pressure..... lbs..... hrs.
 Oil..... bbls., 1st 24 hrs.
 Fresh water 80 feet..... feet
 Salt water 1365-1370-1397 feet..... feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer.....
13			
10	420	420	Size of.....
8 1/4	1394	1394	
6 5/8	1666	1666	Depth set.....
5 3/16			
3			Perf. top.....
2	1830	None	Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

CASING CEMENTED 10" SIZE 104 No. FT. 12-31-15 Date
10" casing cemented from bottom 420' to 312'
 COAL WAS ENCOUNTERED AT 353 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			353	358	Water	80'	Fresh
Little Dunkard Sand			715	735			
Big Dunkard Sand			935	995			
First Salt Sand			1165	1225			
Second Salt Sand			1235	1270			
Sand			1325	1425	Water	1365-1370-1397	
Little Lime			1590	1627			
Pencil Cave			1627	1632			
Big Lime			1632	1710			
Big Injun			1710	1820	Gas	1774-1780-1782	
Present total depth			1818				



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

Date March 10, 1937, 19

APPROVED Hops Natural Gas Company, Owner

By [Signature]
(Title) Asst. General

192A

Grant District, Monongalia County, W. Va.
 By Hope Natural Gas Co., Clarkburg, W. Va.
 On 87 acres, on Big Indian Creek.

Elevation, 1043' L.

Drilling commenced 12-13-1915; completed 1-19-1916.

Fresh water at 80'.

Salt water at 1365, 1370, and 1397'.

10" casing, 420'; 8 1/2", 1394'; 6 3/8", 1666'; 2" tubing, 1830'; all left in.
 10" casing cemented, 104' to 12-31-15; 10" casing cemented from bottom
 420' to 312'.

Gas well. Abandonment reported to Dept. of Mines March 16, 1937.

Record to RCF from D. G. Courtney (Dept. of Mines) 5-5-37.

	Top.	Bottom.
Fresh water at 80'.		
Pittsburgh Coal	353	358
Little Dunkard Sand	715	735
Big Dunkard Sand	935	995
First Salt Sand	1165	1225
Second Salt Sand	1235	1270
Sand (water, 1365, 1370, 1397')	1325	1425
Little Lime	1590	1627
Pencil Cove	1627	1638
Big Lime	1632	1710
Big Injun Sand (gas, 1774, 1780, 1792')	1710	1820
Present total depth		1818