

Company Hope Natural Gas Co.
 Address Clarksburg, W. Va.
 Farm E. M. Arbogast
 Tract _____ Acres 362.8 Lease No. 48378
 Well (Farm) No. 1-4-5-8 Serial No. 7658-7661
 Elevation (Spirit Level) 743-777-1285-777
 Quadrangle Madison & Petona-1
 County Boone District Crook
 Engineer Wm Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date Aug. 28-1941 Scale 1" = 600'

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

WELL LOCATION MAP
 FILE NO. B00-516-D

+ 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. B00-516

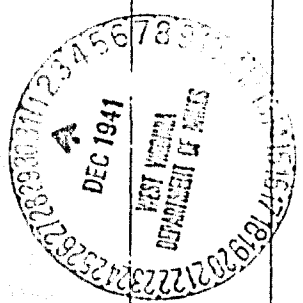
Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm E. M. Arbogast Acres 3628
Location (waters).....
Well No. 7662 Elev. 1285
District Crook County Boone
The surface of tract is owned in fee by.....
Address.....
Mineral rights are owned by.....
Address.....
Drilling commenced Deeper 10-20-41
Drilling completed 12-20-41
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 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.....	20	20	Size of.....
8 3/4.....	575	Pulled	
6 3/4.....	2225	2225	Depth set.....
5 3/16.....			
3.....			Perf. top.....
2.....	3770	Pulled	Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

CASING CEMENTED..... SIZE..... No. Ft..... Date
Not cemented
COAL WAS ENCOUNTERED AT No coal FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
			<u>Drilling Deeper record</u>				
Started drilling deeper at			3764				
Slate & Shell			3764	3790			
7550175517 Slate			3790	3894			
31416 Hard Shell			3894	3914			
Slate			3914	3970			
Shell			3970	3973	Show Gas	in shell	
Slate			3973	4081			
Brown Shale			4081	4172			
Slate			4172	4269			
Brown Shale			4269	4310			
Slate			4310	4340			
Brown Shale			4340	4628	Gas	4565-4572	
Gray Shale			4628	4755			
Brown Shale			4755	4792			
Gray Shale			4792				
Total Depth			-----		4813		
					<u>Will shoot later</u>		



L. O. S.

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
WELL RECORD

Permit No. Boc-516-D
Madison & Peytona Quad.
Company
Address
Farm
Well No.
District
Deeper
Completed

Hope Natural Gas Company
Clarksburg, W. Va.
E. M. Arbogast
7662
Crook
10-20-41
12-20-41

Gas Well

Casing & Tubing
10 20 20
8 1/2 575 Pulled
6-5/8 2225 2225
2 3770 Pulled

DRILLING DEEPER RECORD

JAN 26 1942

Started drilling deeper	3764		
Slate & Shell	3764	3790	
Slate	3790	3894	
Hard Shell	3894	3914	
Slate	3914	3970	
Shell	3970	3973	Show Gas in Shell
Slate	3973	4081	
Brown Shale	4081	4172	
Slate	4172	4269	
Brown Shale	4269	4310	
Slate	4310	4340	
Brown Shale	4340	4628	Gas 4565-4572
Gray Shale	4628	4755	
Brown Shale	4755	4792	
Gray Shale	4792		
Total Depth		4813	

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 576 A-1

Oil or Gas Well Gas
(KIND)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm E. M. Arbogast Acres 3628
Location (waters).....
Well No. 7332 Elev. 1285
District Crook County Boone
The surface of tract is owned in fee by Pond Fork Coal Co.
Address Madison, W. Va.
Mineral rights are owned by.....
Address.....
Drilling commenced 8-22-27
Drilling completed 12-1-27
Date shot 12-2-27 Depth of shot 3660-3715
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 1450 feet..... feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer.....
13			
10	20	20	Size of.....
8 1/4	575	Pulled	
6 1/2	2255	2255	Depth set.....
5 3/16			
3			Perf. top.....
2	3770	3770	Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

CASING CEMENTED..... SIZE..... No. Ft..... Date
Not cemented
COAL WAS ENCOUNTERED AT 40 FEET 43 INCHES
140 FEET 36 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	15			
Sand			15	40			
Coal			40	44			
Slate			44	47			
Sand			47	140			
Coal			140	143			
Slate			143	148			
Sand			148	210			
Slate			210	215			
Sand			215	330			
Slate			330	334			
Sand			334	350			
Slate			350	380			
Sand			380	470			
Slate & Shells			470	550			
Lime			550	580			
Sand			580	660			
Slate			660	680			
Lime			680	770			
Slate			770	800			
Lime			800	825			
Slate			825	840			
Sand			840	890			
Slate			890	980			
Lime			980	1015			
Sand			1015	1060			
Lime			1060	1090			
Sand			1090	1265			
Slate			1265	1360			
Sand			1360	1735			
Slate			1735	1840	Water	1450	
Sand			1840	2005			
Slate			2005	2010			
Red Rock			2010	2020			
Lime			2020	2050			
Slate			2050	2065			
Red Rock			2065	2075			
Slate & Shells			2075	2115			
Black Sand			2115	2140			
Little Lime			2140	2175			
Slate			2175	2190			
Lime			2190	2205			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			2205	2225			
Line			2225	2235			
Pencil Cave			2235	2240			
Big Line			2240	2440	Gas	2295-2300	
Big Injun Sand			2440	2470			
Slate			2470	2490			
Weir Sand & Shells			2490	2660			
Slate & Shells			2660	2805			
Line			2805	2820			
Slate & Shells			2820	2915			
Brown Shale			2915	2927			
Berea Sand			2927	2944			
Line			2944	3050			
Slate & Shells			3050	3661			
Gordon Line Shell			3661	3685	Gas	3671-3675	
Shale			3685	3704			
Line			3704	3714	Gas	3711-3714	
Slate			3714	3764			
Total Depth			3764	3764			

Date August 29, 1941, 194

APPROVED Hope Natural Gas Company, Owner
 By *[Signature]* General Supt.
 (Title)

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

To THE DEPARTMENT OF MINES,
 Charleston, W. Va.

No coal operations in vicinity.
COAL OPERATOR OR COAL OWNER

Hope Natural Gas Company
 445 West Main St. NAMES OF WELL OPERATOR

Clarksburg, W. Va.
COMPLETE ADDRESS

ADDRESS

January 5, 19 42

Pond Fork Coal Co.
COAL OPERATOR OR COAL OWNER

WELL TO BE ABANDONED

Madison, W. Va.
ADDRESS

Crook District

Boone County

LEASE OR PROPERTY OWNER

Well No. 7632

ADDRESS

F. M. Arbogast Farm

Gentlemen:— NOTE: If plugging cannot begin on date specified below, please notify Department of Mines, Oil & Gas Division.

The undersigned well operator is about to abandon the above described well and will commence the

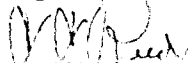
work of plugging and abandoning said well on the 12th day of January, 19 42,
 (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines.)

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,

Hope Natural Gas Company



General Supt.
 Well Operator.

NOTE: Upon the abandonment of all wells drilled prior to June 1, 1929, a plat prepared by a competent engineer, showing the district and county in which the tract of land is located, the name and acreage of same, the names of the owners and adjacent tracts, and the location of the about to be abandoned well, determined by survey, and the courses and distances of such well from two permanent points or landmarks on said tract, shall be submitted with this notice.

(Over)

600-576 PERMIT NUMBER
 60-516-1

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

Pond Fork Coal Co.
COAL OPERATOR OR OWNER
Madison, W. Va.
ADDRESS
COAL OPERATOR OR OWNER
ADDRESS
LEASE OR PROPERTY OWNER
ADDRESS

Hope Natural Gas Company
NAME OF WELL OPERATOR
Clarksburg, W. Va.
COMPLETE ADDRESS
February 9, 1942
WELL AND LOCATION
Crook District
Boone County
Well No. 7662
E. M. Arbogast Farm

STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Boone } ss:

A. H. Meager
E. L. Kuring
Tom Barrett

and Tom Barrett being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Hope Natural Gas Co., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 12th day of January, 1942, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL		PLUGS USED	CASING			
	FORMATION	CONTENT		FROM	TO	CSG PULLED	CSG LEFT IN
	Bridge			3900		10"	
	Clay		3900	3880		20'	
	Bridge			3740			
	Clay		3740	3720		6-5/8"	
	Bridge			3650			
Slate & Shell	Clay		3650	3600	3' Cement Plug		1708'
BIG Line	Clay		2470	2330		6-5/8" casing	
HECK B. Line	Cracked Rock		2330	2280	6" Wood Plug	cemented from	
					(Driven Solid)	6" Lead Plug	2255 to 530
Lime-Slate-Sand	Clay		575	175			
	(Point where 6" Csg. Parted)			530	3' Cement Plug		
Sand-Slate-Coal	Pure Cement		175	120			
Sand	Clay		120	74			
Sand-Slate-Coal	Pure Cement		74	20			
Gravel	Dirt		20	0			
COAL SEAMS				DESCRIPTION OF MONUMENT			
(NAME)	1st.		40	44	6"x10"-5', concrete with Company		
(NAME)	2nd.		140	143	Name and well number inscribed thereon.		
(NAME)							
(NAME)							

and that the work of plugging and filling said well was completed on the 25th day of January, 1942.

And further deponents saith not.

Sworn to and subscribed before me this 9 day of February, 1942

My commission expires 5-26-1943

E. L. Kuring
A. H. Meager
Tom Barrett
W. J. Black
Notary Public.

PERMIT No. BOO-516-2