

LATITUDE 39° 17' 30"

LONGITUDE 80° 17' 30"

+

1.272

0.84 w

7'5 OGIS topo location

7.5' loc _____

15' loc _____
(calc.) _____

Company Norwood Gas Co.

Farm Union Land Co #9

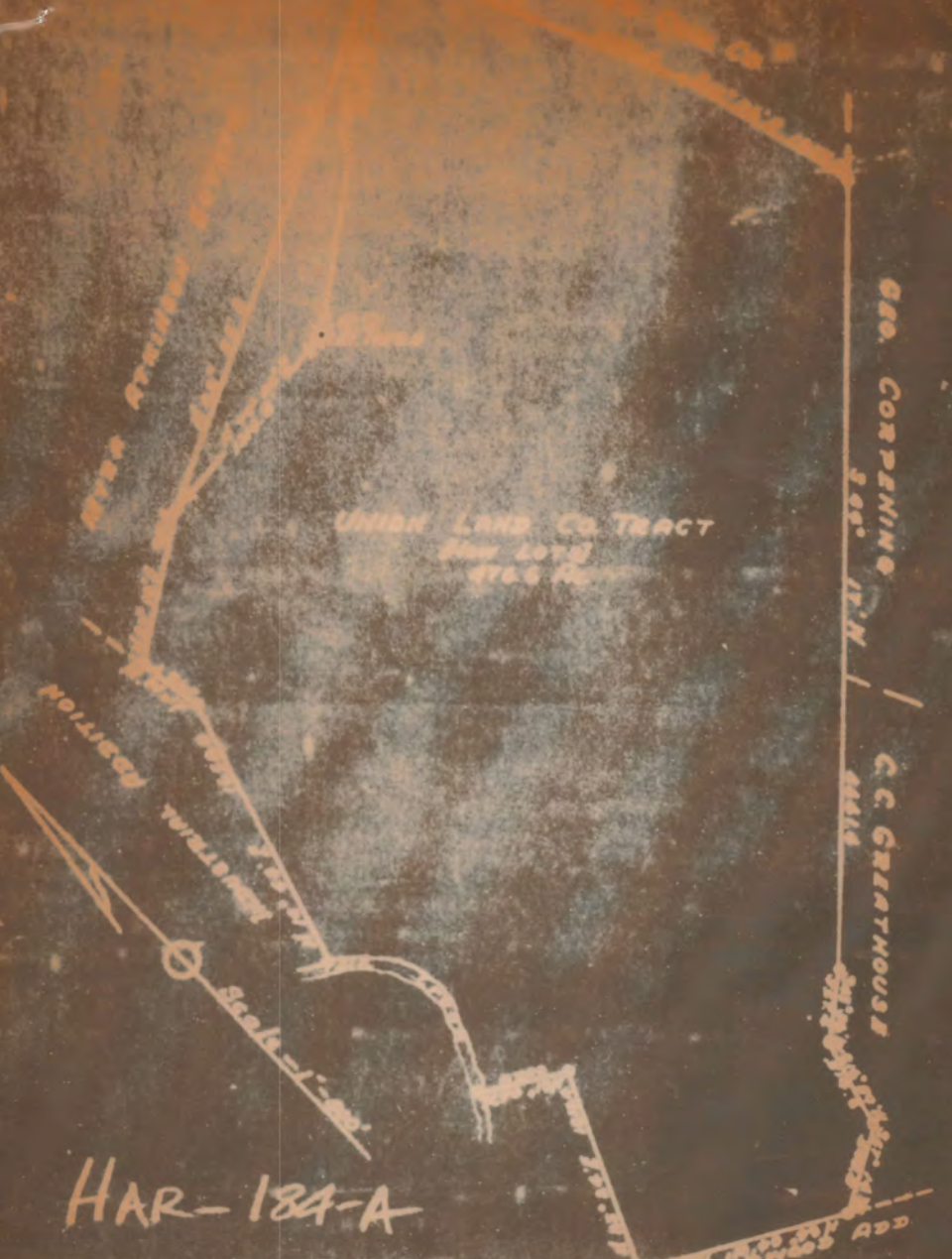
Quad Clarksburg 7 1/2

County Harrison

District Clark

WELL LOCATION MAP

File No. 033-30184



HAR-184-A

ENGINEER'S CERTIFICATE

I, the undersigned, hereby certify that this map is correct and shows all the information to the best of my knowledge and belief, required by the oil and gas section of the Mining Laws of West Virginia

 Engineer

Acknowledged before me, a _____
 this _____ day of _____ 19__

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Pittsburgh Coal				32	40	8		
Little Dunkard				462	489	27		
Big Dunkard				532	552	20		
First Salt Sand				724	744	20		
Second Salt Sand				830	910	80		
Water				835				
Water				900				
Maxon Sand				1397	1432	35		
Little Lime				1485	1508	23		
Pencil Cave				1508	1518	10		
Big Lime				1518	1608	90		
Big Injun				1608	1657	49		
Show of Gas				1635				
Squaw Sand				1667	1719	52		
Fifty Foot Sand				1950	1985	35		
Thirty Foot Sand				2070	2170	100		
Gordon Stray Sand				2195	2239	44		
Gordon Sand				2241	2280	39		
Gas				2248				
Fourth Sand				2445	2468	23		
Fifth Sand				2553	2590	37		
Gas				2558				
Total Depth							2602	

shot
Well was not shot at No Record feet; well was shot at No Record feet.

Salt
~~XXXX~~ water at 835 feet; ~~XXXX~~ water at 900 feet.

producing
Well was ~~shot~~ hole.

October 30th, 1933
Date

Approved

Assistant Manager and Superintendent

NORWOOD GAS COMPANY

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

PRELIMINARY DATA SHEET NO. 1

File No. _____

Well No. 9

Norwood Gas Company

Company, of Clarksburg, West Virginia

on the Union Land Company

farm

containing 476.6 acres. Location

Clark

District, in Harrison

County, West Virginia

The surface of the above tract is owned in fee by Union Land Company

of Clarksburg, West Virginia address, and the mineral rights are owned by

Union Land Company of Clarksburg, West Virginia
and Mrs. Margaret C. Brannon, Clarksburg, West Virginia

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit

No. Prior to present law issued by the West Virginia Department of Mines, Oil and Gas Division

193

Elevation of surface at top of well, 1159

~~XXXX~~
Barometric

The number of feet of the different sized casings used in the well.

16 feet 18" size. Wood conductor.

126 feet 10" size, cag. Cemented feet size cag.

1033 feet 8-1/4" size, cag. Pulled feet size cag.

1671 feet 6-5/8" size, cag. feet size cag.

No Record packer of No Record size, set at No Record

packer of size, set at

No Record, in casing perforated at No Record feet to No Record feet.

, in casing perforated at feet to feet.

Coal was encountered at Well Below Coal feet; thickness - - inches, and at - -

feet; thickness - - inches; and at - - feet; thickness - - inches.

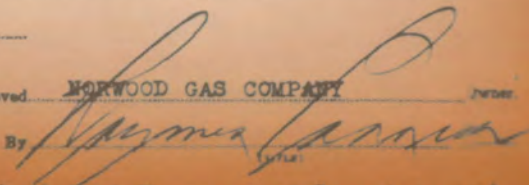
Liners were used as follows: (Give details) None

October 30th, 1933

Date.

Approved NORWOOD GAS COMPANY

By



November 6, 1933

Norwood Gas Company
Clarksburg, W. Va.

Attention: Mr. Raynes Parrish

Gentlemen:

We are holding up the permits on plugging Wells No. 8, 9, and 10 on the Union Land Company Tract because of the notation on your work order, "leaving the hole open to the top according to former instructions from the Consolidation Coal Company." This would leave an open hole from 290' to 126' totally unprotected to the bottom of the 10" casing.

We can find no record in this Department whereby we agreed to permit plugging wells in this manner and just as soon as we hear from the Consolidation Coal Company and get this matter adjusted, we will forward the permits.

Trusting this will not inconvenience you and thanking you for your cooperation, I am

Very truly yours,

Chief of Department of Mines.

NPR:g

WORK ORDER

Well to be plugged and filled as follows:

Fill the hole with clay or non-porous material from the bottom to 2533 feet, which is 20 feet above the Fifth Sand, there install a suitable plug to completely seal the hole, then fill the hole with clay or non-porous material to 2425 feet which is 20 feet above the Fourth Sand, there install a suitable plug to completely seal the hole.

Bridge the hole at 2300 feet and fill with clay or non-porous material to 2175 feet, which is 20 feet above the Gordon Stray Sand, there install a suitable plug to completely seal the hole.

Bridge the hole at 2190 feet and fill with clay or non-porous material to 1930 feet, which is 20 feet above the Fifty Foot Sand, there install a suitable plug to completely seal the hole.

Bridge the hole at 1739 feet and fill with clay or non-porous material to the bottom of the 6-5/8 casing, which is 1671 feet, and then pull the 6-5/8" casing and finish filling the hole with clay or non-porous material to 1588 feet, which is 20 feet above the Big Injun Sand, there install a suitable plug to completely seal the hole.

Bridge the hole at 1452 feet and fill with clay or non-porous material to 1377 feet, which is 20 feet above the Maxom Sand, there install a suitable plug to completely seal the hole.

Bridge the hole at 930 feet and fill with clay or non-porous material to 704 feet, which is 20 feet above the First Salt Sand, there install a suitable plug to completely seal the hole.

Bridge the hole at 572 feet and fill with clay or non-porous material to 442 feet, which is 20 feet above the Little Dunkard Sand, there install a suitable plug to completely seal the hole, then fill with clay or non-porous material to 290 feet, leaving the hole open to the top, according to former instructions from the Consolidation Coal Company, placing a vent pipe in the Marker Block.

NOTE: If conditions are encountered which will not permit carrying out the above plan, any deviation therefrom will be taken care of in a practical manner and described in the affidavit.

To the Department of Mines,

Coal Owner or Operator,

Lessee or Property Owner,

Gentlemen:

NOTE Same as above to 290'--Fill with clay or other non-porous material to 80'--suspend vent pipe, perforated 10' to 80' and set packer at 70'--Cement from 70' to 12" and fill to the surface.

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date stated in the notice of intention to plug and abandon the said well on opposite side of this sheet.

Very truly yours,

NORWOOD GAS COMPANY

Assistant Manager and Superintendent.

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or imposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this 5th day

of January 1934

DEPARTMENT OF MINES
Oil and Gas Division

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

SECTION 10, ARTICLE 4, CHAPTER 22 OF THE CODE

WEST VIRGINIA DEPARTMENT OF MINES

OLE AND CHARLES HUGHES

To the Department of Mines,
Charleston, W. Va.

Consolidation Coal Company
LOCAL OPERATOR OR WELL OWNER

Norwood Gas Company
NAME OF WELL OPERATOR

Fairmont, West Virginia
ADDRESS

Leakburg, West Virginia
COMPLETE ADDRESS

Hope Natural Gas Company
LOCAL OPERATOR OR WELL OWNER

October 30th, 1933 19
WELL TO BE ABANDONED

Clarksburg, West Virginia
ADDRESS

Clark District

Union Land Company
LOCAL OPERATOR OR WELL OWNER

Harrison County

Clarksburg, West Virginia
ADDRESS

Well No. 9

Mrs. Margaret C. Brennan,
Clarksburg, West Virginia

Union Land Company Farm

Gentlemen:

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

work of plugging and abandoning said well in the 4th day of November, 1933,
(which date shall not be less than ten days after the date 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 representatives may be present at the plugging
and filling of said well. You are further notified that unless you are represented or notified
undersigned will proceed on that date, or shortly thereafter, to plug and fill said well
required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse
side of this notice, as "Work Order."

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

Very truly yours,
NORWOOD GAS COMPANY

[Signature]
Assistant Manager and Superintendent

Well Operator.

NOTE: Upon the abandonment of all wells within a district, a plat prepared by a competent engineer, showing the district and vicinity in which the name of the owners of adjacent tracts, and the location of each well to be abandoned well, determined by survey, and the courses and distances of each well from two or more points or landmarks on said tract, shall be submitted