



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

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

COAL OPERATOR OR COAL OWNER

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

Dwight Hatten

OWNER OF MINERAL RIGHTS

Route #1, Pritchard, West Virginia

ADDRESS

COMMONWEALTH GAS CORPORATION

NAME OF WELL OPERATOR

P. O. Box 1433, Charleston 25, W. Va.

COMPLETE ADDRESS

August 31, 19 59

PROPOSED LOCATION

Butler District

Wayne County

Well No. 658 *38° 15' 82° 30' E. 709.0'*

C. C. Hatten et al Farm
126-1/4 acres

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated September 28, 1957, made by C. C. Hatten et al, to COMMONWEALTH GAS CORPORATION, and recorded on the 11th day of October, 1957, in the office of the County Clerk for said County in Book 47, page 334.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

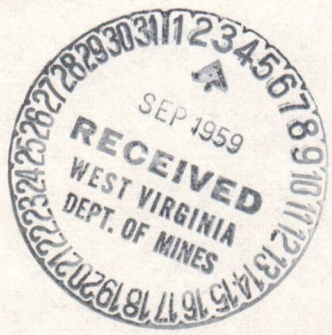
The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,



Address of Well Operator }

COMMONWEALTH GAS CORPORATION

WELL OPERATOR

P. O. BOX 1433

XSTXBEX

Charleston 25

CITY OR TOWN

West Virginia

STATE

08/25/2023

*Section 3 If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To The Department of Mines
Charleston, W. Va.

NAME OF WELL OPERATOR COMMONWEALTH GAS CORPORATION	COAL OPERATOR OR COAL OWNER
COMPLETE ADDRESS P. O. Box 1133, Charleston S.S. W. Va.	ADDRESS
PROPOSED LOCATION District _____ County _____ Well No. _____	OWNER OF MINERAL RIGHTS Route #1, Prichard, West Virginia
Town _____	ADDRESS

GENTLEMEN:
The undersigned well operator is entitled to drill upon the above named town or tract of land for oil and gas having fee title thereto, (or as the case may be) under grant or lease dated _____ to _____, made by _____, G. C. Hatten et al. and recorded on the _____ day of _____, 1957, in the office of the County Clerk for said County in Book _____, page _____.

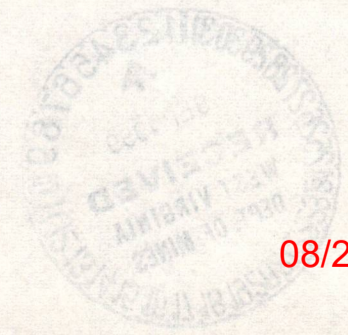
The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the town and in the Mineral District and County above named, determined by survey and courses and distances from two permanent points or land marks.
The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said town or tract of land on which said well is located, or within 500 feet of the boundary of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.
The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as distinctly as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)
Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective addresses _____ days before _____ or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

COMMONWEALTH GAS CORPORATION
WELL OPERATOR
P. O. BOX 1133
CHARLESTON S.S.
WEST VIRGINIA

Address of Well Operator



08/25/2023

Section 3. If no such objections be filed or be found by the Department of Mines within said period of ten days from the receipt of said notice and plat by the Department of Mines to said proposed location, the Department shall forthwith issue to the well operator a drilling permit, provided the filing of such plat has no objections have been made by the coal operators or land owners to the location or town, and that the same is approved and the well operator authorized to proceed to drill at said location.

Permit Number _____

B-4

September 14, 1959

Commonwealth Gas Corporation
P. O. Box 1433
Charleston, West Virginia

Dear Sirs:

Enclosed is Permit WAY-1222 for drilling Well
No. 658 on C. C. Hatten et al Tract, Butler District,
Wayne County.

Please post one copy of permit at the well site.

Very truly yours,

Crawford L. Wilson, Director
DEPARTMENT OF MINES

BY

Assistant Director
OIL AND GAS DIVISION

MG/m
encl:
cc Mr. James W. Pack, Inspector

Mr. R. C. Tucker, Assistant
State Geologist

08/25/2023

OG-10 **B-1**



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION **10**

Quadrangle Louisa N. E.

WELL RECORD

Oil or Gas Well Gas
(KIND)

Permit No. Way-1222

Company COMMONWEALTH GAS CORPORATION
Address P. O. Box 1433, Charleston 25, W. Va.
Farm C. C. Hatten No. 1 Acres 126-1/4
Location (waters) Mill Branch of Hurricane Creek
Well No. 658 Elev. 709 (B)
District Butler County Wayne
The surface of tract is owned in fee by Dwight Hatten
Route #1 Address Prichard, W. Va.
Mineral rights are owned by Same
Address _____
Drilling commenced September 15, 1959
Drilling completed November 29, 1959
Date Shot 10/22&27/59 From 1826 To 1858
With 400# gelatin, 1st shot; 5575# gelatin, 2nd
Open Flow /10ths Water in shot Inch
/10ths Merc. in Inch
Volume 112,000 Cu. Ft.
Rock Pressure 490 lbs. 72 hrs.
Oil bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13	25' 3"	25' 3"	
10	293' 10"	293' 10"	Size of _____
8 1/4	1454' 8"	1454' 8"	
6 5/8			Depth set _____
5 3/16			
3			Perf. top <u>1849' 10"</u>
2	1856'	1856'	Perf. bottom <u>1856'</u>
Liners Used			Perf. top _____
7"	84' 11"	84' 11"	Perf. bottom _____
Top of liner - 1760'			

CASING CEMENTED - SIZE No. Ft. Date
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

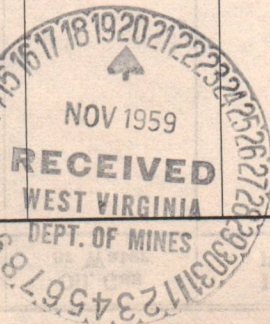
RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water 56 Feet Salt Water 835 - 845 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	10			
White Slate			10	20			
Sand			20	27			
Blue Slate			27	40			
Red Rock			40	50			
Sand			50	56			
Slate			56	255	Water	56	
Sand			255	295			
Slate			295	380			
Sand			380	435			
Slate			435	470			
Sand			470	495			
Slate			495	715			
Sand			715	755			
Slate			755	780			
Broken Sand			780	810			
<u>SALT SAND</u>			810	897	Water	835- 845	Hole full
Slate			897	990			
Sand			990	1025			
Slate			1025	1085			
<u>MAXTON SAND</u>			1085	1101			
<u>BIG LIME</u>			1101	1245		1114	S. L. M.
<u>KEENER SAND</u>			1245	1255			
Slate			1255	1260			
<u>INJUN SAND</u>			1260	1297			
Slate			1297	1307			
Sand			1307	1370			
Slate			1370	1440			
Shell			1440	1448		1441	S. L. M.

(over)



B-2

Formation	Color	Hard or Soft	Top / 0	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			1448	1790			
Shell			1790	1805			
Slate			1805	1812			
Brown Shale			1812	1828			
<u>BEREA SAND</u>			1828	1853		1828	S. L. M.
Slate			1853	1858			
<u>TOTAL DEPTH</u>				1858			
					<u>VOLUME</u>		29,000 cu. ft. before shot
							112,000 cu. ft. 15 hours after
							tamp was drilled off.

08/25/2023

Date November 16, 19 59

APPROVED COMMONWEALTH GAS CORPORATION, Owner

By W. S. Gravely, Land & Eng. Department (Title)



B-3

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

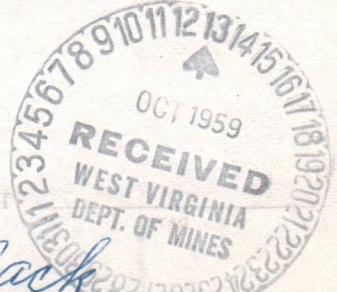
Permit No. WAY-1222

Oil or Gas Well Gas
(KIND)

Company <u>Commonwealth Gas Corp.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>P.O.Box 1433 Charleston, W. Va.</u>	Size			
Farm <u>C. C. Hatten</u>	16			Kind of Packer
Well No. <u>658</u>	13	<u>25'3"</u>		
District <u>Butler</u> County <u>Wayne</u>	10	<u>293'</u>		Size of <u>-Shoe -10"</u>
Drilling commenced <u>9 - 15 - 59</u>	8 1/4			set @ <u>293'</u>
Drilling completed _____ Total depth _____	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water <u>56</u> feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water <u>835</u> feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Roy Nida
Lester Johnson

Remarks: Salt Sand 810'-897'; Big Lime 1101'-1245'; Injun Sand 1260'
drilling depth 1280'.



J.W. Pack

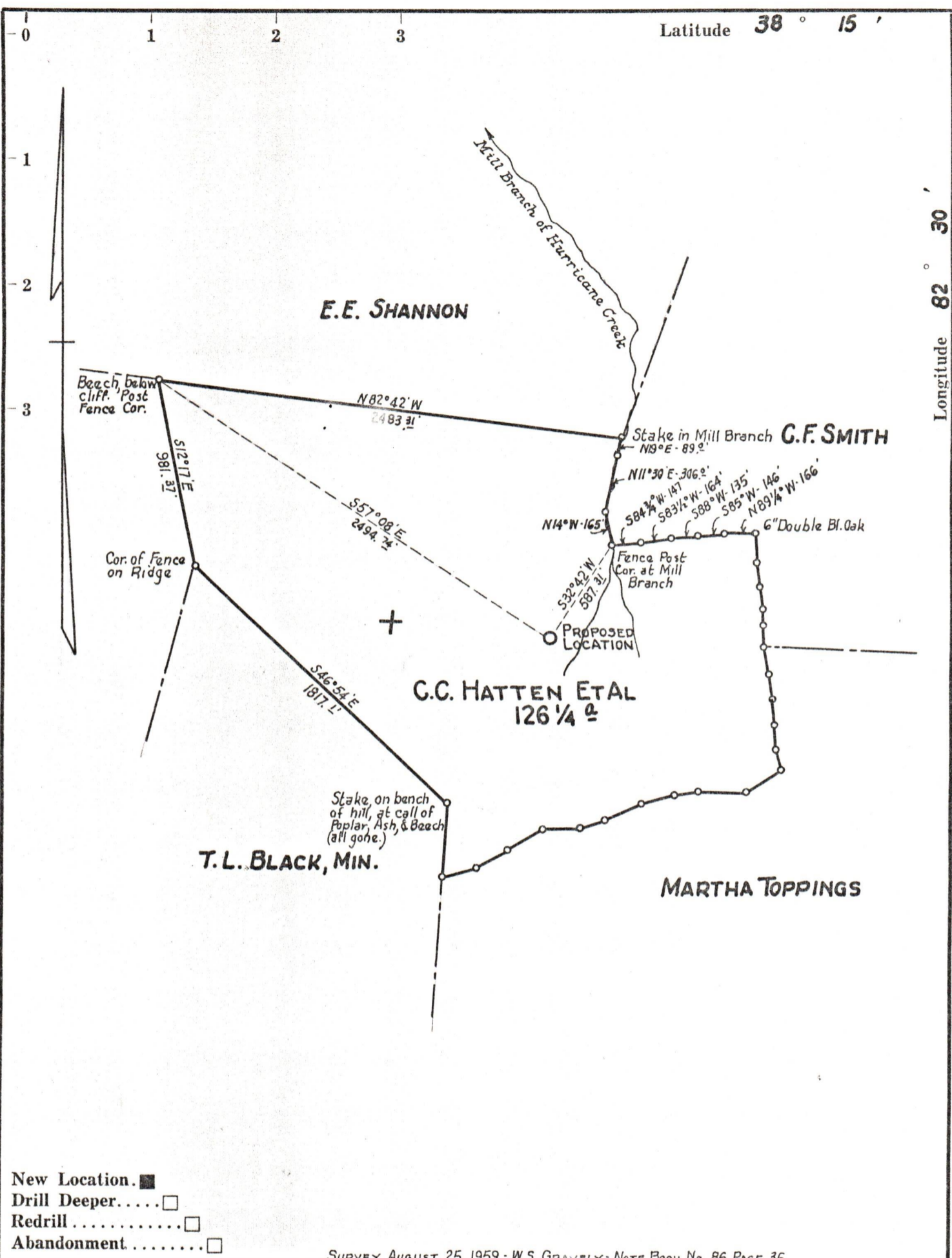
DISTRICT WELL INSPECTOR
08/25/2023

10-8-59

DATE

Latitude 38° 15'

Longitude 82° 30'



- New Location.
- Drill Deeper.
- Redrill
- Abandonment

SURVEY AUGUST 25, 1959 - W.S. GRAVELY - NOTE BOOK No. 86 PAGE 36

Company **COMMONWEALTH GAS CORPORATION**
 Address **P.O. Box 1433 CHARLESTON, W. VA.**
 Farm **C.C. HATTEN ETAL**
 Tract _____ Acres **126 1/4** Lease No. **1933**
 Well (Farm) No. **1** Serial No. **658**
 Elevation (Spirit Level) **709.0'** (B)
 Quadrangle **LOUISA N.E.**
 County **WAYNE** District **BUTLER**
 Engineer **G.H. HALL**
 Engineer's Registration No. **2602**
 File No. _____ Drawing No. _____
 Date **AUG. 31, 1959** Scale **1" = 660'**

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

WELL LOCATION MAP
 FILE NO. WAY-1222

+ 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.