



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

	COMMONWEALTH GAS CORPORATION
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR
	P. O. Box 1433, Charleston 25, W. Va.
ADDRESS	COMPLETE ADDRESS
	May 4 19 59
COAL OPERATOR OR COAL OWNER	PROPOSED LOCATION
	Dutlon
ADDRESS	DuvlerDistrict
Glenn Riggs	Wayne County
OWNER OF MINERAL RIGHTS	하는 사람들은 경험에 살아왔다면 하는 아니라 아니라 하는 것이 되었다면 하는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없다면 하는데 없다면 없다면 없다.
Route #1, Box 106, Fort Gay, West Va.	Well No. 653 82°30' 6. 858.9
ADDRESS	
GENTLEMEN:	Glenn Riggs Farm
	130 acus
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
	by Glenn Riggs & Janie Riggs, his wife to
COMMONWEALTH GAS	CORPORATION , and recorded on the 11th day
f October 1957	, and recorded on theday
	in the office of the County Clerk for said County in
Book 47 , page 339 .	
and County above named, determined by survey and land marks.	operator on the farm and in the Magisterial District courses and distances from two permanent points, or
and County above named, determined by survey and land marks. The undersigned well operator is informed and of coal beneath said farm or tract of land on which aries of the same, who have mapped their workings coal operators or coal owners (if any) above named The above named coal operators or coal owners desire to make to such proposed location, or which the drilling of a well at said proposed location will cate coal mines, must be received by, or filed with the Department of this notice and accompanying plat by said that forms for use in making such objections will be on request and that all such objections must set forth grounds on which such objections are based and indicate	engineer and shows the proposed location of a well operator on the farm and in the Magisterial District courses and distances from two permanent points, or believes there are no coal operators operating beds said well is located, or within 500 feet of the boundand filed their maps as required by law, excepting the as addressees. (if any) are notified that any objections they may key are required to make by Section 3 of said Code, if case a dangerous condition in or about their respective further of Mines within ten* days from the receipt of Department. Said coal operators are further notified a furnished to them by the Department of Mines promptly as definitely as is reasonably possible the ground or the direction and distance the proposed location should
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*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.

1189

WAY-1189





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,

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Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above samed coal operators or coal owners at their above shown respective address. It on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston. West Virginia. Very traiv yours. CLARCONNIVATEL CAS OPERATOR WALL OF STANDARD Wall operator Well operator Glass of ton 2 ORIGINAL Well operator Well operator Well operator West Virginia. Well operator West Virginia.	i suy) are notified that any objections they may are required to make by Scotion 3 of said Code, if se a dangerous condition in or about their respective ment of Mines within ten" days from the receipt of constituent. Said coal aperators are further notified unit bed to them by the Department of Mines promptly are definitely as is reasonably possible the ground or the direction and distance the proposed location should be direction and distance the proposed location should	The above named coal operators or coal owners (in desire to make to such proposed location, or which they the drilling of a well at said proposed location will can coal mines, must be received by, or filed with the Depart a copy of this notice and accompanying plat by said that forms for use in making such objections will be for request and that all stich objections must set forth as grounds on which such objections are based and indicate the moved to overcome same.
Department of coal owners at their above shown respective address. West Virginia. Very truly yours. CARCORNALL CARCORNATOR WALL ORNALL WALL ORNALL CARCORNALL CARCORNALL WALL ORNALL CARCORNALL CARCORNALL WALL ORNALL CARCORNALL CARCORNALL CARCORNALL WALL ORNALL CARCORNALL CARCOR		
West Virginia. Very unity yours. Compositive and Mines at Charleston. Compositive and Mines at Charleston. Compositive and of Mines at Charleston. Compositive and address. P. Compositive and address. P. Compositive and address. West Virginia. Compositive and address. West Virginia. West Virginia.		
PASTE AGG PAGE PANTED AND PASTE PANTED AND PAST PAST PANTED	town respective address day before, this copy to the Department of Mines at Charleston.	named coat operators or coat owners at their shove short on the same day with the mailing or delicery of twest Virginia.
SFILE TOE	nly-yours.	Very u
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	WEST RESTRICT	08/25/2023
NTATO	West Vin nia	\$ U805 S5 82
		51 6 0 0 0

Section 8... If no anch objections he filed or parfound by the department of mines, within asid period of ten days from the receipt of said notice and filed by the department of mines, to said proposed location, the department shall forthwith issue to the well operators a diffuse permit reciting the filing of such plat, which no objections have been made by the coal operators to the location of fund thereta by the department, and that the same is approved and the well operator approved to proceed to drill at said location.

0511-YAT

COLUMN TARONEC LON DETTHIS BRANTAN PROPERTY

· 13 /9 May 5, 1959 Mr. James W. Pack, Inspector Oil and Gas Wells Hamlin, West Virginia Dear Mr. Pack: We are in receipt of applications for permits to drill the following wells in your district: Well No. 1 on Josephine Belcher Farm, Butler District, Wayne County from R. B. Eichholz & J. B. Hyman. Permit number will be WAY-1188. Well No. 653 on Glenn Riggs Farm, Butler District, Wayne County from Commonwealth Gas Corporation. Permit number will be WAY-1189. Very truly yours, Assistant Director OIL AND GAS DIVISION MG/m 08/25/2023 3-4 May 15, 1959 Commonwealth Gas Corporation P. O. Box 1433 Charleston 25, West Virginia Dear Sirs: Enclosed is Permit WAY-1189 for drilling Well No. 653 on Glenn Riggs Farm, Butler District, Wayne County. Please post one copy of permit at the well site. When drilling is completed, please send us two copies of the well record. Very truly yours, 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

May 15, 1959 Commonwealth Gos Corporation P. O. Bon 1133 Charlseton 25, West Virginia Deer Stree Enclosed is Permit WAY-1189 for drilling Well No. 653 on Glenn Riggs Farm, Butler District, Wayne County. Pices post one comy of permit at the well site. When drilling is completed, please send us two copies of the well record. Very traly yours, Assistant Director OIL AND GAS DIVISION mi/m riome co Mr. James W. Pack, Inspector Mr. R. C. Tucker, Assistant / State Geologist 08/25/2023 B-2

Formation	Color	Hard or Soft	Top / 2	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate Shell Slate Shell Slate Brown Shale			1630 1670 1682 2020 2032 2065	1670 1682 2020 2032 2065 2082		1672	S. L. M.
BEREA SAND Slate Black Lime S TOTAL DEPTH	hell	0.87 1/3	2082 2097 2099	2097 2099 21 02	Gas	2087 2088	Halliburton Sl
5000 93.54e			499	705	FINAL GAUGE	179,000 0	u. ft Berea
Sand Blue Slate Sund Sand Slate			370 1480 546 546 640	585	Water	Pleo.	Bole full
Sand White Slate Sund Slate Sand		44233	166 165 250 310 355	250 310 330 330 355 370 180 510	Water	3101	3 bailers per
Strates Blue Slate Blue Slate			0 10 130	10 115 130 150	Water	172	l bailer per b
Formation		Hard or Soft	100	Botton	Coll, time	Hopin	Remitta
WELL FRACTO MENDELT TO AC ROLK PARSSIII Freel Water		EA THE NY	340, - 460	anu Mater	L TMCH	FES FES	
MARIT VOIDING			Libia, 1st 24 mm	COAL WAS F	MCGUNTERED	Ed . TEER	INCHES.
Volcano	179,	000	Ea - Are	oversion environments	EV_LETE _		
		0 5 5	nd shot inch	Top of Li	per at 2061!		Duck
Drilling comment Drilling comment Date shot 7/12 With 225 lbs:	i 1/59 pm	une 1, 1959 ally 7, 1959 2002	2097	58×10	21161 2	ILI ILI	20901 78 Louis 21201
The surface of free North Parks of Free North Parks of Free North Parks of Free North Parks of Parks o	or 106	Adheas Fort	Triggs Gay, W. Va.	010 011 101	35 14 35 14 514 5#	211 211 3, 521,1 5891 n.	of Tubing th set Tubing a set at 20901
Address P. O.	Box 1133, Liggs No. Orchar	Charleston	130 Irace Forle 058.9	Casure and Tubing Sixo	Delition	2001	Pathers Lot Pasker Joue #
Loran No Mean	MANUAL G	AS CORPORATE	DI .			Left in	
1003	sa M. M. e-1189		MEIT	RECORD		08/	25/2023

	Date July 23	_, <u>1959</u>
APPROVED	COMMONWEALTH GAS CORPORATION	, Owner
Ву	W. S. GRAVELY, LAND & ENG. DEF (Title)	T.

06-10 B-1



STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION / 12

Quadrangle Louisa N. E.

Permit No. Wayne-1189

WELL RECORD

Oil or Gas Well Gas

Permit No.			Sun.	(KIND)
Company COMMONWEALTH GAS CORPORATION Address P. O. Box 1433, Charleston 25, W. Va.	Casing and Tubing	Used in Drilling	Left in Well	Packers
Farm Glenn Riggs No. 3 Acres 130 Location (waters) Orchard Branch of Trace Fork Well No. 653 Elev. 858.9 District Butler County Wayne The surface of tract is owned in fee by Glenn Riggs Route #1, Box 106 Address Fort Gay, W. Va. Mineral rights are owned by Same Address Drilling commenced June 1, 1959	Size 16 13 10 8 ¹ 4 6 ⁵ / ₈ 5 ³ / ₁ 6 3	21° 2" 324° 1689°	21: 2" 324: 1689:	Depth set Tubing Cage set at 2090* Perf. top 2090* 7"
Drilling completed July 7, 1959 Date Shot 7/1&7/59 From 2082 To 2097 With 225 lbs. gelatin, lst shot; 1100 lbs. gela	Liners Used 5"			Perf. bottom 2120
Open Flow 18/10ths Water in 2 2nd shot Inch /10ths Merc. in	CASING CEM	ENTED	SIZE -	No. Ft. Date FEET INCHES
Oilbbls., 1st 24 hrs. WELL ACIDIZED WELL FRACTURED	FEE	CNCOUNTERE TINC		FEET INCHES FEET INCHES

RESULT AFTER TREATMENT___

ROCK PRESSURE AFTER TREATMENT

Feet 340 - 460 Salt Water Feet

Feet

Fresh Water	112	Feet	340 - 400	Salt Water			
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Blue Slate Sand			0 10 115 130	10 115 130 150	Water	115	l bailer per h
Sand White Slate Sand			150 165 250	165 250 310	4.0		
Slate Sand Blue Slate	100	311232	310 330 355	330 355 370	Water	3401	3 bailers per 1
Sand Blue Slate Sand Slate	12002 P	CEIVED WASHINGS	370 480 540 585	480 540 585 640	Water	460	Hole full
Sand Slate Sand Slate SALT SAND Slate	No.14	50181 17.31 day	640 655 785 830 910 1195	655 785 830 910 1195 1204		1101000	T. Att Berea
MAXTON SAND LITTLE LIME Pencil Cave BIG LIME Slate KEENER SAND			1204 1284 1302 1304 1460 1472	1284 1302 1304 1460 1472 1488	Gas	1291	S. L. M. 25/2023
Slate INJUN SAND Slate Sand			1488 1505 1570 1600	1505 1570 1600 1630		1672	S. L. M.

(over)



STATE OF WEST VIRGINIA DEPARTMENT OF MINES CHARLESTON

September 2, 1966

Mr. Kenneth Butcher, Inspector OIL AND GAS DIVISION RFD #1 Barboursville, West Virginia

> Permit WAY-1189-Plugging In Re:

Company Commonwealth Gas Corp.

Farm Glenn Riggs Well NO. 53

District Butler

County Wayne

Dear Sir:

Would you please make a final inspection of the above described well.

Thank you.

Very truly yours,

GURMER WAMOCK Deputy Director

GW/ap

PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WORK ORDER

Well to be plugged and filled as follows:

Pull 2 inch tubing

Fill with red mud or other non-porous material from bottom to 2052, which point is 30 feet above top of Berea Sand.

Cement plug 2052 to 2042, with crushed rock 2042 to 2037

Open hole to 1739, which point is 50 feet below bottom of 6-5/8 inch casing Set permanent bridge at 1739 and fill with red mud, etc. to 1689, start pulling 6-5/8 inch casing and continue filling with red mud, etc. to 1225, which point is 30 feet above top of Maxton Sand.

Cement plug 1225 to 1215, with crushed rock 1215 to 1210.

Fill with red mud, etc. to 880, which point is 30 feet above top of Salt Sand. Cement plug 880 to 870, with crushed rock 870 to 865.

Open hole to 510, which point is 186 feet below 8-1/4 inch casing.

Fill with red mud, etc. to 324, which point is bottom of 8-1/4 inch casing, start pulling 8-1/4 inch casing and continue filling with red mud, etc. to surface.

Erect permanent marker, made of 6 inch steel pipe, filled with concrete and cemented in ground a minimum of 30 inches above surface, and a minimum of 10 feet below surface. Marker to show Well Number, Company name, and date of abandonment.

NOTE: Cement for plugs to be mixed with water only, approx. 5 gallons of water to 1 sack of cement.

DEPOS IN APVANCE OF PRUCEING

To the Department of Mines Coal Owner or Operator, Lease or Property Owner.

Gentlemen:

EE01-3-0

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 inspector is notified after permit is issued.

Very truly yours,

COMMONWEALTH GAS CORPORATION

Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed 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

5 day of July , 19 ble.

POTREVILLE, W. VA.

DEPARTMENT OF MINES
Oil and Gas Division

By: gwenner Warnell

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.



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.

	Commo	nwealth Gas Corpor	ation
Coal Operator		Name of Well Operator	
and life with relation		Box 11,33, Charles	ton, W. Va.
Address		Complete Address	
A complete track \$225 to 1220.			
Coal Owner	Sylv .org	Date	
the left west belief well and have been continued	dalle nole	VELL TO BE ABANDONI	ED
o deni il le de anti di en sanco de ini e	\$E of . we	Butler	District
Address do a pala de la companya de			
of a inch steel size, filled with concre	Chart & The	Wayne	County
Glen Riggs	DE TO MOUN		
Lease or Property Owner	Well No	653	red goet of
Route No. 1, Box 106, Fort Gay, W. Va.		Glen Riggs	Farm
Address	le dose i	our radow iso	raim
Inspector to be notified KENNETH BUTCHER	CityRFD #1 BARBOURS\	Telepho	ne <u>RE-6-19</u> 3

Gentlemen: 24 HOURS IN ADVANCE OF PLUGGING

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 date inspector is notified (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,

COMMONWEALTH GAS CORPORATION

Well Operator

West Virginia NOTE: Upon the abandonment of any well drilled prior to June 1, 1929, a plat prepared by a registered engineer, shall be filed with THREE COPIES OF APPLICATION, (OG-9) AND "WORK ORDER! DAND TWO COPIES OF THE WELL RECORD, (OG-10). The map must show the district and county in which the tract of land is located, the name and acreage of same, the name or names of the owners and names of adjacent tracts and the location of the well to be abandoned, determined by survey with the courses and distances of such well from two permanent points or landmarks on said tract.

NOTE: In case plugging is not commenced within four months from the date of permit, same shall expire and be of no further force or effect.

NOTE: PERMIT IS NOT TRANSFERABLE.

Way, 1189-P

DEPARTMENT OF MINES OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

		Common	nwealth Gas Cor		
COAL	OPERATOR OR OWNER		NAME OF WELL		_
***************************************	ADDRESS	P. 0.	Box 1433, Char		Va.
					19
COAL	OPERATOR OR OWNER	D 13	WELL AND L	OCATION	
	ADDRESS	Butler	<u> </u>		Distri
Glen Riggs		Wayne			Count
	OR PROPERTY OWNER				Count
Route No. 1, B	ox 106, Fort Gay, W. Va.	Well. N	To. 653		
	ADDRESS	Glen F	Pi aao		
			Riggs		
STATE INSPECTOR	SUPERVISING PLUGGINGKe	nnith Bu	ıtcher	••••••	
	AFFIC	AVIT			
STATE OF WEST		AVII			
	SS:				
County of Wayn					
	er Johnson	and	C. C. Handley		
being first duly sv	worn according to law depose	and say tl	hat they are exper	ienced in the	work o
plugging and filling	g oil and gas wells and were emparticipated in the work of plu	ployed by	7		
well operator, and	participated in the work of plu	gging and	l filling the above	well, that sa	id wor
was commenced or	the 5 day of August		, 19 66, and that	the well was	plugge
and filled in the fo	llowing manner:				1
SAND OR ZONE RECORD	FILLING MATERIAL		PLUGS USED	CAI	ING
FORMATION			SIZE & KIND	CSG	Cs
	From Bottom to 2052	Mud		PULLED	LEFT
	Bridge Set 1739 Mud	16891	Cement 20521	79 76901	
	Mud 1689! To		2042	7" 16891	
		12251	122)		
	Rock 1215' To 1210'		12151		
	Mud 1210: To 880:		n 8801		
	Rock 870' To 865'		li 8701		
	Set Bridge 510				
	Mud 510' To 324'			8" 3241	
	Red Mud 324 To Top			10" 21:2	t
		4			
	1112346				
COAL SEAMS	6303	1	DESCRIPT	ION OF MONUME	NT
ME)	SEP 1CGG	00)			
ME)	-1111	0 0			
ME)	RECEIVED RECEIVED	1			
ME)	West Virginia	5			
	JA. DED				
and that the work	of plugging and filling said	vell was	completed on the	19	day of
August	, 19 66 026181113		0,0	B	
And further de	ponents saith not.	2	ester tot		
mid further de	polients saith not.		1 7/2 ///	08/2	25/202
_		100	o. Nondley		
Sworn to and a	subscribed before me this 19	day	of August	,	9 66
36	•	Oe	mon 6.	Divid	Va-
My commission exp				Notary P	ublic.
June 4, 197			Per	Motary P	

From Bottom to 2052: Sridge Sqt 1739: Mud Mud 1689: To Accis 1215: To 1210: Aud. 1210: To 880: .ook byo! To 55:

1438 6T 1018 but TUSE FO Red End 3241 To To

08/25/2023

OG-11

Blanket

DATE

DEPARTMENT OF MINES OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No 11 04 - 118917			Oil or	Gas Well	
Company Camman, Mas Ca	CASING AND	USED IN DRILLING	LEFT IN WELL	PACKER	s
Address Charles Ton 707	/ Size 16			Kind of Packet	·
Well No. 753	10			Size of	
District Sutter County Way A	6%			Depth set	
	5 3/16			Perf. top	
Drilling completedTotal depth Date shotDepth of shot	2			Perf. bottom_	· ·
Initial open flow/10ths Water inInch	Liners Used			Perf. top Perf. bottom_	
Open flow after tubing/10ths Merc. inInch					11
VolumeCu. Ft.		ENTED		No. FT	Date
Rock pressurelbshrs.	NAME OF SE	ERVICE COMP	ANY		
Oilbbls., 1st 24 hrs.	COAL WAS E	ENCOUNTERE	D AT	FEET	_INCHES
Fresh waterfeetfeet	FEE	TINC	HES	FEET	_INCHES
Salt waterfeetfeet	FEE	TINC	HES	FEET	_INCHES
Drillers' Names					
Remarks: Final ins bei	chón	hasa	Spans	m ade	
On this Well,		11-	American S. M. Sarana	0	
			West Virginia	7	1
9-9-66		X	(18583031)	Dulch	en

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.				We	II No	
OMPANY			ADDRESS			
ARM		DISTRIC	Т	COUNTY		
illing Material Used						
iner Loc	ation	Amount	Packer	Location		
	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	Los
			San Land			,
				trace -		
				-427		
lers' Names		The section of the se				
lers' Names						
narks:						
DATE I h	ereby certify I visi	ted the above	well on this date.			

DISTRICT 08/25/2023



State of West Hirginia

Department of Mines Gil and Gas Division Charleston 5

W. F. EIGENBROD DIRECTOR September 16, 1966

GURMER WAMOCK DEPUTY DIRECTOR

COMMONWEALTH GAS CORPORATION P. O. Box 1433 Charleston, W. Va. 25325

In Re: Permit WAY-1189
Farm Glenn Riggs
Well No. 653
District Butler
County Wayne

Gentlemen:

The final inspection report for your well which is described above has been received in our office.

Please be advised that the well, which is covered by the above permit number, has been released under your Blanket Bond.

Yours very truly,

Gurmer Wamock Deputy Director OIL AND GAS DIVISION

