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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	COMMONWEALTH GAS CORPORATION NAME OF WELL OPERATOR
	P. O. Box 1433, Charleston 25, W. Va.
ADDRESS	COMPLETE ADDRESS
	November 6 , 19 58
COAL OPERATOR OR COAL OWNER	PROPOSED LOCATION
ADDRESS	Butler District
Dorothy Louise Bowen	Wayne County
OWNER OF MINERAL RIGHTS	Wayne County
2490 James River Road Huntington, West Virginia	Well No. 649 Lou. 92.30 Elev. 91
ADDRESS	
GENTLEMEN:	Dorothy Bowen Farm
oil and gas, having fee title thereto, (or as the case	
	by Dorothy Louise Bowen & Husband, to
COMMO NW EALTH GAS CORPORAT.	ion and recorded on the 5th day
f September, 1958	
	in the office of the County Clerk for said County in
The enclosed plat was prepared by a competent to be drilled for oil and gas by the undersigned well and County above named, determined by survey and	t 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
The enclosed plat was prepared by a competent to be drilled for oil and gas by the undersigned well and County above named, determined by survey and and 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.	t 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 bounds and filed their maps as required by law, excepting the as addressees.
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resection 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.

1142

WAY-1142

PERMIT NUMBER



DEPARTMENT OF MINES

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

P. O. Box 1132, Charleston 25, W. Va. tointeld To Little County 380 18. Dorothy Louise Bowen beog revise semet Ocils 619 404. 82° 30° Bles. Huntington, West Vicetois Dorothy Boven The undersigned well operator is ontitled 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 detect. August I. 1948 made by Dorothy Louise Bowen & Husband 10 COMMONMENTER GAS CORPORATION , and recorded on the 5th day September, 1958 Book by page 123 The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said tarm 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 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 foods, 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 aperators are further notified that forms for use in making such objections will be turnished to them by the Department of hittees promptly on request and that all such objections must set forth as définitely (as is reasonable nossible 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. Capies of this notice and the enclosed plat were toulled by registered mail, or delivered to the above e. O. Box 2133 08/18/2023 Signatu Jase

rection 3. . If no such objections he filed or be found by the department of mines, within said period of on days from the receipt of said motive and plat by the department of refers to said proposed location, the department shall farthwith issue to the well operator a defiling permit recting the fling of such plat, that no objections have been used by the coal operators to the docation, or found thereto by the department, and that he same is approved and the well operator sufficient to proceed to delil at said location.



DEPARTMENT OF MINES OIL AND GAS DIVISION /3

Quadrangle Louisa N. E.

Permit No. Way-1142

WELL RECORD

Oil or Gas Well Gas

			•	(KIND)
Company COMMONWEALTH GAS CORPORATION Address P. O. Box 1433, Charleston 25, W. Va. Farm Dorothy Bowen Acres 35-1/4	Casing and Tubing	Used in Drilling	Left in Well	Packers
Location (waters) Trace Fork Well No. 649 Elev. 949.7 District Butler County Wayne	Size 1613			Kind of Packer Set tubing at 2150
The surface of tract is owned in fee by	10	38' 11" 366' 10"		0.20
Mineral rights are owned by Dorothy Louise Bowen 2490 James River RoadAddress Huntington, W. Va.	65%× 7 ^{††}	1760'	17601	Depth set
Drilling commenced November 27, 1958 Drilling completed January 10, 1959 Date Shot 1/8&10/59 From 2144 To 2154 With 1st shot with 125# gelatin; 2nd shot with	32 Liners Used 5th		2172' 6	Perf. top 2150' Perf. bottom 2158' Perf. top Perf. bottom
	CASING CEM	ENTED	SIZE	No. Ft. Date
Rock Pressure 620 lbs. 68 hrs. Oil bbls., 1st 24 hrs.	COAL WAS E	NCOUNTEREL) AT	FEETINCHES
WELL ACIDIZED	FEE?	ΓINC	HES	FEETINCHES
WELL FRACTURED	FEET	rINC	HES	FEETINCHES

RESULT AFTER TREATMENT_

ROCK PRESSURE AFTER TREATMENT_

Fresh Water______Feet_____Salt Water_____Feet____

resh Water	F'eet		Salt Water_		Feet	
Formation Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth	Remarks
	Hard or	70p 0 38 46 60 175 195 325 364 385 425 460 590 640 690 717 820 885 938 1205 1220 1370 1530 1550 1665 1725 1737		or Water	Depth 1380	171819203

no

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

B:4

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-1142	E-94 (10 *		Oil or	r Gas Well 649
Company Commonwealth Gas Corp.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS MAAA
P.O. Box 1433 Address Charleston 25, W. Va.	Size			Deel taireata gallis
Farm Dorothy Bowen	16		103840	Kind of Packer
Well No649	13	3814		VISED ADD IT
District Butler County Wayne	81/4	369 13	10.000	Size of
Drilling commenced 11-27-58	65%			_ Depth set
	5 3/16			
Drilling completedTotal depth	3			Perf. top
Date shotDepth of shot	2			Perf. bottom
Initial open flow/10ths Water inI	nch Liners Used			Perf. top
Open flow after tubing/10ths Merc. inI	nch			Perf. bottom
VolumeCu.	Ft. CASING CEME	NTED	_SIZE	No. FTDate
Rock pressurelbs	hrs.			
Oilbbls., 1st 24 l	hrs. COAL WAS EN	COUNTERED	AT	_FEETINCHES
Fresh water 195 feet f	feetFEET_	INCH	ES	_FEETINCHES
Salt water 995 feet f	feetFEET_	INCH	ES	_FEETINCHES
Drillers' NamesVernard Adkins				reatment.
Roy B. Nida				
Remarks: Salt Sand 938'-1205'; drilling in Big Lime @ 1479	Maxon Sand 12	20'-1370	; Big I	Lime - 1370';
EELL	29303117232			
The state of the s	DEC 1958			

12-22-58

DATE

Jw. Pach

DEPARTMENT OF MINES

OIL AND GAS DIVISION

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DATE	I hereby certify I	visited the a	nove well on	unis uace.			

13/5

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS DIVISION

Permit No. Way - 1	1421	4		Wei	II No	149
COMPANY Comm	Mas C	orp.	ADDRESS 6 har	les la	2,2	vva,
FARM 13 OW	en	DISTRIC	Bulles co	UNTY 1	lay.	ke
Filling Material Used	clay	SI	one ceme	nt		
Liner Loc	ation	Amount	Packer	Location		market TAT
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TUE	ING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
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Remarks:	ng lu	Dung	on this da	ite.	·_ /52.	(F 4000.)
			67 8 8 P	SEP 1966 RECEIVED	1 100	
DATE	hereby certify I v	isited the abo	ve well on this date.	Dept. of Mines	ther	12023

DEPARTMENT OF MINES OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No.			Gas Well			
Company		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKE	RS
Address	Toriousbesses	Size				A page
Farm	A	16			Kind of Pack	414
Well No		10			Size of	
Company of the Company of the Company	County	81/4				* * * * * * * * * * * * * * * * * * * *
Drilling commenced		6%			Depth set	None de la Constantina del Constantina de la Con
Drilling completed	Total depth	3			Perf. top	
Date shot	Depth of shot	2			Perf. bottom.	
Initial open flow	/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing	/10ths Merc. inInch				Perf. bottom.	, 1
Volume	Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressure	lbshrs.	NAME OF SEI	RVICE COMPA	ANY		
Oil	bbls., 1st 24 hrs.	COAL WAS EN	NCOUNTEREI	AT	_FEET	_INCHES
Fresh water	feetfeet	FEET.	INC	HES	_FEET	_INCHES
Salt water	feetfeet	FEET	INC	HES	FEET	_INCHES
Drillers' Names			Di Barton Harromon Andropo (Salah Barton) (Salah Salah S		-	
Remarks:						

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STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS DIVISION

Permit No. Way	11427		,	Well No	649
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illing Material Used	Elay	1	lane ceme	enl	29 101
iner Loc	cation	Amount	Packer	Location	
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DATE	nereny certify I	visited the above	e well on this date.	967E	
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DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No			Oil or Gas Wel				
Company		CASING AND TUBING	USED IN DRILLING	LEFT IN	PACK	ERS	
Address		Size				a service	
Farm		16			Kind of Pac	ker	
Well No		10			Size of		
and the second second	County	81/4					
Drilling commenced		65% 5 3/16			Depth set_		
Drilling completed	Total depth	3			Perf. top		
Date shot	Depth of shot	2			Perf. botton		
Initial open flow	/10ths Water inInch	Liners Used		2 (60)	Perf. top Perf. botton		
Open flow after tubing	/10ths Merc. inInch						
	Cu. Ft.	CASING CEME			No. FT	Date	
	lbshrs. bbls., 1st 24 hrs.	COAL WAS EN	ICOMMEDED	A /TD	DDDM	THOUSE OF	
		COAL WAS EN					
	feetfeet						
Drillers' Names							
Remarks:							

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STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS DIVISION

Permit No. Way-	-1142P			We	II No	049
COMPAN COMM	r. Yes.	Carp	ADDRESS 6 1	arles	to	n,W
FARM DOZO	thy Bou	DISTRICT.	Bulles	COUNTY_Z	vay	ing
Filling Material Used	Clay	slo	ne Come	I		
Liner L	ocation	Amount	Packer	Location	1	
PLUGS USED	AND DEPTH PLACED		BRIDGES	CASIN	IG AND TU	BING
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Orillers' Names	ester J	ohn	son			
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		West V Dept. of	lirginia (1)			
9-19-66	I hereby certify I v	SEP RECE West v Dept. of	e well on this date			
DATE	Coroning I V	The approx	e well on this date.	P Par	11	
			1 19	DIST	108W18	12023

DEPARTMENT OF MINES OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No.		Oil or Gas Well				
Company	x2 1/32	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
Address		Size				
Farm		16			Kind of Pac	cer
Well No		10			Size of	
District	County	81/4				
Drilling commenced		65/8		-	Depth set_	
Drilling completed	Total depth	5 3/16 3	***************************************		Perf. top	
Date shot	Depth of shot	2			Perf. botton	
Initial open flow	/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing	/10ths Merc. inInch				Perf. botton	1
Volume	Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressure	lbshrs.	NAME OF SE	RVICE COMPA	ANY		
Oil	bbls., 1st 24 hrs.	COAL WAS EN	NCOUNTERED	AT	_FEET	INCHES
Fresh water	feetfeet	FEET	INC	HES	_FEET	INCHES
Salt water	feetfeet	FEET.	INC	HES	_FEET	INCHES
Drillers' Names		3				
Remarks:	€.					

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.

Set permanent bridge at 2044, which point is approx. 100 feet above top of shot, and fill from bridge with red mud or other nonporous material to 1770, which point is 10 feet below bottom of 7 inch casing.

Start pulling 7 inch casing, and set cement plug from 1770 to 1760 with crushed rock 1760 to 1755.

Fill with red mud etc. from 1755 to 1215, which point is 5 feet above top

Cement plug 1215 to 1205 with crushed 1205 to 1200.

Fill with red mud etc. from 1200 to 908, which point is 30 feet above top of Salt Sand.

Cement plug 908 to 898, with crushed rock 898 to 893.

Open hole from 893 to 416, which point is 50 feet below bottom of 8 inch casing.

Set permanent bridge at 416 and fill with red mud etc. to 366, which point is bottom of 8 inch casing.

Start pulling 8 inch casing, and continue filling with red mud etc. to surface.

Erect permanent marker, made of 6 inch steel pipe, filled with concrete. Marker to be cemented a minimum of 10 feet below, and 30 inches above ground, and 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.

24 HOURS IN ADVANCE OF PRUCCING

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

Gentlemen:

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

12 day of Lept

DEPARTMENT OF MINES Oil and Gas Division

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.	Commonwealth Gas Corporation Name of Well Operator			
Coll Operator				
Address	P.O. Box 1433, Charleston, W. Va. 25325 Complete Address			
1200 to 208, winter point is 30 feet	September 7, 1966			
Address Dorothy Louise Bowen Lease or Property Owner 2490 James River Road Huntington, West Virginia Address	Wayne County Well No. 649			
	City Barboursville, W Telephone RE-61933			
The undersigned well operator is about to aba	andon 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

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" AND 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.

O8/18/2023

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 1142 Permit Number

PORM OG-8

DEPARTMENT OF MINES OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

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08/18/2023



DEPARTMENT OF MINES

OIL AND GAS DIVISION

Rotary	
Spudder	

Cable Tools

INSPECTOR'S WELL REPORT

Storage

Permit No. Way	1/42P			Oil oi	Gas Well	
Compan Comm	yas Corp	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL		PACKERS
Address Chas	leston, wiva	Size				
Farm Daras	thy Bawen	16			Kind o	f Packer
Well No. 649		13			Size o	f
District 13 utles	County_Wayn	68½				
Drilling commenced		65/8			Depth	set
Drilling completed	Total depth	5 3/16				
Diffing completed	Total depth	3			Perf. t	op
Date shot	Depth of shot	2			Perf. k	oottom
Initial open flow	/10ths Water inInch	Liners Used		,		op
Open flow after tubing	/10ths Merc. inInch				Perf. k	oottom
Volume	Cu. Ft.	CASING CEME	ENTED	SIZE	No. 1	FTDate
Rock pressure	lbshrs.	NAME OF SERVICE COMPANY				
Oil	bbls., 1st 24 hrs.	s. COAL WAS ENCOUNTERED ATFEETINCH			INCHES	
Fresh water	feetfeet	FEET	INC	HES	_FEET_	INCHES
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Drillers' Names						

Remarks: Final inspedien made on this

DEPARTMENT OF MINES

OIL AND GAS DIVISION

Permit No	-			Wel	II No		
COMPANY	1.12		ADDRESS			50	
FARM		DISTRICT		COUNTY			
			TO PORT OF THE	V		3 1/2	
Filling Material Used			· · · · · · · · · · · · · · · · · · ·	3			
Liner Lo	cation	Amount	Packer	Location		1	
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Drillers' Names	A POR						
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Remarks:							
	I hereby certify I	visited the abo	ve well on this date.				
DATE	,						



STATE OF WEST VIRGINIA DEPARTMENT OF MINES CHARLESTON

September 26, 1966

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

In Re: Permit WAY-1142-Plugging

Company Commonwealth Ga s Corp.

Well NO. 649

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

November 7, 1958 Mr. James W. Pack, Inspector Oil and Gas Wells Hamlin, West Virginia Dear Mr. Pack: We are in receipt of application for permit to drill Well No. 649 on Dorothy Bowen Farm, Butler District, Wayne County from Commonwealth Gas Corporation. Permit number will be WAY-1142. Very truly yours, Crawford L. Wilson, Director WEST VIRGINIA DEPARTMENT OF MINES Assistant Director OIL AND GAS DIVISION MG/dm 08/18/2023 ·B-12



State of West Hirginia

Pepartment of Mines Gil and Gas Division Charleston 5

W. F. EIGENBROD DIRECTOR

October 21, 1966

GURMER WAMOCK DEPUTY DIRECTOR

Commonwealth Gas Corporation
P. O. Box 1433
Charleston 25, West Virginia 25325

In I	Re:	Permit	MAY 1710 P
		Farm	Dorothy Bowen
		Well No.	61.9
		District	Butler
		County	Wavne

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

sj

