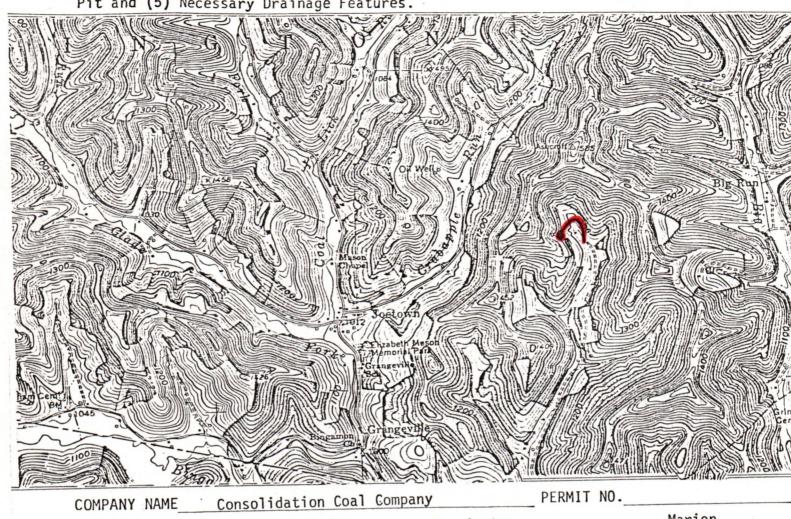
Consol Well #1474 WELL NO.

1: 24000 SCALE

Locate and show (1) Well Location (2) Access Road (3) Well Site (4) Drilling Pit and (5) Necessary Drainage Features



A. Ashcraft FARM

DISTRICT

Mannington

COUNTY

Marion

STATEMENT OF RECLAMATION PLAN:

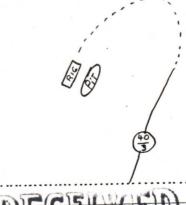
Within six months after the plugging of Consolidation Coal Company will fill all the pits introduced into the disturbed area by Consolidation Coal Company for the purpose of containing muds, cutting salt water, etc. Also, within such period, salt water, etc.

Consolidation Coal Company will grade or terrace and plant seed or sod the area disturbed, where necessary, to bind the soil

and prevent substantial erosion and sedimen-The surface owner of the disturbed

area has been notified of our reclamation plans.

Not to scale; drawing of all road locations, ditches, drains, pits, silt traps, etc.



MAY - 1 1980

OIL & GAS DIVISION DEPT. OF MINES

This plan was observed and agreed upon between the well operator, contractor, and the district oil and gas inspector.

Please indicate ( ) "YES" if the distributed or was present.

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Counce Title Topul

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RECEIVED

OIL & GAS DIVISION
DEPT. OF MINES

### EXHIBIT NO. 1



Plugging Technique To Be Utilized When A Previously Abandoned Well Cannot Be Cleaned Out To Its Total Depth MAY - 1 1980

OIL & GAS DIVISION

Since the inception of Consolidation Coal Company's well plugging program, NES a total of 30 previously abandoned oil and gas wells have been effectively plugged and a total of 8 wells have been successfully mined through.

Using the experience and technology gained from these successful operations, Consol proposes an alternate, safer method of plugging abandoned oil and gas wells.

The method proposed will enhance present day mining through safety standards by:

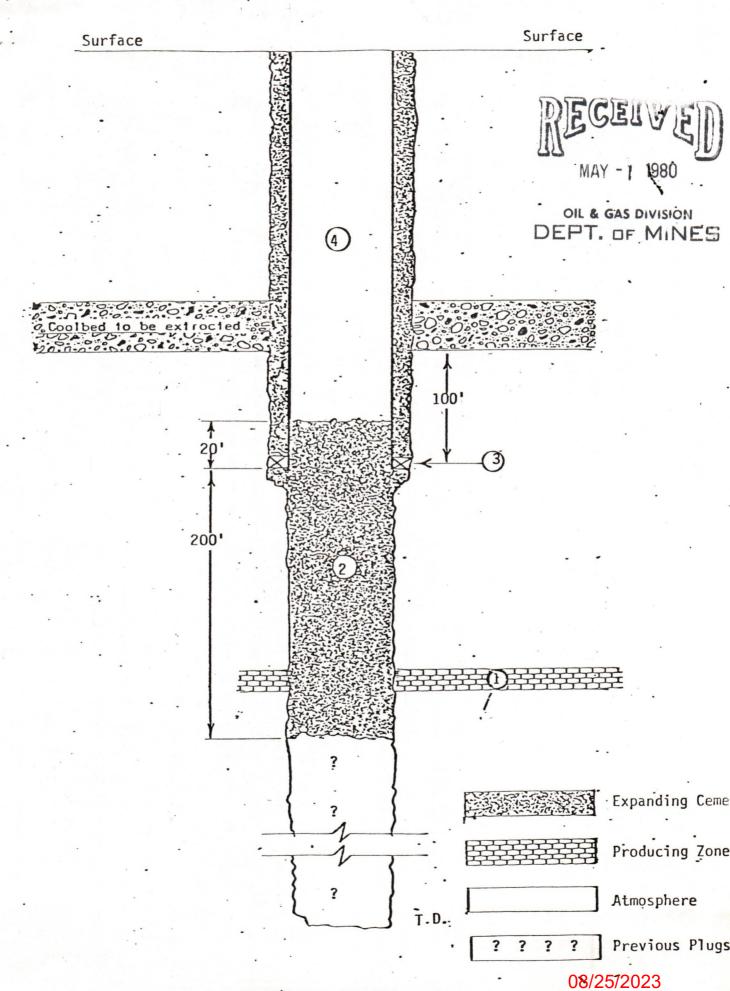
- 1. Allowing for more sealing material (expanding cement) in critical areas within the wellbore below the coal bed of interest.
- 2. Allowing for a positive indication of the environment within the wellbore across the coal seam.
- 3. Allowing for the use of the existing wellbore for other mine usages, i.e. methane drainage, power holes, etc.
- 4. Using a cleanout technique which lends itself more readily to rotary operations which are inherently safer than cable tool operations.

Therefore, it is felt that the proposed technique as set forth below will provide an alternate method of plugging abandoned wells, which is as safe or safer than today's method.

- 1. A diligent effort shall be made to clean the wellbore to total depth. If this depth cannot be reached, the wellbore will be cleaned out below the first possible hydrocarbon producing zone (1) and/or no less than 300' below the lowest mineable coal seam.
- 2. A 4½" vent pipe (or larger) shall be run into the wellbore to a depth 100 feet below the lowest mineable coal seam. This coal protection string of casing shall be cemented by circulation with expandable cement from the bottom of the casing to the surface using standard cementing practices. (3)
- 3. An expandable cement plug (2) will be set in the wellbore adhering to the following specifications:
  - a) The wellbore shall be filled with fluid from a point 300 feet below the lowest mineable coal seam to the surface, such that an over balanced condition will exist in the wellbore.

- b) While maintaining this overbalanced condition in the wellbore, an expandable cement plug shall be set through tubing by the "balanced plug" method. The bottom of said cement plug shall be no less than 300 feet below the lowest mineable coal seam and shall extend 20 feet (80 feet below the coalbed of interest) into the 4½" casing.
- c) After the cement has had adequate time to harden, the plug shall be tagged to verify the exact final location and condition of the plug.
- 4. In order to determine the effectiveness of the sealing project, all fluid shall be evacuated (4) from the wellbore. A vent shall then be installed on top of the casing in such a manner that will prevent liquids and solids from entering the well, but will permit ready access to the full internal diameter of the coal protection string when required.
- 5. Prior to commencement of "mining through" operation, Consol shall sample the atmosphere across the coal seam for methane. This sample will prove the effectiveness and condition of the sealing process.

total depth.



# MAY 2 3 1980

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

OIL & GAS DIVISION
DEPT. OF MINES

### INSPECTOR'S PLUGGING REPORT

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May 21 1980 I hereby certify I visited the above well on this date.

William J. Blosser #5 08/25/2023
William & Blosser #5 08/25/2023

IL & GAS DIVISION

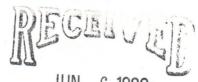
### STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES

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#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



JUN 6 1980

OIL & GAS DIVISION

### INSPECTOR'S PLUGGING REPORT

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June 4,1980 I hereby certify I visited the above well on this date.

Contractor, Brummage Drilling Co.

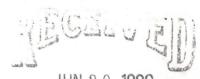
William J. Blosser 45028/25/2023
William & Blosser 45028/25/2023

# DEPARTMENT OF MINES

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### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



INSPECTOR'S PLUGGING REPORT OIL & GAS DIVISION

DEPT OF MINES

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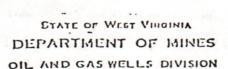
08/25/2023

DISTRICT WELL INSPECTOR

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

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### NOTICE OF INTENTION TO PLUG AND ABANDON WELL OIL & GAS DIVIS: N (REQUINTE BY SECTION 9. ARTICLE 4. CHAFTER 22 OF THE CODE) DEPT. OF MINES

To THE DEPARTMENT OF MINES, Charleston, W. Va.	v
Consolidation Coal Company	Consolidation Coal Company
Conl Operator	Name of Well Operator
. p.o. Box 1314, Morgantown, WV 26505	P.O. Box 1314, Morgantown, WV 26505
Address	Complete Address
Same	
Coal Owner	Date
e de la company de la comp	WELL TO BE ABANDONED  Mannington District
Address	The second secon
Paul Hawkins	County
Lease or Property Owner	Well No. Consol Well No. 1474
RFD Mannington, WV	A. Ashcraft Farm
Address	
Inspector William Blosser, Colfax, WV.	Telephone 363-9105
Gentlemen:  The undersigned well operator is about to abar	ndon the above described well and will commence
the work of plugging and abandoning said well on not be less than five days after the day on which should be received by the Department of Mines).	the date inspector is notified (which date shall this notice so mailed is received, or in due course
This notice is given you in order that your resplugging and filling of said well. You are further represented the undersigned will proceed on that well in the manner required by Section 10, Article the reverse side of this notice, in "Work Order."	notified that whether you are represented or not date, or shortly thereafter, to plug and fill said
This notice is being mailed by registered mai above date.	l to each of you at the above addresses on the
	Very truly yours,  George M. Conner Well Operator
NOTE: Upon the abandonment of any well drilled registered engineer, shall be filed with THREE CO "WORK ORDER" AND TWO COPIES OF THE show the district and county in which the tract of	WELL RECORD (OG-10). The map must

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, in compliance with Rule 5 of the Rules and

NOTE: In case plugging is not commenced within four months from the date of permit, same

(Formerly:

47-049-0669-R-P BLANKET BOND

Permit Humber

MAR - 452 - A)

shall expire and be of no further force or effect.

NOTE: PERMIT IS NOW TRANSFERABLE.

Regulations.

# PROPOSED MANNER OF PLUGGING AND FILLING WELL

(BLUMBIU BY BULTS AND BLOULATIONS)

# WEST VIRGINIA DEPARTMENT OF MINES

### WORK ORDER

Well to be plugged and filled as follows:

- 1. Clean out wellbore to T.D., if practical.
- Fill wellbore with fluid such that an "overbalanced" condition exists in the wellbore.
- 3. Set through tubing, by the "balanced plug" method, an expandable cement plug adhering to the following specifications:
  - a. The bottom of the cement plug shall be no less than 300' below the lowest mineable coal seam and shall extend to no less than 100' below the lowest mineable coal seam.

    (The plug shall be no less than 200' in length).
- 4. Run  $4\frac{1}{2}$ " 0.D. vent pipe to the top of the expandable cement plug (100' below the lowest mineable coal seam).
- 5. Cement the 10" x  $4\frac{1}{2}$ " annulus from the bottom of the  $4\frac{1}{2}$ " 0.D. casing to the surface and 20' inside the  $4\frac{1}{2}$ " 0.D. pipe with expandable cement.

(See Exhibit No. 1)

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

PLEASE SUBMIT REVESED WELL RECORD WHEN WORK IS COMPLETED.

### 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.

George M. Conner Well Operator

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

day of May 2, 1980

DEPARTMENT OF 08/25/2023
Oil and Gas Division

By: Johnson

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



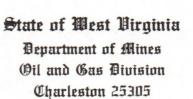
AFFIDAVIT OF PLUGGING AND FILLING WELL & GAS DIVISION

Consolidation C	DE MADE IN TRIPLICATE, ONE SIND COPY (AND EXTHA COPIES IF REQUIRE Coal Company	Consolidation Coa		3
COAL OF	Morgantown, WV 26505	P. O. Box 1314, N	WELL OFFRATOR WV	26505
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	ADDRESS			
Paul Hawkins	PROPERTY OWNER	Marion	1474	County
R.F.D., Manning		Well No. Consol We	ell No. 1474	
	ADDRES	A. Ashcraft	- 3	Farn
PATE INSPECTOR S	UPERVISING PLUGGING.	/		
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Seal 1066' - 1 cement from 10 sacks expandin Broke every co to surface. 642'. Ran. 4½ sacks Pozzmix cement from 7 down plug at	088'. Set 135 sacks exp. 66' - 988' (tagged). Se g cement from 988' - 725 111ar in 10" from 688' to ut 10" casing at 646', 6 casing from 725' - 0'. followed by 55 sacks exp. 5' - 0'. Float collar a	' (tagged) ' (tagged) ' surface		
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Seal 1066' - 1 cement from 16 sacks expandin Broke every co to surface. 642'. Ran. 4½ sacks Pozzmix cement from 7 down plug at  Note: 4½" ca	1088'. Set 135 sacks exp.   166' - 988' (tagged). Set   166' - 988' (tagged). Set   166' - 725   166' - 168'   1	' (tagged) ' surface 44', and Pump 460 anding and latch  fiberglass		
Seal 1066' - 1 cement from 16 sacks expandin Broke every co to surface. 642'. Ran 4½ sacks Pozzmix cement from 7 down plug at  Note: 4½" ca	088'. Set 135 sacks exp. 66' - 988' (tagged). Se g cement from 988' - 725 111ar in 10" from 688' to ut 10" casing at 646', 6 casing from 725' - 0'. followed by 55 sacks exp. 5' - 0'. Float collar a	' (tagged) ' surface 44', and Pump 460 anding and latch  fiberglass		IUMENT
Seal 1066' - 1 cement from 16 sacks expandin Broke every co to surface. 642'. Ran. 4½ sacks Pozzmix cement from 7 down plug at  Note: 4½" ca	1088'. Set 135 sacks exp.   166' - 988' (tagged). Set   166' - 988' (tagged). Set   166' - 725   166' - 168'   1	' (tagged) ' surface 44', and Pump 460 anding and latch  fiberglass		IUMENT
Seal 1066' - 1 cement from 16 sacks expandin Broke every co to surface. 642'. Ran. 4½ sacks Pozzmix cement from 7 down plug at  Note: 4½" ca	1088'. Set 135 sacks exp.   166' - 988' (tagged). Set   166' - 988' (tagged). Set   166' - 725   166' - 168'   1	' (tagged) ' surface 44', and Pump 460 anding and latch  fiberglass	SCRIPTION OF MON	IUMENT
Seal 1066' cement from 16 sacks expandin Broke every co to surface. 642'. Ran. 4½ sacks Pozzmix cement from 7 down plug at  Note: 4½" ca  COAL SEAN:S Pittsburgh co March And Orther de	of plugging and filling sai  not plugging and filling sai  ponents saith not.	t 126  ' (tagged) surface 44', and Pump 460 anding and latch  fiberglass	scription of Mon	day
Seal 1066' - cement from 16 sacks expandin Broke every co to surface. 642'. Ran. 4½ sacks Pozzmix cement from 7 down plug at  Note: 4½" ca  COAL SEAN:S Pittsburgh co March  And further de	of plugging and filling sai  not plugging and filling sai  ponents saith not.	d well was completed on	the 8	day

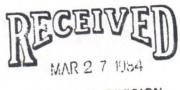
DEPT OF MINES

08/25/2023





FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT



OIL & GAS DIVISION
DEPT. OF MINES

		DIST. & COUN	TY MANN	WETON MART
			IN COMPLIA	NO NO
RULE	DESCRIPTION		100	
23.06	Notification Prior to Starting Work			
16.01	Required Permits at Wellsite		and the state of t	Committee of the control of the spherosis
17.02	Method of Plugging	_		Control of the Contro
18.01	Materials used in Plugging			
23.02	Maintained Access Roads			
25.01	Necessary Equipment to Prevent Waste			
23.04	Reclaimed Drilling Pits		_	
23.05	No Surface or Underground Pollution		L	
17.06	Statutory Affidavit			was producted to the same of the
7.06	Parties Responsible			-
7.05	Identification Markings	•		
I HAVE	INSPECTED THE ABOVE CAPTIONED WELL AN	ID RECOMMEND	THAT IT BE	RELEASED:
		SIGNED (		8 Elli
		DATE 2/1	Ind!	
Your A	ffidavit of Plugging was received and	reclamation	requirement	ts approved.
The we	11 designated by the above permit numb	er has been	released un	nder your bond.
	a other	1	11 4	1
in	och was complete	1-4	7 / -	70
	e + energy	Administra	tor-0il & (	Gas Division
ne o	Started work			
	2RE		DATE	

(ISVIEDED)

DEPT. OF MINES

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# Etate of West Virginia Department of Mines Gil and Gas Division Charleston 25305

WALTER N. MILLER DIRECTOR THEODORE M. STREIT ADMINISTRATOR

May 3, 1984

Consolidation Coal Company P. O. Box 1314 Morgantown, W. Va. 26507

In Re:	PERMIT NO:	47-049-0669-RED-P
	FARM: A.	Ashcraft
	WELL NO:	1474
•	DISTRICT:	Mannington
	COUNTY:	Marion
	ISSUED:	May 2, 1980

#### Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. Only the column checked below applies:

XXXXXXThe well designated by the above permit number has been released under your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

Theodore M. Streit, Administrator Office of Oil & Gas - Dept. Mines

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

# INSPECTOR'S PLUGGING REPORT

DARK School	ation Coal Co		ADDRESS Morgantow				
ABM	ERTEUR LINES DES EN MAN EN ERTEUR DE LA MAN EN MAN EN	DISTRIC	Mannington (	COUNTY Mar	ion		
illing Material Used						-	
	SCANNEY (200 STYLESSES) STANDARD (SCANNEY CONTROL CONTROL CONTROL CONTROL CONTROL CONTROL CONTROL CONTROL CONTROL			And the second property of the dealer and the second property and the accessory		and the last of th	
iner Loca	tion	Amount	Packer	Location			
PLUGS USED AN	D DEPTH PLACED		BRIDGES	CABING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOS	
				-	-		
ON CAMPINE PLANT CONTROL CONTR	T.D	11001					
Bottom plug set	at1101	-1080' Clay	7				
Cal seal-	1080-	-1066					
expanding cement							
Expanding cement	emm sict mile cost com com voca tink 988 tink	750*					
Trying to pull 1	O' casing						
				*			
		Million or country of a filter and a control or country decided					
lers' Names H. Mol	Cinney	A. Richar	da				
V 44.5							
narks:					Canal Const		
Contra	actor, Brummag	e Drilling	Co.			(3)	
				JUL	1 1 198	en d	
					- 106		
				DEFT.	S DIVIS	OH	
				1 1 1	IF MI	VEC	

Willian

William J. Blosser #502 08/25/2023

DISTRICT WELL INSPECTOR

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

Company		CASING AND	DRILLING .	Left in Well	PACKERS
Address		Size			
Farm	AND TO CESTION AND RESIDENCE TO THE RESIDENCE OF CONTRACT AND	16			Kind of Packer
Well No.		13			
District	County	814			Size of
Drilling commenced	The Wall-Goods Science Conference	6 sv <sub>8</sub>			Depth set
	Total depth	5 3/16			Depth set
	Depth of shot	2			Perf. top
nitial open flow	/10ths Water inIncl	1	1		Perf. bottom Perf. top
pen flow after tubing	/10ths Merc. inInch				Perf. bottom
olu.ne	Cu. Ft.	CASING CEMEN	TED	SIZE	_No. FTDat
ock pressure	lbshrs.	NAME OF SERV	VICE COMPAN	Y	No. F1Dat
	bbls., 1st 21 hrs.	1	OUNTERED A	т	EETINCHE
	feetfeet	FEET_			EETINCHES
lt water	feetfeet				EETINCHES
illers' Names				11	INCHES
		6			

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

## INSPECTOR'S PLUGGING REPORT

ner Lo	eation	Amount	Packer	Location		
PLUGG USED	AND DEPTH PLACED	Ph. (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	PRIDGES	CABIN	G AND T	UBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
инин компоний и под при на при на На при на		TOO TO THE RESIDENCE OF THE PROPERTY OF THE PR				
ET-LEVER STATES AND ST						
	T.D 1	100 * 0	l 1 most		-	
			nted to 725°	1		
	10 Casin	g to 688	Ripped to surface, Unable	to pull.		
	After logg	ing , pake	r will be set below coal	and run 4	/2 cas	sing wit
to the first term of the second section of the section of the second section of the sectio						
The advisor	squeeze jo	0,10 W1!	l be cut across coal alor	re with 4 1/	2 cas:	ng
	Will be sw	pervised	by this inspector when re	eady.		

OIL & GAS DIVISION
DEPT. OF MINES

July 23, 1980 I hereby certify I visited the above well on this date.

William & Blasse

William J. Blosser #50:08/25/2023

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

Company	Walker Middler not sent or general constitution of the sent of the	CASING AND TUBING	DRILLING	Left in Well	PACKERS
Address	SOUTH AND THE STATE OF THE STAT	Size			
P & P 77 A consequence of the constant of the	THE RESIDENCE OF THE PROPERTY	16			Kind of Packer
Well No					1960 20 10 10 10 10 10 10 10 10 10 10 10 10 10
	County	814			Size of
Drilling commenced		6%			Depth set
Drilling completed	Total depth	5 3/16			D. P. H. Set
	Depth of shot	2	1		Perf. top
	/10ths Water inInc		th.		Perf. bottom Perf. top
	/10ths Merc. inInc				Perf. bottom
	Cu. F		ren		-6-
	lbshr:		ICE COMPANY	SIZE	_No. FTDat
Dil	bbls., 1st 24 hrs				
	feetfee				EETINCHE
alt water	feetfeet				EETINCHES
rillers' Names			INCHES	F	EETINCHES
UI-					#.

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

# INSPECTOR'S PLUGGING REPORT

COMPANY Congold	lobion C -		The second secon	W	ell No	# 147	
S WOODS 6 84.84 & converience belle	Tation Coal Co	mpany	ADDRESS Morgantown	West Virgin	ia.		
PARM. Ashcraf	And the second s	DISTRIC	CT Hamington		Service of the servic	Section Sectio	
				COUNTY Mar	ion		
Filling Material Used	Expanding and	pos mix c	ement				
PORT AND THE SECOND CONTRACTOR OF THE SECOND C	cation	Amount	Packer				
	AND DEPTH PLACED			Location	1		
CEMENT-THICKNESS	A STATE OF THE STA		BRIDGES	CASIN	CASING AND TUBING		
	WOOD-81ZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST	
	688° of	10' casin	g left in well.Ripped a				
			e rett in Well Ripped a	t every join	t		
	Expanding	cement p	umped from 1100' to 725'	,			
		e set at					
	FXXXXXXX						
	Ran 4 1/2	casing to	622' 30' joint of fibe				
3.71	4 1/2 the	n man to 5	7521D	erglass pipe	set to	6521	
And the control of th	944	44 4 441 60	752'Reason for fiberglas	s is to elim	inate	sparks	
	when cutt	ing throng	ch coal.				
		The service of the se	702 with latch down plu				
			umped to 600'	•			
			to surface, Plugging con	mm7 o h o 7			
ers' Names	Hugh Mckinney	Albe	ert Richards	apre Leg			
arks:	CONTRACTOR OF THE STATE OF THE						
	Contractor	Brummaca	Drilling Co.	DECE	WET	7	
	Cemented by			The second	alf	]]	
				AUG 11	1979		
	M S.H.A Rej	p. Charlie	Bush	,,00			

OIL & GAS DIVISION MEET. OF MINES

Consol. Proj. Engineer, Mike Conners

August 7,1980 I hereby certify I visited the above well on this date.

William J. Blosser #50

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

# INSPECTOR'S WELL REPORT

descriptions of the contract o			Gas Well		
Company		CASING AMD TUBING	DRILLING	Left in Well	PACKERS
Address	Standagnagogapas Standagogapas on an estados de competencia de la competencia del la competencia de la competencia del la competencia de la competencia de la competencia de la competencia del la compete	Size			
Parm		16			Kind of Packer
Well No		13			
	County	814			Size of
Drilling commenced	TOTAL STREET, LACON SECURITY DESCRIPTION OF THE PROPERTY OF TH	6%	and the second		Depth set
Drilling completed	Total depth	5 3/16			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
Volune	Cu. Ft.	CASING CEMEN	TED	_SIZE	No. FTDate
Rock pressure	lbshrs.	NAME OF SERV			
	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	EETINCHES
resh water	feetfeet	FEET_	INCHE	SF	EETINCHES
Salt water	feetfeet				EETINCHES
Orillers' Names	•	and an annual section of the State of the St			
	•				
lemarks:			8 4	2	

08/25/2023

