



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

SEP 8 1976

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 2, 1976

Surface Owner Westvaco Corporation
Address _____
Mineral Owner Cabot Corporation
Address Charleston, W. Va. 25322
Coal Owner _____
Address _____
Coal Operator _____
Address _____

Company RAY RESOURCES, DIVISION OF FLYING DIAMOND OIL CORPORATION
Address 630 Commerce Sq., Chas., WV 25301
Farm E. Somerville (Cabot) Acres 61
Location (waters) Big Run of Somerville Fork
Well No. (1) 727 Elevation 1026'
District Reedy County Wirt
Quadrangle Spencer

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 1-8-77

Inspector to be
Notified Paul K. Goodnight
Address Smithville, W. Va.
Phone: 477-2455

[Signature]
Deputy Director - Oil & Gas Division
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 2, 1975 by Seneca Oil Company made to Ray Resources and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____
XXX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

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, RAY RESOURCES, DIVISION OF FLYING DIAMOND OIL CORPORATION
(Sign Name) *[Signature]*
Well Operator

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505

Address of Well Operator
630 Commerce Square
Street
Charleston,
City or Town
West Virginia 25301/12/2024
State

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

BLANKET BOND

15
00

15
00

15
00

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

01/12/2024

For Coal Company

Official Title



RECEIVED

SEP 22 1976

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Rotary XX Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ **DRY**
(Kind)

Quadrangle Spencer

Permit No. WIRT-706

RAY RESOURCES, DIVISION OF
Company FLYING DIAMOND OIL CORPORATION
Address 630 Commerce Sq., Chas., WV 25301
Farm E. Somerville (Cabot) Acres 61
Location (waters) Big Run of Somerville Fork
Well No. 727 Elev. 1026'
District Reedy County Wirt
The surface of tract is owned in fee by Westvaco Corporation
Address New York, New York
Mineral rights are owned by Cabot Corp.
Address Charleston, W. Va.
Drilling Commenced 9-12-76
Drilling Completed 9-15-76
Initial open flow DRY HOLE cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			To surf.
Cond. 13-10"			
9 5/8			
8 5/8	207'	207'	
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

DRY HOLE - PLUGGED AND ABANDONED

Attach copy of cementing record.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Rock			0	219		
Sand and Shale			219	1000		
Sand			1000	1050		
Sand and Shale			1050	1308		
Sand			1308	1340		
Sand & Shale			1340	2040		
Injun Sand			2040	2285		
Shale			2285	2642		
Sunbury Shale			2642	2655		
Shale			2655	2704		
				2704	T.D.	

01/12/2024

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks

01/12/2024

Date September 17, 19 76

APPROVED BY RAY RESOURCES, DIVISION OF FLYING DIAMOND OIL CORPORATION, Owner

By Tom Logsdale
Geologist (Title)

B-2

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

RECEIVED

SEP 14 1976

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Wir-706

Oil or Gas Well _____
(KIND)

Company <u>Ray Resources Div of F.D.O.C</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>E. Somerville</u>	16			Kind of Packer _____
Well No. <u>(1) - 727</u>	13			
District <u>Reedy</u> County <u>Wirt</u>	10			Size of _____
Drilling commenced _____	8 1/4			
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 _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Starcher

Contr - Clint Hunt & Assoc - Rotary Fluid

Remarks:

Permit O.K.

W Res Notified

9-10-76

DATE

[Signature]
DISTRICT WELL INSPECTOR

01/12/2024

B-3

OG-11

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

RECEIVED

SEP 16 1976

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Wir-704

Oil or Gas Well _____
(KIND)

Company Ray Resources Div of F.D.O.C

Address _____

Farm E. Somerville

Well No. (1) - 727

District Reedy County Wir

Drilling commenced 9-10-76

Drilling completed 9-14-76 Total depth 2704

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4 <u>8 5/8</u>	<u>207</u>		
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 5/8 SIZE 207 No. FT. _____ Date _____
Cem to Surface 100 Bag
 NAME OF SERVICE COMPANY Dowell

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Starcher

Remarks: Contr - Clint Hart & Assoc Rotary - Fluid

Logging

9-14-76

DATE

[Signature]
 DISTRICT WELL INSPECTOR

01/12/2024

B-4



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 25305

September 30, 1976

JOHN ASHCRAFT
Director

ROBERT L. DODD
Deputy Director

Paul Goodnight
Smithville, W.Va.

WIRT-706-P

PERMIT	
COMPANY	Ray Resources
FARM	E. Somerville (Cabot)
WELL NO	727
DISTRICT	Reedy
COUNTY	Wirt

Dear Sir:

Please make a final inspection of the well described above.

Very truly yours,

Robert L. Dodd

RLD/ Chm

P.S. Paul, whenever we receive a correct linen plat - I will send you a copy....

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, in compliance with Rule 5 of the Rules and Regulations.

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 NON TRANSFERABLE.

BLANKET BOND

WIRT - 706 - P

47-105

Permit Number

AFFIDAVIT, FORM OG-8, MANNER WELL PLUGGED MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL UNDER BOND.

01/12/2024

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:

Gel	T.D. 2704 - 2680'
Cement	2680 - 2630'
Gel	2630 - 2230'
Cement	2230 - 1940
Gel	1940 - 1670'
Cement	1670 - 1560'
Gel	1560 - 220'
Cement	220 - 0'

Erect Monument

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

IF PARTIAL PLUGGING
PLEASE SUBMIT REVISED 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.

Very truly yours, RAY RESOURCES, DIVISION OF
FLYING DIAMOND OIL CORPORATION

Tom Fitzgerald
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

15th day of Sept., 1976.

Verbal Permission

DEPARTMENT OF MINES
Oil and Gas Division

01/12/2024

By: *[Signature]*

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.

B-12

FORM OG-8

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

RECEIVED

SEP 29 1976

OIL & GAS DIVISION
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

COAL OPERATOR OR OWNER	RAY RESOURCES, DIVISION OF FLYING DIAMOND OIL CORPORATION
ADDRESS	630 Commerce Sq., Chas., WV 25301
COAL OPERATOR OR OWNER	NAME OF WELL OPERATOR
ADDRESS	September 17, 19 76
LEASE OR PROPERTY OWNER	WELL AND LOCATION
Charleston, W. Va. 25322	Reedy District
ADDRESS	Wirt County
	Well No. #727
	E. Somerville (Cabot) Farm

STATE INSPECTOR SUPERVISING PLUGGING K. Paul Goodnight, Smithville, W. Va.

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Kanawha } SS:

Tom Ragsdale and Bill Endicott
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Ray Resources, Div. of F.D.O.C., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 15th day of September, 19 76, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
	Gel T.D. 2704 - 2680'			
	Cement 2680 - 2630'			
	Gel 2630 - 2230'			
	Cement 2230 - 1940'			
	Gel 1940 - 1670'			
	Cement 1670 - 1560'			
	Gel 1560 - 220'			
	Cement 220 - 0'			
COAL SEAMS		DESCRIPTION OF MONUMENT		
(NAME)				
(NAME)				
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 15th day of September, 19 76.

And further deponents saith not.

Sworn to and subscribed before me this 21st day of September, 19 76.

My commission expires:
August 8, 1978

Tom Ragsdale
Bill Endicott
Helen Mae Snodgrass
Notary Public.

01/12/2024

Permit No. WIR-706-P

B-12



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

May 12, 1978

Ray Resources Corporation
Division of Flying Diamond Oil Co.
630 Commerce Square
Charleston, W.Va. 25301

Attn: Tom Ragsdale

In Re: Permit No. WIRT-706-P
Farm E. Somerville (Cabot)
Well No. (1) 727
District Reedy
County Wirt

Gentlemen:

The final inspection report for the well which is described above has been received in this office. Only the column checked below applies.

XXXXXX The bond covering the well designated by the above permit number has been released under your Blanket Bond.

 Please return the enclosed cancelled 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.

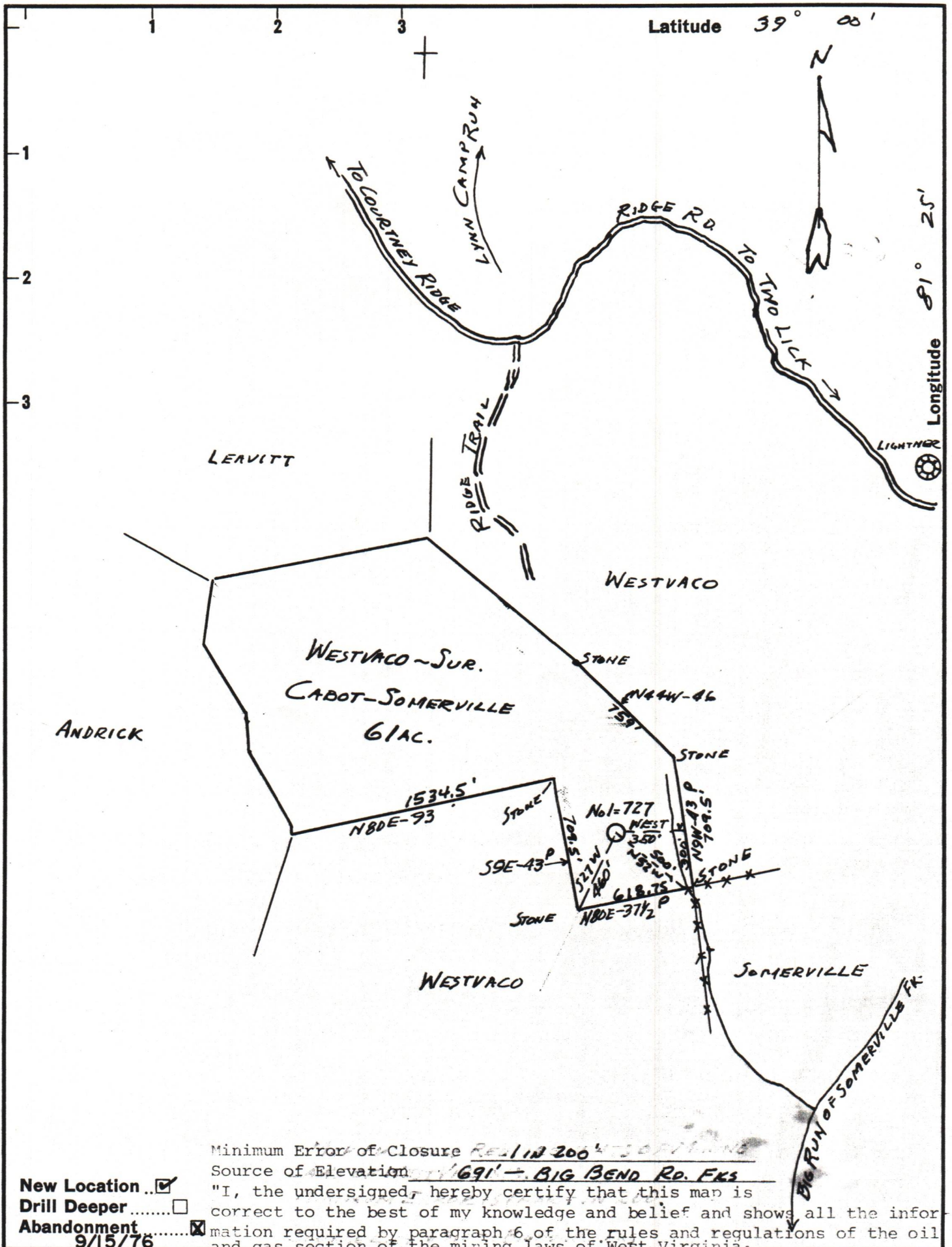
Very truly yours,

Deputy Director
Oil and Gas Division

RLD/chm

Enclosure:

01/12/2024



Minimum Error of Closure REL IN 200' TO SPITTING

Source of Elevation 691' - BIG BEND RD. FKS

New Location
 Drill Deeper
 Abandonment
 9/15/76

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Company RAY RESOURCES DIV. OF F.D.O.C.
 Address COMMERCE SQ. CHARLESTON, W. VA.
 Farm WESTVACO SUR - CABOT-SOMERVILLE - 0.6 M.
 Tract _____ Acres 61 Lease No. _____
 Well (Farm) No. ONE Serial No. 727
 Elevation (Spirit Level) 1026 FT.
 Quadrangle SPENCER
 County WIRT District REEDY
 Engineer Glen W. Roberts
 Engineer's Registration No. 860
 File No. _____ Drawing No. _____
 Date 8-30-76 Scale 1 IN = 660 FT.

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

WELL LOCATION MAP
 FILE NO. WIR-706-P

01/12/2024

+ 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.

47-105

15

15

15

01/12/2024

B-8



RECEIVED
SEP 22 1976
OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS 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.

_____	RAY RESOURCES, DIVISION OF FLYING DIAMOND OIL CORPORATION
Coal Operator	Name of Well Operator
_____	630 Commerce Square
Address	Charleston, W. Va. 25301
_____	Complete Address
Coal Owner	September 15, 1976
_____	Date
Address	WELL TO BE ABANDONED
Cabot Corporation	Reedy _____ District
Lease or Property Owner	Wirt _____ County
Charleston, W. Va. 25322	Well No. 727
Address	E. Somerville (Cabot) _____ Farm

Inspector K. Paul Goodnight, Smithville, W. Va. Telephone 477-2455

TO BE NOTIFIED 24 HOURS IN ADVANCE OF PLUGGING OPERATIONS

Gentlemen:—

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.

RAY RESOURCES, DIVISION OF
FLYING DIAMOND OIL CORPORATION
Very truly yours,

Tom Rogsdale
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, in compliance with Rule 5 of the Rules of the Department of Mines. 01/12/2024

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 NON TRANSFERABLE.

BLANKET BOND

WIRT - 706 - P
47-105 Permit Number

AFFIDAVIT, FORM OG-8, MANNER WELL PLUGGED MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL UNDER BOND.

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:

Gel	T.D. 2704 - 2680'
Cement	2680 - 2630'
Gel	2630 - 2230'
Cement	2230 - 1940'
Gel	1940 - 1670'
Cement	1670 - 1560'
Gel	1560 - 220'
Cement	220 - 0'

Erect Monument

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

IF PARTIAL PLUGGING
PLEASE SUBMIT REVISED 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.

Very truly yours, RAY RESOURCES, DIVISION OF
FLYING DIAMOND OIL CORPORATION

Tom Loydale

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

15th day of Sept., 19-76

Verbal Permission

DEPARTMENT OF MINES
Oil and Gas Division

01/12/2024

By: *[Signature]*

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

RECEIVED

SEP 8 1976

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 2, 1976

Surface Owner Westvaco Corporation

Company RAY RESOURCES, DIVISION OF
FLYING DIAMOND OIL CORPORATION

Address _____

Address 630 Commerce Sq., Chas., WV 25301

Mineral Owner Cabot Corporation

Farm E. Somerville (Cabot) Acres 61

Address Charleston, W. Va. 25322

Location (waters) Big Run of Somerville Fork

Coal Owner _____

Well No. (1) 727 Elevation 1026'

Address _____

District Reedy County Wirt

Coal Operator _____

Quadrangle Spencer

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

Inspector to be

Notified Paul K. Goodnight

Address Smithville, W. Va.

Phone: 477-2455

All provisions being in accordance with Chapter 22,
of the W. Va. Code, the location is hereby approved
for drilling. This permit shall expire if
operations have not commenced by 1-8-77

Robert T. [Signature]
Deputy Director - Oil & Gas Division
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 2, 1975 by Seneca Oil Company made to Ray Resources and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____
XXX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

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, RAY RESOURCES, DIVISION OF
FLYING DIAMOND OIL CORPORATION
(Sign Name) Tom Hogsdale
Well Operator

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505

Address
of
Well Operator

630 Commerce Square
Street

Charleston,
City or Town

West Virginia 25301
State

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

BLANKET BOND

**THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO XXX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME F.W.A. Drilling, Inc. NAME Bill Endicott
 ADDRESS Elkview, W. Va. 25071 ADDRESS Box 234, Culloden, W. Va.
 TELEPHONE 965-3379 TELEPHONE 743-9067
 ESTIMATED DEPTH OF COMPLETED WELL: 2700' ROTARY XXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Berea
 TYPE OF WELL: OIL XXX GAS _____ COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10 <u>11-3/4</u>	<u>30'</u>	<u>30'</u>	<u>To Surf</u>
9 - 5/8			
8 - 5/8	<u>250'</u>	<u>250'</u>	<u>To Surf</u>
7			
5 1/2			
4 1/2	<u>2700'</u>	<u>2700'</u>	<u>75 Sks.</u>
3			<u>Perf. Top</u>
2			<u>Perf. Bottom</u>
Liners			<u>Perf. Top</u>
			<u>Perf. Bottom</u>

APPROXIMATE FRESH WATER DEPTHS 100' FEET _____ SALT WATER 1700' FEET _____
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? NO BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title

01/12/2024

Parcel No.

A-12

Computed By

Owner

Checked By

Acres

Station	Bearing	Distance	Function		Latitude		Departure		D.M.D.	Double Area	
			Cosine	Sine	No. +	So. -	E. +	W. -		North	East
N22E	460										
E0	350										
1-2	N27E	460	.891006		409.86		208.82				
2-3	W	350			350		350				
3-1							350				



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

SEP 8 1976

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 2, 1976

Surface Owner Westvaco Corporation

Company RAY RESOURCES, DIVISION OF FLYING DIAMOND OIL CORPORATION

Address _____

Address 630 Commerce Sq., Chas., WV 25301

Mineral Owner Cabot Corporation

Farm E. Somerville (Cabot) Acres 61

Address Charleston, W. Va. 25322

Location (waters) Big Run of Somerville Fork

Coal Owner _____

Well No. (1) 727 Elevation 1026'

Address _____

District Reedy County Wirt

Coal Operator _____

Quadrangle Spencer

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 1-8-77

Inspector to be
Notified Paul K. Goodnight
Address Smithville, W. Va.
Phone: 477-2455

Robert L. ...
Deputy Director - Oil & Gas Division
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 2, 1975 by Seneca Oil Company made to Ray Resources and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____
XXX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

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, Tom Fogdale
(Sign Name) _____
Well Operator

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505

Address
of
Well Operator

630 Commerce Square
Street
Charleston,
City or Town
West Virginia 25301
State

09/12/2024

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

BLANKET BOND

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title

01/12/2024

Date 8-30-76 Scale 1"=660 FT.

File No. _____ Drawing No. _____

Engineer's Registration No. 860

Engineer Shirley J. Roberts

County WIRT District REEDY

Quadrangle SPENCER

Elevation (Spirit Level) 1026 FT.

Well (Farm) No. ONE Serial No. 727

Tract _____ Acres 61 Lease No. _____

Farm WESTVACO SUR- CABOT-SOMERVILLE-06M

Address Commerce Sq. Charleston, W. Va.

Company Bay Resources Div. of F.D.C.

WELL LOCATION MAP

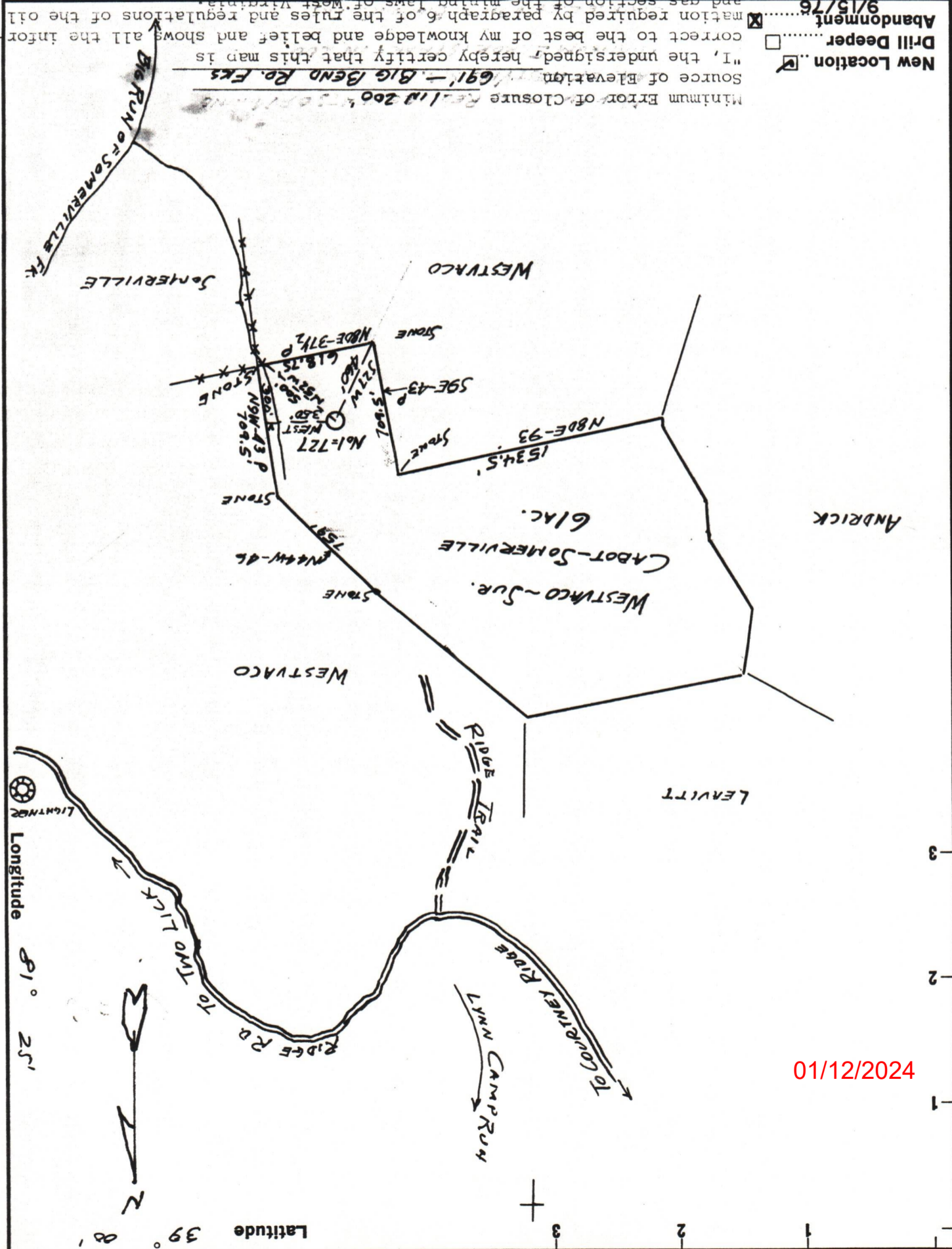
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

FILE NO. WIR-706-P

47-105

+ 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.

Minimum Error of Closure 1 in 200
Source of Elevation 691' - Big Bend Re. Eks
"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the Mining Laws of West Virginia."
 New Location
 Drill Deeper
 Abandonment 9/15/76



01/12/2024