



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.
Harry C. McPherson & Ona T. McPherson
Rockport, W. Va.

COAL OPERATOR OR COAL OWNER

Columbian Carbon Company

NAME OF WELL OPERATOR

ADDRESS
C. C. Pfalzgraf & Mattie Pfalzgraf
Rockport, W. Va.

COAL OPERATOR OR COAL OWNER

Box 873, Charleston 23, W. Va.

COMPLETE ADDRESS

June 27, 1950

19

PROPOSED LOCATION

ADDRESS
C. M. Florence & Louise Florence
Rockport, W. Va.

OWNER OF MINERAL RIGHTS

Steele

District

Wood

County

Well No. 1 - GW-1154

39° 05'
81° 30'

H. C. McPherson, et al

Farm

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 _____, made by _____, to _____, and recorded on the _____ day of _____, in the office of the County Clerk for said County in Book _____, page _____.

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

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

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

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

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective addresses _____ 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,

COLUMBIAN CARBON COMPANY

by: O. W. Van Petten, Vice Pres.

WELL OPERATOR

Box 873

STREET

Address of Well Operator }

Charleston 23

CITY OR TOWN

W. Va.

STATE

12/15/2023



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

329

A-1.0

COLUMBIAN CARBON COMPANY
903 SECURITY BUILDING
POST OFFICE DRAWER 873
CHARLESTON 23, W. VA.

March 13, 1952

West Virginia Department of Mines
Oil and Gas Division
State Capitol Building
Charleston 5, W. Va.

Re: GW-1154, H. C. McPherson #1

Gentlemen:

We enclose the following in connection with the above well:

3 Copies Revised Notice of Intention
to Plug and Abandon Well

Will you please approve and return one copy of this work order for our files?

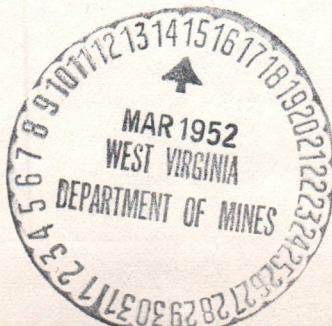
You approved the original work order for this well on February 25, 1952.

Yours very truly,

W.S. Moore

W. S. Moore

lw
encl



12/15/2023

A-11



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

JOSEPH BIERER
ACTING CHIEF

ARCH J. ALEXANDER
CHIEF

February 18, 1953

Columbian Carbon Company
P. O. Box 873
Charleston, West Virginia

Gentlemen:

We shall appreciate receiving affidavits for the plugging of the following wells for which permits were issued in 1952.

<u>Permit No.</u>	<u>Well No.</u>	<u>Farm</u>	<u>District</u>
Woo-304-P	1-CW-1143	Godfrey L. Cabot, Inc. (J. A. Ruble Tract)	Steele
Woo-322-P	1-CW-1146	Godfrey L. Cabot, Inc. (Milton McLane Tract)	Steele
Woo-328-P	1-CW-1153	Godfrey L. Cabot, Inc. (J. H. Stephens Tract)	Steele
Woo-329-P	1-CW-1154	H. C. McPherson	Steele

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

CNH:K
CC: Inspector O. C. Howard

*See letter Woo-304
for cancellation
of Woo-329*

12/15/2023



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 CHARLESTON

JOSEPH BIERER
 ACTING CHIEF

February 18, 1923

Columbia Carbon Company
 P. O. Box 813
 Charleston, West Virginia

We shall appreciate receiving affidavits for the plugging
 of the following wells for which permits were issued in 1922.

District	Owner	Well No.	Permit No.
Steels	Godfrey L. Gabot, Inc. (L. A. Noble Trust)	1-GW-11A3	Woo-324-P
Steels	Godfrey L. Gabot, Inc. (Milton Nelson Trust)	1-GW-11B3	Woo-325-P
Steels	Godfrey L. Gabot, Inc. (J. H. Stephens Trust)	1-GW-11S3	Woo-328-P
Steels	H. G. Robinson	1-GW-11S4	Woo-327-P

Very truly yours,

Administrative Assistant
 OIL AND GAS DIVISION

CC: Inspector O. C. Howard
 Chief

*See letter 1000-304
 for complete list
 of 1000-304*

A. H. M.

May 26, 1953

Mr. O. C. Howard, Inspector
Oil and Gas Wells
P. O. Box 104
Grantsville, W. Va.

Dear Mr. Howard:

The four plugging permits to Columbian Carbon Company, W00-304-P, 322-P, 328-P and 329-P have been cancelled for some time.

These wells were sold to the United Fuel Gas Company and are to be used for storage of gas.

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

MC:g

12/15/2023



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. W00-329

Oil or Gas Well GAS
(KIND)

Company Columbian Carbon Company
 Address Box 873, Charleston 23, W. Va.
 Farm H. C. McPherson, et al Acres 85
 Location (waters) Tygart Creek
 Well No. 1-GW-1154 Elev. 891.23' 0
 District Steele County Wood
 The surface of tract is owned in fee by H.C. McPherson, et al
 Address Rockport, W. Va.
 Mineral rights are owned by H.C. McPherson, et al
 (for further addresses contact Columbian Carbon Co.)
 Address _____
 Drilling commenced 7-7-50
 Drilling completed 9-19-50
 Date Shot Not shot From _____ To _____
 With _____
 Open Flow _____ /10ths Water in _____ Inch
48 /10ths Merc. in 7" 23' Inch
 Volume 10,913,000 Cu. Ft.
 Rock Pressure 770 lbs. 64 hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water 95' feet _____ feet
 Salt water 1117' 1254' feet 1866' feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16" 42'	24'	24'	Kind of Packer <u>Midget</u>
13" 3/8" 48'	871'9"	<u>Pulled</u>	<u>Bottom Hole</u>
10" 3/4" 40'	1421'7"	1421'7"	Size of <u>7"</u>
8" 2 1/2'	2265'3"	<u>Pulled</u>	Depth set <u>5003'SIM</u>
6" 7" 23'	5043'8"	5043'8"	
5 3/16"			
3"			Perf. top _____
2"			Perf. bottom _____
Liners Used _____			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

see reverse side

COAL WAS ENCOUNTERED AT none FEET _____ INCHES _____

FEET _____ INCHES _____ FEET _____ INCHES _____

FEET _____ INCHES _____ FEET _____ INCHES _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			0	65			
Sand			65	74			
Red Rock			74	90			
Lime			90	100	F. Water	95'	1-16" blr/hr.
Red Rock			100	120			
Lime			120	133			
Red Rock			133	148			
Lime			148	172			
Slate			172	260			
Red Rock			260	312			
Slate			312	344			
Red Rock			344	358			
Sand			358	370			
Red Rock			370	410			
Sand			410	417			
Slate			417	495			
Red Rock			495	520			
Slate			520	617			
Red Rock			617	632			
Slate & Shells			632	681			
Red Rock			681	700			
Slate & Shells			700	717			
Red Rock			717	742			
Sand			742	771			
Slate			771	865			
Lime			865	875			
Slate			875	901			
Red Rock			901	1001			
Sand			1001	1017			
Slate			1017	1073			
Red Rock			1073	1114			
Slate			1114	1148	S. Water	1117'	2-13" blrs/hr.
Sand			1148	1192			
Slate			1192	1254	S. Water	1254'	3-13" blrs/hr.
Sand			1254	1321			
Slate			1321	1425			
Sand			1425	1489			
Slate & Shells			1489	1524			
Sand			1524	1543			

856'DIM-857'SIM



12/15/2023

BT

B-2

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			1543	1724			
Salt Sand			1724	1916	S. Water	1866'	Hole full
Slate			1916	1930			
Sand			1930	2081			
Lime			2081	2294			
Slate			2294	3941			
Shale	2246'DIM-2251'SIM		3941	4164	Gas	4070'	Show
Slate			4164	4597			
Shale			4597	4610			
Slate			4610	4748			
Shale			4748	4940'DIM 4978'SIM			
Black Lime	4940'DIM-4978'SIM		4940'DIM 4978'SIM	4988'			
White Lime	4965'DIM-5003'SIM		4988'SIM	5093'DIM 5086'SIM			
Oriskany Sand			5093'DIM 5086'SIM	5100'			
TOTAL DEPTH - - - -				5100'	Gas Pays: 5086-5100'	48/10 M.7"	23#, 10,913,000 cu. ft.
<u>CASING RECORD</u>							
7-17-50	13-3/8" casing. Ran 21 bags of Aquagel Circulation and returns. Columbian Carbon Company Crew						
7-26-50	10-3/4" casing. Ran 26 sacks of Aquagel Circulation and returns. Columbian Carbon Company Crew						
8-11-50	8-5/8" casing. Ran 27 bags of Aquagel Circulation and returns. Columbian Carbon Company Crew						
9-10-50	7" casing. Ran 53 bags of Aquagel Circulation and returns. Columbian Carbon Company Crew						

12/15/2023

Date September 20, 1950

APPROVED Columbian Carbon Company, Owner

By O. W. Van Petten, Vice-President
(Title)

B-3

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. No # 329 P

Well No. 18 ON-1154

COMPANY Columbian Carbon Co ADDRESS Charleston W Va.

FARM H. C. M'Chersan DISTRICT Steel COUNTY Way

Filling Material Used _____

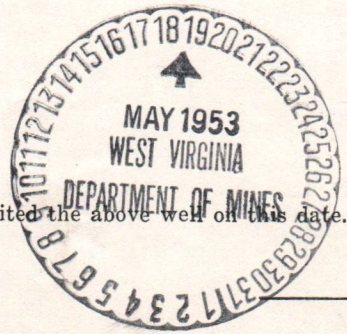
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
<i>Cancel this work order</i>						

Drillers' Names _____

Remarks: _____

5/14-53
DATE

I hereby certify I visited the above well on this date.



[Handwritten Signature]

DISTRICT WELL INSPECTOR

12/15/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company _____		Size			
Address _____		16			Kind of Packer _____
Farm _____		13			
Well No. _____		10			Size of _____
District _____ County _____		8 1/4			
Drilling commenced _____		6 5/8			Depth set _____
Drilling completed _____ Total depth _____		5 3/16			
Date shot _____ Depth of shot _____		3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch		2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch		Liners Used			Perf. top _____
Volume _____ Cu. Ft.					Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.		CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.		COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet		_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet		_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: _____

DATE

DISTRICT WELL INSPECTOR

12/15/2023





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.

Coal Operator or Coal Owner	<u>none</u>	Name of Well Operator	<u>Columbian Carbon Company</u>
Address		Complete Address	<u>Box 873, Charleston 23, W. Va.</u>
Coal Operator or Coal Owner		Date	<u>February 21, 1952</u> 19 <u>52</u>
Address		District	<u>Steele</u>
Lease or Property Owner		County	<u>Wood</u>
Address		Well No.	<u>1 - GW-1154</u>
		Farm	<u>H. C. McPherson</u>

NOTIFY INSPECTOR O. C. HOWARD - GRANTSVILLE - TELE. 108

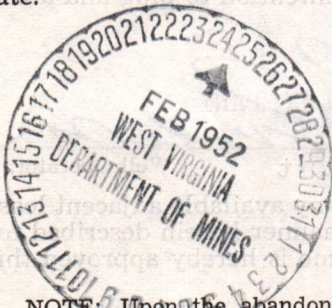
Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence
We will advise by telephone when plugging will start

the work of plugging and abandoning said well on the _____ day of _____, 19____,
(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,

COLUMBIAN CARBON COMPANY

by: [Signature]
R.B. Anderson, Sup't Well Operator.

12/15/2023

NOTE: Upon the abandonment of all wells drilled prior to June 1, 1929, a plat prepared by a competent
engineer, showing the district and county in which the tract of land is located, the name and acreage of same,
the names of the owners and adjacent tracts, and the location of the about to be abandoned well, determined by
survey, and the courses and distances of such well from two permanent points or landmarks on said tract, shall
be submitted with this notice.

(Over)

W00-329P

PERMIT NUMBER

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 5079' 2" of 2" tubing
- Fill from 5100' total depth to 5066'
- Run cement plug 5066' to 5041' - 5 sacks
- Run M&F plug 5041' to 5038'
- Fill hole with mud fluid, 4% Aquagel
- Pull 7" O.D. casing, set on packer at 5003' up to 4040'
- Set bridge 4060' to 4050'
- Run cement plug 4050' to 4040' - 3 sacks
- Pull rest of 7" O.D. casing
- Set bridge 1856' to 1846'
- Run cement plug 1846' to 1836' - 5 sacks
- Pull 10-3/4" O.D. casing set at 1427' (52' of pipe was unscrewed down hole. Re-run with die nipple and rip if necessary)
- Set bridge 1244' to 1234'
- Run cement plug 1234' to 1224' - 8 sacks
- Set bridge 1107' to 1097'
- Run cement plug 1097' to 1087' - 8 sacks
- Set bridge 54' to 44'
- Run cement plug 44' to 34' - 12 sacks
- Pull drive pipe set at 24'
- fill solid to surface
- Erect monument as prescribed by law

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 stated in the notice of intention to plug and abandon the said well on opposite side of this sheet.

Very truly yours,

COLUMBIAN CARBON COMPANY

by:

R.E. Anderson, Sup't

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

25th day of February, 1952, 19

12/15/2023

DEPARTMENT OF MINES
Oil and Gas Division

By:

C. T. Bell

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.

C-8



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.

None
Coal Operator or Coal Owner

Columbian Carbon Company
Name of Well Operator

Box 873, Charleston 23, W. Va.
Complete Address

March 13, 1952 19

Coal Operator or Coal Owner

WELL TO BE ABANDONED

Steele District

Wood County

Lease or Property Owner

Well No. 1 - GW-1154

H.C. McPherson Farm

Address

Inspector to be notified O. C. HOWARD - GRANTSVILLE - TELE. 108
24 HOURS IN ADVANCE OF PLUGGING DATE

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence

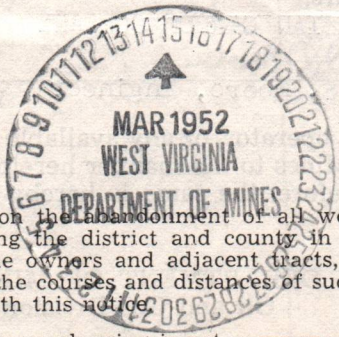
We will advise by telephone when plugging will start

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,
COLUMBIAN CARBON COMPANY
by: W.S. Moore
W. S. Moore, Engineer Well Operator.



12/15/2023

NOTE: Upon the abandonment of all wells drilled prior to June 1, 1929, a plat prepared by a registered engineer, showing the district and county in which the tract of land is located, the name and acreage of same, the names of the owners and adjacent tracts, and the location of the about to be abandoned well, determined by survey, and the courses and distances of such well from two permanent points or landmarks on said tract, shall be submitted with this notice.

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

(over) WOOD-329P PERMIT NUMBER

REVISED WORK ORDER

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 5079' 2" of 2" tubing
 Fill from 5100' total depth to 5066' with clay
 Run cement plug 5066' to 5041' - 5 sacks
 Run M&F plug 5041' to 5038'
 Pull 7" O.D. casing set on packer at 5003' up to 4040'
 Set bridge at 5000'. Fill with clay 5000' to 4050'
 Run cement plug 4050' to 4040' - 3 sacks
 Pull rest of 7" O.D. casing
 Set bridge at 1896' - Fill with clay 1896' to ~~1846'~~ 1704' - 20' above
 Run cement plug 1846' to 1836' - 5 sacks **Salt Sands & Cement**
 Pull 10-3/4" O.D. casing set at 1427' up to 1050' (52' of pipe was
 unscrewed down hole. Rerun with die nipple and rip if necessary)
 Set bridge at 1284'; Fill with clay 1284' to 1234'
 Run cement plug 1234' to 1224' - 8 sacks
 Set bridge at 1147'. Fill with clay 1147' to 1097'
 Run cement plug 1097' to 1087' - 8 sacks
 Pull rest of 10" pipe
 Set bridge at 125'. Fill with clay 125' to 44'
 Run cement plug 44' to 34' - 12 sacks
 Pull drive pipe set at 24'
 Fill solid to surface with clay
 Erect monument as prescribed by law

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 stated in the notice of intention to plug and abandon the said well on opposite side of this sheet.

Very truly yours,
COLUMBIAN CARBON COMPANY

by: *W.S. Moore*

W. S. Moore, Engineer 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 **12/15/2023**

17th day of March, 1952, 19__.

DEPARTMENT OF MINES
Oil and Gas Division

By: _____

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

Beilerwell

WELL RECORD

Permit No. 800-329

Oil or Gas Well Gas

(KIND)

Company Columbian Carbon Company
 Address Box 873, Charleston 23, W. Va.
 Farm H. C. McPherson, et al Acres 85
 Location (waters) Tygart Creek
 Well No. 1-GW-1154 Elev. 891.23
 District Steale County Wood
 The surface of tract is owned in fee by H.C. McPherson, et al
 Address Rockport, W. Va.
 Mineral rights are owned by H.C. McPherson, et al
 (for further addresses contact Columbian Carbon Co.)
 Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16" 42#	24'	24'	Kind of Packe <u>Hide</u>
18 3/8" L8#	871' 10"	Pulled	Bottom <u>hole</u>
10 1/2" L07	1121' 7"	1121' 7"	Size of <u>7"</u>
8" 21#	2265' 3"	Pulled	
5 3/8" 23#	5013' 8"	5013' 8"	Depth set <u>5003' SIM</u>
5 3/8"			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced 7-7-50
 Drilling completed 9-19-50
 Date Shot Not shot From _____ To _____
 With _____
 Open Flow 48 /10ths Water in _____ Inch
7" 23# /10ths Merc. in _____ Inch
 Volume 10,913,000 Cu. Ft.
 Rock Pressure 770 lbs. 44 hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water 95' feet _____ feet
 Salt water 1117' 1254' feet 1866' feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____
see reverse side
 COAL WAS ENCOUNTERED AT none FEET _____ INCH _____
 FEET _____ INCHES _____ FEET _____ INCH _____
 FEET _____ INCHES _____ FEET _____ INCH _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			0	65			
Sand			65	74			
Red Rock			74	90			
Lime			90	100	F. Water	95'	1-16" blr/h
Red Rock			100	120			
Lime			120	133			
Red Rock			133	148			
Lime			148	172			
Slate			172	260			
Red Rock			260	312			
Slate			312	344			
Red Rock			344	358			
Sand			358	370			
Red Rock			370	410			
Sand			410	417			
Slate			417	495			
Red Rock			495	520			
Slate			520	617			
Red Rock			617	632			
Slate & Shells			632	681			
Red Rock			681	700			
Slate & Shells			700	717			
Red Rock			717	742			
Sand			742	771			
Slate			771	865			
Lime			865	875			
Slate			875	901			
Red Rock			901	1001			
Sand			1001	1017			
Slate			1017	1073			
Red Rock			1073	1114			
Slate			1114	1148	S. Water	1117'	2-13" blrs
Sand			1148	1192			
Slate			1192	1254	S. Water	1254'	2-13" blrs
Sand			1254	1321			
Slate			1321	1425			
Sand			1425	1489			
Slate & Shells			1489	1524			
Sand			1524	1543			

856'DIM-857'SLM



12/15/2023

BJ

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Slate			1513	1724			
Salt Sand			1724	1916	S. Water	1866'	Hole full
Slate			1916	1930			
Sand			1930	2081			
Lime			2081	2294			
Slate			2294	3941			
Shale	2246'DLM-2251'SLM		3941	4164	Gas	4070'	Show
Slate			4164	4597			
Shale			4597	4610			
Slate			4610	4748			
Shale			4748	4940'DLM			
Black Lime	4940'DLM-4978'SLM		4940'DLM	4978'SLM			
White Lime	4965'DLM-5003'SLM		4978'SLM	4988'SLM			
Crinkery Sand			4988'SLM	5093'DLM			
			5093'DLM	5086'SLM			
			5086'SLM	5100'			
TOTAL DEPTH			5100'		Gas Pays:		
					5086-5100'	48/10 N. 7"	2 1/2, 10,913,000 cu. ft.
CASING RECORD							
7-17-50	13-3/8" casing. Ran 21 bags of Aquagel Circulation and returns. Columbian Carbon Company Crew						
7-26-50	10-3/4" casing. Ran 26 sacks of Aquagel Circulation and returns. Columbian Carbon Company Crew						
8-11-50	8-5/8" casing. Ran 27 bags of Aquagel Circulation and returns. Columbian Carbon Company Crew						
9-10-50	7" casing. Ran 53 bags of Aquagel Circulation and returns. Columbian Carbon Company Crew						

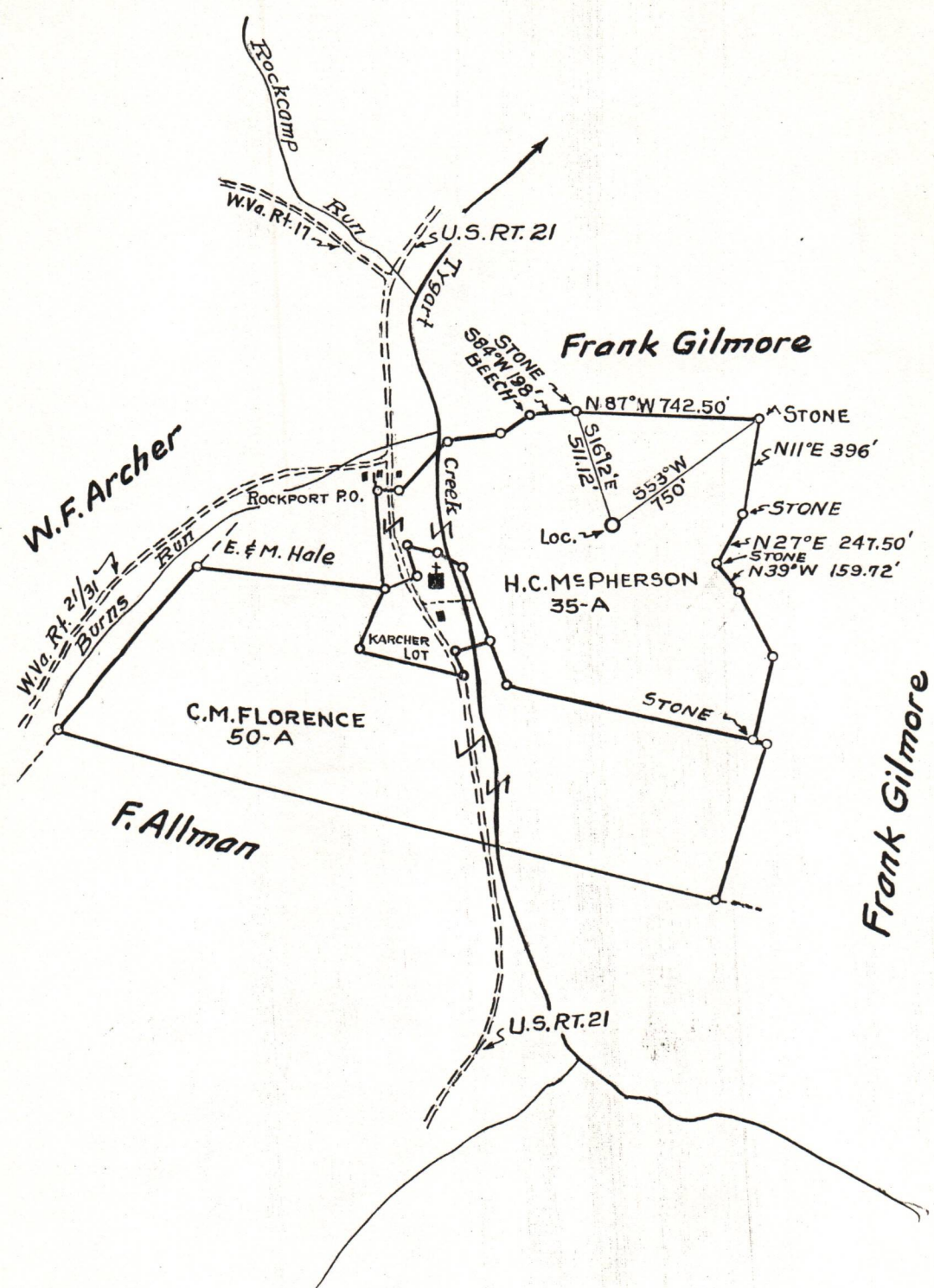
12/15/2023

DEPARTMENT OF MINES
 Date September 20, 1950
 APPROVED Columbian Carbon Company, Owner
 By O. W. Van Petten, Vice-President
 (Title)

Latitude 39° 05'

TOPO. LOCATION

Longitude 81° 30'



New Location..
 Drill Deeper.....
 Abandonment.....

Company **COLUMBIAN CARBON COMPANY**
 Address **BOX 873 CHARLESTON W.VA.**
 Farm **H.C.McPHERSON et al**
 Tract _____ Acres **85** Lease No. **C-1794 CT-173**
 Well (Farm) No. **1** Serial No. **GW-1154**
 Elevation (Spirit Level) **891.23'**
 Quadrangle **BELLEVILLE 7 S064 W270**
 County **WOOD** District **STEELE**
 Engineer **R.D. Anderson**
 Engineer's Registration No. **2074**
 File No. _____ Drawing No. **W-12-50**
 Date **6-26-50.** Scale **1" = 660'**

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

WELL LOCATION MAP
 FILE NO. **W00-329**

12/15/2023
 + 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.