

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

(REQUIRED BY SECTION 2, CHAPTER 86, ACTS 1929)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS SECTION

13-6-4-36

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

Jos. Hartman, Jr.

COAL OPERATOR OR COAL OWNER  
Union Bank Bldg.  
Pittsburgh, Penna.,

ADDRESS

PITTSBURGH & WEST VA GAS COMPANY.

NAME OF WELL OPERATOR

CLARKSBURG, WEST VA.

COMPLETE ADDRESS

June 2nd, 1936

PROPOSED LOCATION

Grant District

Wetzel County

Well No. 5406

J. N. McDougal 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

April 14th, 1930

J. N. McDougal

Fielden H. Snider

and recorded on the 30 day

of April 1930

in the office of the County Clerk for said County in

Book 23-A, page 50

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 Act, 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 address <sup>es</sup> 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,

PITTSBURGH & WEST VA GAS COMPANY.

By, F. E. Bridgen,  
WELL OPERATOR

#608 Union Natl. Bank Bldg.

STREET

Clarksburg, 09/29/2023

CITY OR TOWN

West Va.

STATE

Address of Well Operator }

\*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.

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL  
(PREPARED BY SECTION 2, CHAPTER 26, ACTS 1920)  
WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS SECTION

To The Department of Mines  
Charleston, W. Va.

Joe. Hartman, Jr.

COAL OPERATOR OR COAL OWNER

Union Bank Bldg.

Pittsburgh, Penna.

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

PITTSBURGH & WEST VA GAS COMPANY

NAME OF WELL OPERATOR

CLARKSBURG, WEST VA.

COMPLETE ADDRESS

PROPOSED LOCATION

Grant

District

Wetzel

County

Well No. 5406

J. N. McDougal

Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for

oil and gas, having for this purpose (or as the case may be) under grant or lease dated

April 14th, 1930 made by J. N. McDougal

to

Frieden H. Snider

and recorded on the 30 day

of April 1930

in the office of the County Clerk for said County in

Book 23-A page 50

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 boundary 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 Act, 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 grounds 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 on the 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,  
PITTSBURGH & WEST VA GAS COMPANY

W. T. HARRISON  
WELL OPERATOR

AGOS Union Natl. Bank Bldg.

STREET

CLARKSBURG

CITY OR TOWN

West Va.

STATE

Address of Well Operator

09/29/2023

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 therein by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.



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.

Jos. Hartman, Jr.

COAL OPERATOR OR COAL OWNER  
Union Bank Building,  
Pittsburgh, Penna.,

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

J. N. McDougall

OWNER OF MINERAL RIGHTS

Mannington, West Va.,

ADDRESS

Pittsburgh & West Va Gas Company.

NAME OF WELL OPERATOR

Clarksburg, West Va.,

COMPLETE ADDRESS

May 7, 19 45

PROPOSED LOCATION

Grant District

Wetzel County

Well No. 5406 *Drill Deeper*  
J. N. McDougall 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 April 14, 1930, made by J. N. McDougall, to Fielden H. Snider, and recorded on the 30 day of April, 1930, in the office of the County Clerk for said County in Book 23-A, page 50.

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 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,

PITTSBURGH & WEST VA GAS COMPANY

By, *W. C. McMasters*  
W. C. McMasters

WELL OPERATOR

#608 Union Natl. Bank Bldg.

STREET

Address of Well Operator }

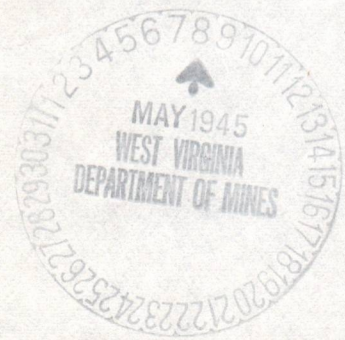
Clarksburg,

CITY OR TOWN

West Va.,

STATE

09/29/2023



\*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.



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.

Pittsburgh & West Va Gas Company.

NAME OF WELL OPERATOR

COAL OPERATOR OR COAL OWNER

Charleston, West Va.

Union Bank Building,  
Pittsburgh, Penna.

COMPLETE ADDRESS

ADDRESS

May 7, 1945

PROPOSED LOCATION

COAL OPERATOR OR COAL OWNER

Grant District

ADDRESS

Wetzel County

OWNER OF MINERAL RIGHTS

Well No 5108

Mannington, West Va.

J. M. McDougall Farm

ADDRESS

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 April 14, 1930, made by J. M. McDougall to Fielden H. Snider and recorded on the 30 day of April, 1930, in the office of the County Clerk for said County in Book 23-A, page 50.

The enclosed plat was prepared by a competent engineer and above the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Managerial District of Wetzel 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 boundary 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,  
W. J. C. [Signature]  
W. J. C. [Signature]  
WELL OPERATOR  
3008 Union Natl. Bank Bldg.  
STREET  
Charleston, West Va.  
CITY OR TOWN  
STATE

09/29/2023

\*Section 3 . . . . If no such objection 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 thereby by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

A-9

PITTSBURGH AND WEST VIRGINIA GAS COMPANY

435 SIXTH AVENUE  
PITTSBURGH, PENNSYLVANIA

Clarksburg, West Va.,  
June 2nd, 1936.

Subject: Loc. Well No. 5406, J. N. McDougal farm.

West Virginia Department of Mines  
Oil and Gas Division.

Charleston, West Va.

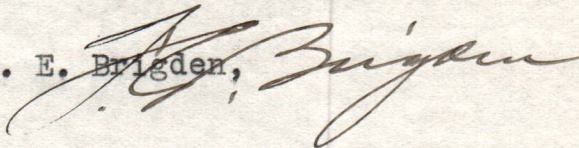
Gentlemen:

In accordance with Chapter 22, Article No. 4,  
Section 2, Oil and Gas Wells. Official Code of West Virginia.,  
We enclose Form G-1, Notice of Proposed Location of Oil  
and Gas Well, and well location map showing proposed  
location of Well No. 5406, J. N. McDougal farm, Grant  
District, Wetzel County, West Va.

Very truly yours,

PITTSBURGH & WEST VA GAS COMPANY.

F. E. Brigden,



FEB/M

09/29/2023

PITTSBURGH AND WEST VIRGINIA GAS COMPANY

435 SIXTH AVENUE  
PITTSBURGH, PENNSYLVANIA

Clarkston, West Va.,  
June 2nd, 1906.

Subject: Well No. 2406, J. N. McDonald farm.

West Virginia Department of Mines  
Oil and Gas Division.

Charleston, West Va.

Gentlemen:

In accordance with Chapter 22, Article No. 4,  
Section 2, Oil and Gas Wells, Official Code of West Virginia,  
We enclose Form G-1, Notice of Proposed Location of Oil  
and Gas Well, and well location map showing proposed  
location of Well No. 2406, J. N. McDonald farm, Grant  
District, Wetchel County, West Va.

Very truly yours,

PITTSBURGH & WEST VA GAS COMPANY.

T. E. Bridger

FBM

A-10

June 23rd  
1936

Mr. Jos. Hartman, Jr.,  
Union Bank Building,  
Pittsburgh, Penna.

Dear Sir:-

A notice of a proposed location of oil or gas Well No. 5406 on the J. N. McDougal Farm, Grant District, Wetzel County, has been received from the Pittsburgh & West Virginia Gas Company. A copy of the notice and location plat should have been mailed you by the well operator.

If you have any objections to the proposed location that come under our jurisdiction, please file same not later than June 14th, 1936.

Very truly yours,

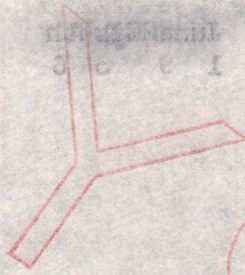
OIL AND GAS DIVISION

MG/p

09/29/2023

A-10

1 3 3



Mr. Joe Hartman, Jr.,  
Union Bank Building,  
Pittsburgh, Penns.

Dear Sir:-

A notice of a proposed location of oil or  
gas well No. 5486 on the T. M. Kefauver Farm, Grant  
District, Westmore County, has been received from the  
Pittsburgh & West Virginia Gas Company. A copy of  
the notice and location plat should have been mailed  
you by the well operator.

If you have any objections to the proposed  
location that come under our jurisdiction, please  
file same not later than June 14th, 1938.

Very truly yours,

OIL AND GAS DIVISION

HW/p



A-11

PITTSBURGH AND WEST VIRGINIA GAS COMPANY

~~XXXXXXXXXXXX~~  
~~PITTSBURGH, PENNSYLVANIA~~

Clarksburg, West Va.,  
October 24th, 1936.

*West-124*

Subject: Well No. 5406, J. N. McDougal farm.  
Well completed drilling.

West Virginia Department of Mines  
Oil and Gas Division.

Charleston, West Va.

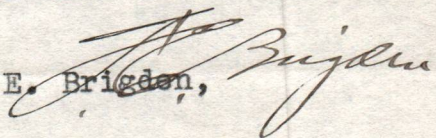
Gentlemen:

We enclose you herewith Preliminary Data Sheet No. 1, and Completion Data Sheet No. 2, Formation Record on our Well No. 5406, J. N. McDougal farm, Grant District, Wetzel County, West Va.

Yours truly,

PITTSBURGH & WEST VA GAS COMPANY.

F. E. Bridgen,



FEB/M



PITTSBURGH AND WEST VIRGINIA GAS COMPANY

XXXXXXXXXXXX

XXXXXXXXXXXX

Clarksburg, West Va.,  
October 24th, 1936.

*West - 100*

Subject: Well No. 5406, J. M. McDougal farm.  
Well completed drilling.

West Virginia Department of Mines  
Oil and Gas Division

Charleston, West Va.

Gentlemen:

We enclose you herewith preliminary data sheet  
No. 1, and completion data sheet No. 2, formation record on  
our Well No. 5406, J. M. McDougal farm, Grant District,  
Wetzel County, West Va.

Yours truly,

PITTSBURGH & WEST VA GAS COMPANY.

*[Handwritten signature]*  
J. E. Bricker

BBB/M



B-1

124

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

Gas

PRELIMINARY DATA SHEET NO. 1

File No. \_\_\_\_\_

Well No. 5406

PITTSBURGH & WEST VA GAS

CLARKSBURG,

Company of \_\_\_\_\_

WEST VA.

J. N. McDougal

Farm

on the \_\_\_\_\_

containing 80

acres. Location

Map Loc., Littleton S.E. 1-4

Grant

Wetzel

District, in \_\_\_\_\_

County, West Virginia

The surface of the above tract is owned in fee by

Wesley D. Brewer

of Big Run, West Va.

address, and the mineral rights are owned by

J. N. McDougal

of Mannington, West Va.

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit

No. Wet-124

issued by the West Virginia Department of Mines, Oil and Gas Division

June 16th, 1936.

193

Elevation of surface at top of well, \_\_\_\_\_

1198' L

Spirit  
~~Barometer~~

The number of feet of the different sized casings used in the well.

16

feet

13"

size. Wood conductor.

320

feet

10"

size, csg.

1310

feet

8-1/4"

sized csg.

2084

feet

6-5/8"

size, csg.

feet

sized csg.

feet

size, csg.

feet

sized csg.

packer of \_\_\_\_\_

size, set at \_\_\_\_\_

packer of \_\_\_\_\_

size, set at \_\_\_\_\_

\_\_\_\_\_, in casing perforated at \_\_\_\_\_

feet to \_\_\_\_\_

feet.

\_\_\_\_\_, in casing perforated at \_\_\_\_\_

feet to \_\_\_\_\_

feet.

Coal was encountered at 533-536

feet, thickness

36

inches, and at 796-799

feet; thickness

36

inches; and at 880-886

feet; thickness

72

inches.

Liners were used as follows: (Give details) \_\_\_\_\_

October 21st, 1936.

Date.

Located 5/22/1936  
Began Drg. 8/12/1936  
Comp. Drg. 9/25/1936

PITTSBURGH & WEST VA GAS CO.

09/29/2023

Approved \_\_\_\_\_

Owner.

By \_\_\_\_\_

By, F. E. Bridger.

(TITLE)



B-2  
G-11

124

PITTSBURGH & WEST VA GAS  
Company  
CLARKSBURG, W. VA.  
Address

OIL OR GAS WELL Gas  
53/10 W 2" Opng. 350,080  
COMPLETION DATA SHEET  
No. 2

WELL NO. 5406 FARM J. N. McDougal

FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Clay	Yellow	Soft		0	20	20	20	
Slate	Gray	"		20	70	50	70	
Red Rock	Red	"		70	80	10	80	
Lime	Dark	Medium		80	110	30	110	
Slate	"	Soft		110	130	20	130	
Lime	Gray	Dark		130	145	15	145	
Shale	Brown	Soft		145	155	10	155	
Slate	Dark	"		155	157	2	157	
"	Light	"	W-185'	157	200	43	200	1/2 Bailer
Lime	Gray	Hard	W-220'	200	270	70	270	2 Bailers
Slate	Light	Soft		270	320	50	320	
Lime	Gray	Hard		320	345	25	325	
Sand	White	"		325	365	20	365	
Lime&Shells	Hard	"		365	390	25	390	
Lime	Gray	"		390	405	15	405	
"	"	Medium		405	477	72	477	
Slate	Dark	Soft		477	479	2	479	
Lime&Shells	Gray	Hard		479	500	21	500	
Sand	White	Medium		500	533	33	533	
Coal	Black	Soft		533	536	3	536	
Gritty Lime	White	Hard		536	564	28	564	
Slate&Shells	Dark	Soft		564	580	16	580	
Red Rock	Red	"		580	585	5	585	
Lime	Gray	Hard		585	600	15	600	
Slate&Shells	Dark	Hard&Soft		600	630	30	630	
Lime	Gray	Hard		630	796	166	796	
M.T. Coal	Black	Soft		796	799	3	799	
Lime	Dark	Hard		799	880	81	880	
Pgh. Coal	Black	Soft		880	886	6	886	
Lime	Gray	Medium		886	960	74	960	
Red Rock	Red	Soft		960	975	15	975	
Lime	Dark	Hard		975	995	20	995	
Slate&Shells	"	Hard&Soft		995	1020	25	1020	
Lime	"	Hard		1020	1047	27	1047	
Shale	Pink	Medium		1047	1060	13	1060	
Lime	White	Hard		1060	1085	25	1085	
Slate	Brown	Soft		1085	1090	5	1090	
Red Rock	Red	"		1090	1110	20	1110	
Lime	Gray	Hard		1110	1140	30	1140	
Slate&Shells	Dark	Hard&Soft		1140	1185	45	1185	
Lime	"	Hard		1185	1241	56	1241	
Slate&Shells	Black	Soft		1241	1348	107	1348	
Big Dunkard	Dark	Medium		1348	1360	12	1360	
Slate&Shells	"	Hard&Soft		1360	1400	40	1400	
Lime	White	Hard		1400	1470	70	1470	

Cont'd to sheet #2

shot  
Well was not shot at .....feet; well was shot at .....feet.

~~Salt~~ salt  
Fresh water at (185-220) .....feet; fresh water at .....feet.

producing  
Well was 6-5/8" hole.

PITTSBURGH & WEST VA GAS COMPANY.

October 23rd, 1936.

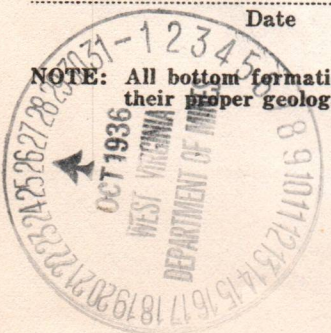
By, F. E. Brigden.  
Owner

Approved

Date

09/29/2023

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.



Thickness (Feet)	Total Depth (Feet)	Notes	Oil Gas or Water	Character	Color	Name
20	20			Soft	Yellow	Gley
70	90			"	Gray	Slate
10	100			"	Red	Red Rock
110	110			Medium	Dark	Lime
120	120			Soft	"	Slate
130	130			Dark	Gray	Lime
140	140			Soft	Brown	Slate
150	150			"	Dark	Slate
160	160			"	Light	"
170	170		W-182	Hard	Gray	Lime
180	180		W-280	Soft	Light	Slate
190	190			Hard	Gray	Lime
200	200			Soft	Light	Slate
210	210			Hard	Gray	Lime
220	220			"	White	Sand
230	230			"	Hard	Limestone
240	240			"	Gray	Lime
250	250			Medium	"	"
260	260			Soft	Dark	Slate
270	270			Hard	Gray	Limestone
280	280			Medium	White	Sand
290	290			Soft	Black	Coal
300	300			Hard	White	Crusty Lime
310	310			Soft	Dark	Limestone
320	320			"	Red	Red Rock
330	330			Hard	Gray	Lime
340	340			Hard	Dark	Limestone
350	350			Hard	Gray	Lime
360	360			Soft	Black	L.T. Coal
370	370			Hard	Dark	Lime
380	380			Soft	Black	L.T. Coal
390	390			Medium	Gray	Lime
400	400			Soft	Red	Red Rock
410	410			Hard	Dark	Lime
420	420			Hard	"	Limestone
430	430			Hard	"	Lime
440	440			Medium	Pink	Slate
450	450			Hard	White	Lime
460	460			Soft	Brown	Slate
470	470			"	Red	Red Rock
480	480			Hard	Gray	Lime
490	490			Hard	Dark	Limestone
500	500			Hard	"	Lime
510	510			Soft	Black	Limestone
520	520			Medium	Dark	Limestone
530	530			Hard	"	Limestone
540	540			Hard	White	Lime
550	550			Hard	Dark	Limestone
560	560			Hard	Dark	Limestone
570	570			Hard	White	Lime

Cont'd to sheet 2

October 23rd, 1932.

BY: E. A. [Signature]

PITTSBURGH & WEST VA GAS COMPANY.

102-230

0-2/3

9/29/2023

OIL OR GAS WELL Gas

PITTSBURGH & WEST VA GAS

Company

CLARKSBURG, WEST VA.

Address

COMPLETION DATA SHEET

No. 2

FORMATION RECORD

WELL No. 5406

FARM

J. N. McDougal

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Slate&Shell	Dark	Hard&Soft		1470	1475	5	1475	
Gas Sand	White	Medium		1475	1595	120	1595	
Slate&Shell	Dark	Hard&Soft		1595	1635	40	1635	2"
1st.Salt Sand	White	Hard	G-1647-55	1635	1675	40	1675	G 20/10 W"
Slate&Lime	Dark	Hard&Soft		1675	1693	18	1693	
2nd.Salt Sand	"	Medium	W-1705'	1693	1731	38	1731	W-4 Bailers
Slate&Shells	"	Soft&Hard		1731	1770	39	1770	Hr.
3rd.Salt Sand	Gray	Hard	G-1770-72	1770	1905	135	1905	G-6/10 W 8 1/2
Slate&Shells	Dark	Soft&Hard	W-1775-80	1905	1997	92	1997	Opng.
Red Rock	Red	Soft		1997	2005	8	2005	
Sand-Shells	Gray	Hard		2005	2035	30	2035	
Slate	"	Soft		2035	2045	10	2045	6,016, 204
Little Lime	"	Hard		2045	2067	22	2067	
Pencil Cave	Dark	Soft		2067	2072	5	2072	
Big Lime	White	Hard		2072	2139	67	2139	cu. ft.
Big. Injun	"	"	Sh.G-2191' G-2240-44	2139		111	2250	
Total Depth							2250'	

shot Not Shot. Well was not shot at .....feet; well was shot at .....feet.

~~Salt~~ salt Fresh water at 1705- 1775-1780 feet; fresh water at .....feet.

producing Well was 6-5/8" hole. ~~OKKX~~

PITTSBURGH & WEST VA GAS COMPANY.

October 23rd, 1936.

Date

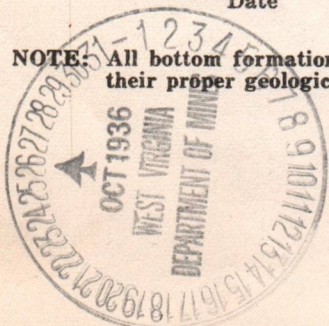
Approved.....

By, F. E. Brigden.

Owner

09/29/2023

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.



Interval	Thickness (Feet)	Bottom	Top	Notes	Color	Remarks
1475	8	1473	1470		Dark	Lettschell
1475	120	1353	1473		White	Gas Sand
1475	40	1313	1353		Dark	Lettschell
1475	40	1273	1313	C-1247-38	White	Lettschell
1475	19	1254	1273		Dark	Lettschell
1475	38	1216	1254	-1708	Medium	Gas Sand
1475	25	1191	1216		"	Lettschell
1475	135	1056	1191	C-1776-73	Hard	Gas Sand
1475	22	1034	1056	C-1773-80	Dark	Lettschell
1475	8	1026	1034		Red	Red Rock
1475	30	996	1026		Gray	Shells
1475	10	986	996		"	Plate
1475	23	963	986		"	Little Lime
1475	3	960	963		Dark	Cave
1475	67	893	960	Sp. C-2101	White	Big Lime
1475	111	782	893	C-2240-14	"	Big Injan
Total Depth		2350				

Not shot.

1708-1773-1780

PITTSBURGH & WEST VA GAS COMPANY

J. H. McDowell

October 23rd, 1936

09/29/2023





B-4

# WELL RECORD

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Permit No. **WFL-124**

Oil or Gas Well **GAS** (KIND)

Company: **Pittsburgh & W. Va. Gas Co.** Address: **220/16/69**  
 Farm: **J. H. McDougal** Acres: **80**  
 Location (waters): **Littleton Road S.W. 1-4**  
 Well No.: **5406** Elev.: **1198.1**  
 District: **Grant** County: **Netrol**  
 The surface of tract is owned in fee by: **Hesley D. Brewer**  
 Address: **Big Run, W. Va.**  
 Mineral rights are owned by: **J. H. McDougal**  
 Address: **Remington, W. Va.**  
 Drilling commenced: **August 12, 1936**  
 Drilling completed: **September 25, 1936**  
 Date shot: \_\_\_\_\_  
 Depth of shot: \_\_\_\_\_  
 Liners Used: \_\_\_\_\_

16	Kind of Packer	13	Size of	6%	5 3/16	3	Perf. top	2	Perf. bottom	Open Flow	Inch	/10ths Water in	Inch	Cu. Ft.	Rock Pressure	lbs.	hrs.	Oil	bbbls., 1st 24 hrs.	Feet	Fresh water	feet	Salt water	1705 - 1775 - 1780

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT **525** FEET **36** INCHES  
**796** FEET **36** INCHES **680** FEET **72** INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay, slate and rock	light	soft	0	157	Water - 185' - 1/2 baller hr.		
Lime	gray	hard	200	270	water - 220 - 2 ballers hr.		
COAL	black	soft	525	526			
MAPLETOWN COAL		soft	796	799			
PITTSBURGH COAL		soft	880	886			
BIG DUNKARD dark	dark	medium	1248	1260			
Slate and shells	white	hard	1260	1400			
Lime	white	hard	1400	1470			
Slate and shell	dark	dark	1470	1475			
GAS SAND	white	medium	1475	1595			
Slate and shell		hard	1595	1625			
FIRST SALT SAND		hard	1625	1675			
Slate and lime		dark	1675	1693			
SECOND SALT SAND		dark	1693	1731			
Slate and shells			1731	1770	Water - 1705' - 4 ballers		
THIRD SALT SAND		gray	1770	1905	Gas - 1770-72		
Slate and shells		Hard	1905	1997	Water - 1775 - 1780		
Red Rock	red	soft	1997	2005			
Sand-shells		hard	2005	2035			
Slate		soft	2035	2045			
LITTLE LIME		hard	2045	2067			
Penell Cave		soft	2067	2072			
BIG LIME	white	hard	2072	2139			
BIG INJUN	white	hard	2139	2250	Show of Gas 2191'		
				2250'	Gas 2240-44'		

(Over)

B-5  
Littleton P.C.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD  
DRILLING DEEPER.

Permit No. WET-124-D

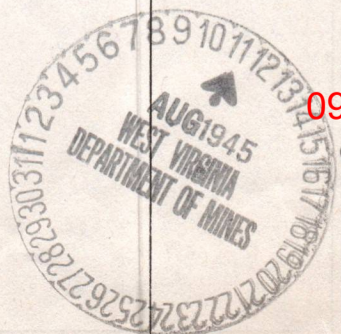
Oil or Gas Well "GAS"  
(KIND)

Company Pittsburgh & West Va Gas Company.  
 Address Clarksburg, West Va.,  
 Farm J. N. McDougal Acres 80  
 Location (waters) Littleton S/E. 1-4  
 Well No. 5406 Elev. 1198' L  
 District Grant County Wetzel  
 The surface of tract is owned in fee by Wesley D. Brewer  
 Address Big Run, W. Va.,  
 Mineral rights are owned by J. N. McDougal  
 Address Mannington, W. Va.,  
 Drilling commenced July 14th, 1945  
 Drilling completed July 26, 1945  
 Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow 62/10ths Water in 1-1/2" Inch  
 \_\_\_\_\_/10ths Merc. in \_\_\_\_\_ Inch  
 Volume 163,500 Cu. Ft.  
 Rock Pressure 125 lbs. 9 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			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Began drilling deeper							at 2250'
Big Injum	White	Hard	2139	2375			
Slate	"	Soft	2375	2420			
Lime Shells	"	Hard	2420	2445			
Slate	Dark	Soft	2445	2505			
Lime shells	White	Hard	2505	2560			
Slate	"	Soft	2560	2600			
"	"	Hard	2600	2660			
Lime Shells	"	"	2660	2680			
Slate	"	Soft	2680	2755			
Lime Shells	"	Hard	2755	2800			
Pink Rock	Pink	Soft	2800	2810			
Slate	White	"	2810	2830			
Lime Shells	"	Hard	2830	2880			
Slate	"	Soft	2880	2900			
Lime Shells	"	Hard	2900	2909	Gas	2909'	100/10 w 1/2" Opng.
Red Rock	Red	Soft	2909	2917			
Gordon Stray		Hard	2917	2954			
Slate	White	Soft	2954	3000			
Shells	"	Hard	3000	3060			
"	"	Soft	3060	3100			
Slate&Shells	"	"	3100	3244			
Byard Sand	Dark	Hard	3244	3249	Gas	3245'	150/10 Water 1-1/2" Opng.
Slate	"	Soft	3249	3262			
Total Depth				3262			



09/29/2023



A-12

PITTSBURGH AND WEST VIRGINIA GAS COMPANY

UNION NATIONAL BANK BUILDING

CLARKSBURG, WEST VIRGINIA

May 7, 1945

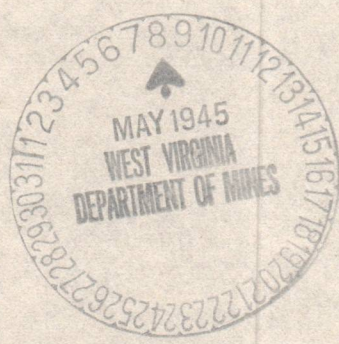
West Virginia Department of Mines  
Oil and Gas Division.  
Charleston, West Va.,

Dear Mrs. Griffith:

We enclose you Form OG-1, Notice  
of application to drill deeper Well No.5406, J. N.  
McDougall farm, Grant District, Wetzel County,  
West Va.,

Very truly yours,  
PITTSBURGH & WEST VA GAS COMPANY.

*W. C. McMasters*  
W. C. McMasters



PITTSBURGH AND WEST VIRGINIA GAS COMPANY

UNION NATIONAL BANK BUILDING

CHARLESTON, WEST VIRGINIA

May 7, 1945

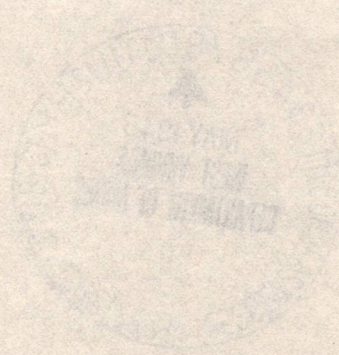
West Virginia Department of Mines  
Oil and Gas Division  
Charleston, West Va.

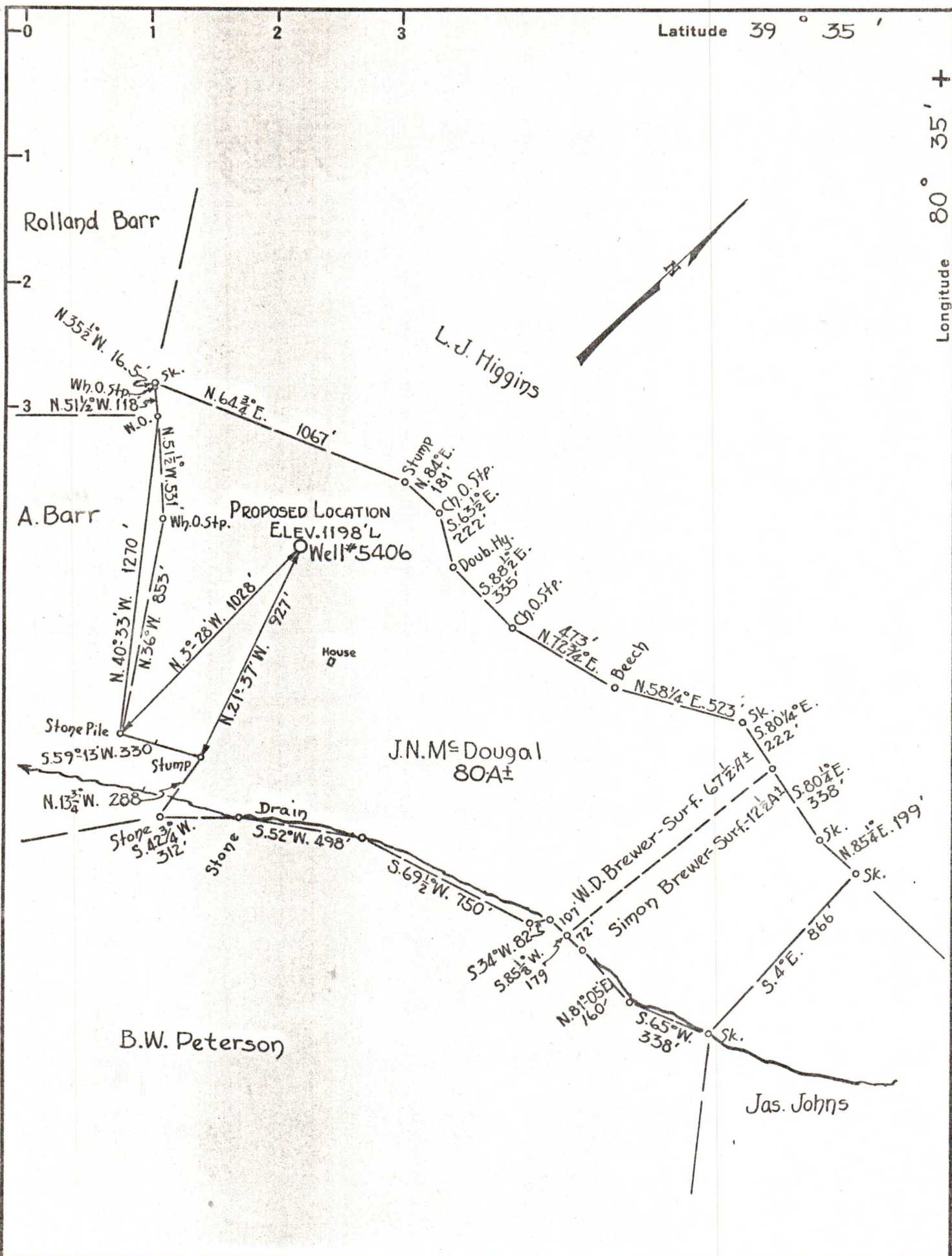
Dear Mrs. Griffith:

We enclose you form 00-1, Notice  
of application to drill deeper well No. 2100, W. V.  
No. 1200, Grant District, Wetzel County,  
West Va.

Very truly yours,  
PITTSBURGH & WEST VA GAS COMPANY

*W. G. McIsaac*  
W. G. McIsaac





Company PITTSBURGH & W.VA. GAS CO.

Address UNION BANK B'LD'G. CLARKSBURG, W.VA.

Farm J.N. MCDUGAL

Tract Acres 80± Lease No. 21375

Well (Farm) No. 1 Serial No. 5406

Quadrangle LITTLETON S.E. 14

County WETZEL

District GRANT

Engineer J. H. Bigdan

Engineer's Registration No. 764

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date 5-22-36 Scale 1" = 500 Ft

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

**WELL LOCATION MAP**

FILE NO. Wet - 127 09/29/2023

+ 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.