

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

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

T. L. Rogerson

COAL OPERATOR OR COAL OWNER

The Manufacturers Light & Heat Company

NAME OF WELL OPERATOR

Moundsville, W. Va.

ADDRESS

800 Union Trust Bldg., Pittsburgh, Pa.

COMPLETE ADDRESS

COAL OPERATOR OR COAL OWNER

November 18th, 1936

PROPOSED LOCATION

ADDRESS

Proctor District

OWNER OF MINERAL RIGHTS

Wetzel County

ADDRESS

Well No. 1-3537

John A. Rush 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 23rd, 1936

made by J A Rush & Cassie Rush, his wife, to

The Manufacturers Light & Heat Company

and recorded on the 8th day

of May, 1936

in the office of the County Clerk for said County in

Book 31-A, page 94

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 this.....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, THE MANUFACTURERS LIGHT & HEAT CO.,

Land Dept.

WELL OPERATOR

800 Union Trust Bldg., Pittsburgh, Pa.

STREET

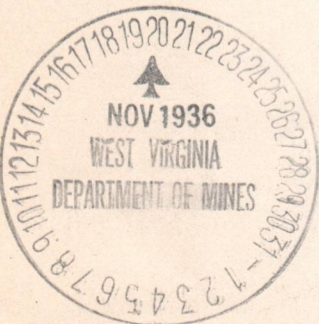
Pittsburgh

CITY OR TOWN

Pennsylvania

STATE

09/22/2023



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
WEST VIRGINIA DEPARTMENT OF MINES
AND ENERAL SECTION

The Manufacturers Light & Heat Company
TAKERS OF WELL LOCATIONS

E. J. Hogerson
COUNTY CLERK

800 Union Trust Bldg., Pittsburgh, Pa.

Mountaineer, W. Va.

November 18th, 1936

PROPOSED LOCATION

Prospector

County

Well No. 1-3337

John A. Egan

The undersigned well operator is hereby notified to drill upon the above named tract of land in
and has having in this matter (or as the case may be) under grant or lease dated

April 23rd, 1936 made by J. A. Egan & Cassie Egan, his wife

The Manufacturers Light & Heat Company and recorded in the office of the County Clerk

May, 1936

Book 31-A

The enclosed plat, prepared by a competent engineer and shows the proposed location of a well
to be drilled on the land owned by the undersigned well operator of the tract and in the
and County above named, containing by survey and other and distances from two permanent points or
The undersigned well operator is hereby notified and advised that there are no coal operations or
of coal operations and that on which said well is located, or within 500 feet of the
of the same, who have required their names and that their maps as required by law, except
well operators or coal owners in any, have named as addresses
The above named coal operators or coal owners (if any) are notified that any objection they may
have to make to such proposed location, or which they are required to make by Section 6 of said Act, is
the bottom of a well at said proposed location will cause a dangerous condition in or about such
and must be removed 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 or other persons
and persons for whom mining operations will be conducted thereon shall be notified as is reasonably possible the ground
of record and that all such objections must be made as definitely as is reasonably possible the ground
of ground on which such objections are based and indicate the direction and distance the proposed location
should be moved to overcome same.

(The next return is to be completed only in Department 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 this day, before
of on the same day with the reading or delivery of this copy to the Department of Mines at Charleston,
West Virginia.

Very truly yours, THE MANUFACTURERS LIGHT & HEAT CO.

John A. Egan

800 Union Trust Bldg., Pittsburgh, Pa.

Address
of
Well Operator

Pittsburgh

City or Town

County

Section 6 of the Act of March 19, 1920, as amended, provides that if no such objection be filed by the department of mines within said period of
ten days from the receipt of said notice and plat by the department of mines, as said well location, the department
shall forthwith issue to the well operator a drilling permit for the drilling of such well, and no objection
shall be made by the coal operators to the location of such well, and that the same is
approved and the well operator authorized to proceed to drill at said location.

09/22/2023

A-2



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.

Everett F. Moore
COAL OPERATOR OR COAL OWNER
Moundsville
West Virginia
ADDRESS

THE MANUFACTURERS LIGHT AND HEAT COMPANY
NAME OF WELL OPERATOR
800 UNION TRUST BUILDING
PITTSBURGH, PENNSYLVANIA
COMPLETE ADDRESS

COAL OPERATOR OR COAL OWNER
ADDRESS
OWNER OF MINERAL RIGHTS
ADDRESS

MARCH 14, 19 55
PROPOSED LOCATION
Proctor District
Wetzel County
Well No. 3537
J. D. Rush 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 June 11, 1954, made by J. D. Rush, et al, to Carnegie Natural Gas Company, and recorded on the 25th day of June, 1954, in the office of the County Clerk for said County in O. & G. Book 41-A, page 87.

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.

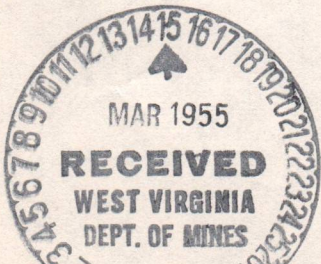
Very truly yours,

J. D. Rush
LAND AGENT WELL OPERATOR

Address of Well Operator }

THE MANUFACTURERS LIGHT AND HEAT COMPANY
STREET
800 Union Trust Bldg., Pgh., Penna.
CITY OR TOWN
Pgh., Penna.
STATE

09/22/2023



*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.

141-Rediell



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.

THE MANUFACTURERS LIGHT AND HEAT COMPANY
800 UNION TRUST BUILDING
PITTSBURGH, PENNSYLVANIA

Ernest T. Moore
Coal Operator or Coal Owner
Moundsville
West Virginia

PROPOSED LOCATION
District _____
County _____
Well No. _____
Twp. _____

ADDRESS
OWNER OF MINERAL RIGHTS
ADDRESS

GENTLEMEN:
The undersigned well operator is entitled to drill upon the above named town or tract of land for oil and gas having fee title thereto, (or as the case may be) under grant or lease dated _____ to _____, made by J. D. Frank, et al. _____ Carnegie Natural Gas Company, and recorded on the _____ day of _____, 1927, in the office of the County Clerk for said County in _____, W. Va.

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 town and in the Mineral 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 town or tract of land on which said well is located, or within 800 feet of the point 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.

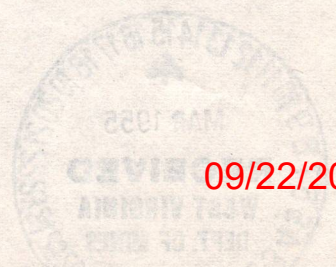
The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their 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 must 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,

LAND AGENT WELL OPERATOR
THE MANUFACTURERS LIGHT AND HEAT COMPANY
800 Union Trust Bldg., Pitt., Penna.
Pitt., Penna.
STATE

Address of Well Operator



09/22/2023

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, valid for the term of such plat, that no objections have been made by the coal operators to the location of said well thereon by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

Permit Number

A-10

November 30, 1936

The Manufacturers Light & Heat Company
800 Union Trust Bldg.,
Pittsburgh, Pa.

Gentlemen:

Permit Wet-141 to drill Well No. 1-3537 on
the John A. Rush Farm, Proctor District, Wetzel County,
is enclosed.

Very truly yours,

OIL AND GAS DIVISION.

MG:g
encl

copy to Inspector Courtney.

09/22/2023

A-11

March 25, 1955

The Manufacturers Light and Heat Company
800 Union Trust Building
Pittsburgh, Pennsylvania

Att: Mr. Ben S. Cooper, Land Agent

Gentlemen:

Enclosed is permit WET-141-R to redrill
well No. 3537 on the J. D. Rush farm, Proctor District,
Wetzel County.

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

CNH:K
Encl-1

CC: Inspector Bryan Shuman

09/22/2023

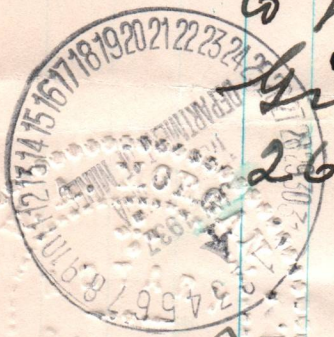
A-12

M. E. Hawkins appeared before me on the 26th day of June 1937, and after being sworn subscribed his name to the above writing.

Given under my hand this 26th day of June 1937,

J. A. Morgan
Notary Public

My commission expires Sept. 26th 1940.



Wet-141P

The Manufacturers Light & Heat Co
Company

Division 4
 Record of Well No. 3537 on John R. Rush Farm 90 Acres
Proctor Field Proctor District Wetzel County W.Va. State
 Rig Commenced Jan. 4. 1937 19 , Completed Jan. 9th. 1937 19
 Drilling Commenced Feb. 8th. 1937 19 , Completed April. 15th. 1937 19
 Cost per Foot 1.60 Contractor T.E. Little Address New Matamoras, Ohio
 Drillers' Names W.F. Romick, Herbert Clark, Chas. Thompson, W.E. Hawkins,

BOILER			ENGINE				RIG		
H.P.	No.	Name of Maker	H. P.	No.	Name of Maker	New	Old	Height	Name of Boiler
							<u>Old</u>	<u>81</u>	<u>Co Emp.</u>

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 inch	10 inch	8 1/4 inch	6 5/8 inch	6 1/4 inch	5 5/8 inch	5 1/2 inch	5 inch	4 inch
<u>13x 16'</u>		<u>1022'4</u>	<u>1525'1"</u>	<u>2091'</u>					

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 inch	10 inch	8 1/4 inch	6 5/8 inch	6 1/4 inch	5 5/8 inch	5 1/2 inch	5 inch	4 inch	3 inch

OIL WELL						GAS WELL					
When Shot	Size of Toredpo	1st Day's Production	Tubing	Rods	Tanks	Size of Packer	Depth Set	Packed with	1st Minute Pressure	Rock Pressure	

FORMATION	Cubic Feet Per 24 Hours			REMARKS
	Top	Bottom	Thickness	
Clay	0	16	16	
Lime	16	25	9	
Shale	25	75	50	
Lime	75	100	25	
Shale	100	180	80	
Sand	180	195	15	1. Bailer Water at 150'
Lime	195	220	25	
Red Rock	220	260	40	
White Shale	260	300	40	
Lime	300	320	20	
Shale	320	400	80	
Sand	400	440	40	
Slate	440	490	50	
Lime	490	500	10	
Slate	500	550	50	
Coal	550	554	4	
Lime	554	620	64	
Shale	620	640	20	
Lime	640	7 00	60	
Slate	700	720	20	
Red Rock	720	740	20	
Sand	740	765	25	
Lime	765	800	35	
Slate	8 00	815	15	
Lime	815	890	75	
Coal	890	895	5	1/2 Bailer Water
Lime	895	960	55	
Slate	950	970	20	



09/22/2023
 APPROVED BY HARRY MOORE
 Harry Moore

Examined above information and measurements and found to be correct by T.E. Little Contractor
 Examined and approved by _____ Superintendent of Co.

NOTE—The above blank must be filled out carefully by the contractor, with a complete and accurate record of the Well, and accompany, when presented for payment of the bill for drilling.
 All formations and known sands must be given by their proper name, with steel line measurements, and under the head of "Remarks" must be recorded in what sand and at what depth Oil, Gas or Water was found, the quantity of same, the quality of the sand, and thickness of pay.
 Make no memoranda of boiler and engine if owned by contractor.

WELL RECORD

CO.

Well No.

Farm

District

County

State

Owned by

Division

Date 19

Entered W. R. Book Folio

By

09/22/2023

B-2

Company

Division

Record of Well No.

on

Farm

Acres

Field

District
Township

County

State

Rig Commenced

19

Completed

19

Drilling Commenced

19

Completed

19

Cost per Foot

Contractor

Address

Drillers' Names

BOILER

ENGINE

RIG

H.P.	No.	Name of Maker	H. P.	No.	Name of Maker	New	Old	Height	Name of Boiler
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CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 inch	10 inch	8 1/4 inch	6 3/8 inch	6 1/4 inch	5 3/8 inch	5 1/8 inch	5 inch	4 inch
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CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 inch	10 inch	8 1/4 inch	6 3/8 inch	6 1/4 inch	5 3/8 inch	5 1/8 inch	5 inch	4 inch	3 inch
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OIL WELL

GAS WELL

When Shot	Size of Torepdo	1st Day's Production	Tubing	Rods	Tanks	Size of Packer	Depth Set	Packed with	1st Minute Pressure	Rock Pressure
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Initial Open Flow Production

Cubic Feet Per 24 Hours

Shut in Pressure

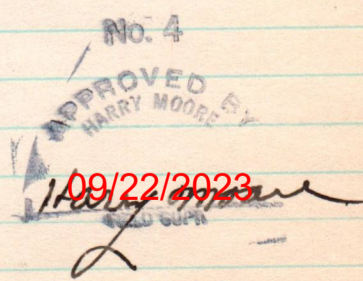
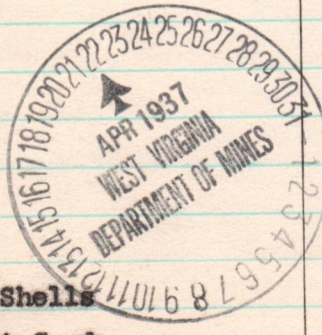
Cubic Feet Per 24 Hours

FORMATION

Top Bottom Thickness

REMARKS

Lime	970	980	10	2. Bailers water per Hours. Steel Line Run 1022'4" 10" 1525'-8 1/2"
Slate	980	990	10	
Pgh. Coal	990	995	5	
Lime	995	1010	15	
Slate	1010	1020	10	
Lime	1020	1040	20	
Red Rock	1040	1070	30	
Slate	1070	1150	80	
Sand	1150	1200	50	
Red Rock	1200	1220	20	
Slate	1220	1280	60	
L. Dunkard	1280	1295	15	
Red Rock	1295	1320	25	
Slate	1320	1390	70	
Sand	1390	1400	10	
Slate	1400	1440	40	
Slate Light	1440	1470	30	
B. Dunkard	1470	1499	29	
Slate	1499	1505	6	
Lime	1505	1520	15	
Slate	1520	1526	6	
Sand	1526	1545	19	
Slate	1545	1555	10	
Lime	1555	1650	95	
Sand	1650	1685	35	
Slate & Shells	1685	1790	105	
2nd. Salt Sand	1790	1830	40	
Slate	1830	1840	10	



Water at 1810' Hole full at 1815'

Examined above information and measurements and found to be correct by

Examined and approved by

Contractor

Superintendent of Co.

NOTE—The above blank must be filled out carefully by the contractor, with a complete and accurate record of the Well, and accompany, when presented for payment of the bill for drilling.

All formations and known sands must be given by their proper name, with steel line measurements, and under the head of "Remarks" must be recorded in what sand and at what depth Oil, Gas or Water was found, the quantity of same, the quality of the sand, and thickness of pay.
Make no memoranda of boiler and engine if owned by contractor.

WELL RECORD

CO.

Well No.-----

Farm.-----

District-----

County-----

State-----

Owned by-----

Division-----

Date-----19-----

Entered W. R. Book Folio-----

By-----

09/22/2023

The Manufacturers Light & Heat Co
Company

Division 4
 Record of Well No. 3537 on John A. Rush Farm 90 Acres
Proctor Field Proctor District Wetzel County W.Va. State
 Rig Commenced 19 , Completed 19
 Drilling Commenced 19 , Completed 19
 Cost per Foot Contractor Address
 Drillers' Names

BOILER			ENGINE			RIG			
H.P.	No.	Name of Maker	H. P.	No.	Name of Maker	New	Old	Height	Name of Boiler

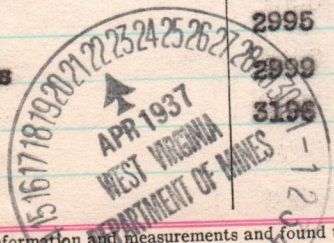
CONDUCTOR AND CASING USED IN DRILLING										
Conductor	13 inch	10 inch	8 1/4 inch	6 3/8 inch	6 1/4 inch	5 3/8 inch	5 1/8 inch	5 inch	4 inch	

CONDUCTOR AND CASING LEFT IN WELL										
Conductor	13 inch	10 inch	8 1/4 inch	6 3/8 inch	6 1/4 inch	5 3/8 inch	5 1/8 inch	5 inch	4 inch	3 inch

OIL WELL						GAS WELL				
When Shot	Size of Torepdo	1st Day's Production	Tubing	Rods	Tanks	Size of Packer	Depth Set	Packed with	1st Minute Pressure	Rock Pressure

Initial Open Flow Production Cubic Feet Per 24 Hours Shut in Pressure Cubic Feet Per 24 Hours

FORMATION	Top	Bottom	Thickness	REMARKS
Lime	1840	1850	10	
Shale	1850	1890	40	
Slate & Shells	1890	1915	25	
Gritty Lime	1915	1949	34	
Sand	1952	1965	13	
Sandy Lime	1965	1995	30	
Sandy Lime	1965	1995	30	
Maxon Sand	1995	2025	30	Water at 2019'
L. Lime	2025	2037	12	
Pencil Cave	2037	2057	20	
B. Lime	2057	2117	60	2090' - 6 5/8"
Big Injun Sand	2117	2370	253	1 1/2 Bailer Water per Hr. 2225 to 2230
Shale	2370	2440	70	
Gritty Lime	2440	2453	13	
Slate & Shells	2453	2522	69	
Berea Grit	2522	2590	68	
Slate & Shells	2590	2730	140	
50 Ft. Sand	2730	2752	22	
Slate & Shells	2752	2823	71	
Red Rock	2823	2870	47	
Slate & Shells	2870	2943	73	
Limy Sand	2943	2968	25	Reduced Hole at 2945' Steel Line Run
Slate & Shells	2968	2995	27	
Gordon Sand	2995	2999	4	
Slate & Shells	2999	3196	197	
Total Depth	3196			



09/22/2023

Dry in all formations
 Superintendent of Co.
[Signature]

Examined above information and measurements and found to be correct by _____
 Examined and approved by _____
 Contractor _____
 NOTE—The above blank must be filled out carefully by the contractor, with a complete and accurate record of the Well, and accompany, when presented for payment of the bill for drilling.
 All formations and known sands must be given by their proper name, with steel line measurements, and under the head of "Remarks" must be recorded in what sand and at what depth Oil, Gas or Water was found, the quantity of same, the quality of the sand, and thickness of pay.
 Make no memoranda of boiler and engine if owned by contractor.

WELL RECORD

CO.

Well No. 2527

Farm

District

County

State

Owned by

Division

Date

19

Entered W. R. Book Folio

By

09/22/2023

B-4

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Wet 141

Oil or Gas Well Dry hole
(Kind)

Company The Manufacturers Light & Heat
Address 800 Union Trust Building, Pitts. Pa.
Farm John A. Rush Acres 90
Location (waters) _____
Well No. 3537 Elev. 1171
District Proctor County Netzel
The surface of tract is owned in fee by J. A. Rush
Address Howard, W. Va.
Mineral rights are owned by The Manufacturers Light & Heat Company Address Pittsburgh, Pa.
Drilling commenced 2/8/37
Drilling completed 4/15/37
Date shot Not shot Depth of shot _____
Open Flow /10ths Water in _____ Inch
None /10ths Merc. in _____ Inch
Volume Dry hole Cu. Ft. _____
Rock Pressure None lbs. _____ hrs.
Oil None bbls., 1st 24 hrs. _____
Fresh water 150' feet 890 feet
Salt water 1815 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>None</u>
13			
10	<u>1022'-4"</u>	<u>175'-0"</u>	Size of _____
8 1/4	<u>1525'-1"</u>	<u>None</u>	
6 5/8	<u>2696'-0"</u>	<u>None</u>	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 550 FEET 48 INCHES
890 FEET 60 INCHES 990 FEET 60 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Clay	Yellow		0	16			
Lime	White	Hard	16	25			
Shale	Dark	soft	25	75			
Lime	White	Hard	75	100			
Shale	Dark	Soft	100	180			
Sand	Dark	Hard	180	195	Water	150	
Lime	White	Hard	195	220			
Red rock	Red	Soft	220	260			
White	White	Soft	260	300			
Lime	White	Hard	300	320			
Shale	Gray	Soft	320	400			
Sand	Gray	Hard	400	440			
Slate	Black	Soft	440	490			
Lime	White	Hard	490	500			
Slate	Black	Soft	500	550			
Coal	Black	Soft	550	551			
Lime	White	Hard	551	620			
Shale	Gray	Soft	620	640			
Lime	White	Hard	640	700			
Slate	Black	Soft	700	720			
Red rock	Red	Soft	720	740			
Sand	Gray	Hard	740	765			
Lime	White	Hard	765	800			
Slate	Dark	Soft	800	815			
Lime	White	Hard	815	890			
Mapletown Coal	Black	Soft	890	895	Water in coal		
Lime	White	Hard	895	950			
Slate	Gray	Soft	950	970			
Lime	White	Hard	970	980			
Slate	Gray	Soft	980	990			
Pitts. Coal	Black	Soft	990	995	Water in coal		
Lime	White	Hard	995	1010			
Slate	Gray	Soft	1010	1020			
Lime	White	Hard	1020	1040			
Red rock	Red	Soft	1040	1070			
Slate	Gray	Soft	1070	1150			
Sand	Gray	Hard	1150	1200			
Red rock	Red	Soft	1200	1220			
Slate	Gray	Soft	1220	1280			
Little Dunk.	White	Hard	1280	1295			
Red rock	Red	Soft	1295	1320			
Slate	Light	Hard	1320	1390			
Sand	Light	Hard	1390	1400			
Slate	Dark	Soft	1400	1440			
Slate	Light	Soft	1440	1470			
Big Dunk	Gray	Hard	1470	1490			
Slate	Light	Soft	1490	1505			
Lime	Light	Hard	1505	1520			
Slate	White	Soft	1520	1526			
Sand	Gray	Hard	1526	1545			
Slate	White	Soft	1545	1555			
Lime	Black	Soft	1555	1650			
Sand	White	Hard	1650	1685			
Slate & Shells	Dark		1685	1790			
2nd salt sand	White	Hard	1790	1820	Water	1810-1815	
Slate	Black	Soft	1820	1840			
Lime	White		1840	1850			
Shale	Black	Soft	1850	1890			
Slate & Shells	Gray	Hard	1890	1915			



B-5



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Littleton

WELL RECORD

storage

Permit No. WET-141-R

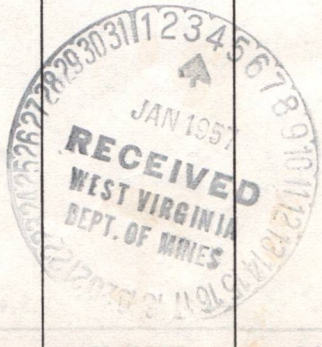
Oil or Gas Well gas
(KIND)

Company THE MANUFACTURERS LIGHT AND HEAT COMPANY
Address 800 UNION TRUST BLDG., PGH., PA.
Farm J. D. Rush Acres 90
Location (waters) _____
Well No. 3537 Elev. 1171'
District Procter County Wetzel
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced April 2, 1955
Drilling completed July 15, 1955
Date Shot _____ From _____ To _____
With _____
Open Flow 2/10ths Water in 3/8 Inch
_____ /10ths Merc. in _____ Inch
Volume 1,559 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		1018' 10"	Size of
8 1/4		1516' 2"	
8 1/4 7		2010' 3"	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
Clg. out to				2385	Schlumberger measurement		
Stone			2385	2360			
Cement			2360	2340			
Red Clay			2340	2250			
Stone			2250	2230			
Cement			2230	2200			
Clay			2200	2150			
Stone			2150	2125			
Lead Plug				2125			
Cement			2125	2026			
Red Clay			2026	2021			
Total Depth				2021			



09/22/2023

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. Wat 141 P

Oil or Gas Well dry
(KIND)

Company	Casing and Tubing	Used in Drilling	Left in Well	Packers
<u>Mfgs Light + Heat.</u>	Size			
<u>Hundred.</u>	16			Kind of Packer
<u>John A Rush.</u>	18			
<u>3537.</u>	10	<u>10 30</u>		Size of
<u>Proctor</u> County <u>Wat.</u>	8 1/4	<u>15 36</u>		
<u>1-9-37.</u>	6 5/8	<u>20 90</u>		Depth set
<u>4-15-37</u> Total Depth <u>3196.</u>	5 3/16			
	3			Perf. top
	2			Perf. bottom
	Liners Used			Perf. top
				Perf. bottom
Initial Open Flow...../10ths Water in..... Inch	CASING CEMENTED..... SIZE..... No. FT..... Date			
Open Flow after tubing...../10ths Merc. in..... Inch	COAL WAS ENCOUNTERED AT <u>550</u> FEET <u>4</u> INCHES			
Volume..... Cu. Ft.	<u>890</u> FEET <u>5</u> INCHES <u>990</u> FEET <u>5</u> INCHES			
Rock Pressure..... lbs..... hrs. FEET..... INCHES..... FEET..... INCHES			
Oil..... bbls, 1st 24 hrs. FEET..... INCHES..... FEET..... INCHES			
Fresh water..... feet..... feet				
Salt water..... feet..... feet				

Drillers' Names W.F. Roanick Chas. Thompson
W.E. Hawkins

Well Abandoned and Plugged....., 19.....

REMARKS: I made up WO to plug



10y Country

4-21-37
DATE

DISTRICT WELL INSPECTOR

09/22/2023

B-9

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: Total depth 5196, Clay 5196-2975 Set wood plug ~~at~~ 2975-2972, Cement 2972-2962, Set bridge @ 2782, Clay 2782-2502, Set wood plug @ 2502-2499, Cement 2499-2489, Clay 2489-2097, Set wood plug 2097-2094, Cement 2094-2084, Pull 6 5/8" Casing set @ 2090', Clay 2084-1975, Set wood plug 1975-1972 Cement 1972-1962, Clay 1962-1770, Set wood plug 1770-1767, Cement 1767-1757, Set bridge @ 1536, Pull 8 1/2" Casing, Clay 1536-1260, Set wood plug 1260-1257, Cement 1257-1237, Set bridge @ 1040, Wood plug 1040-1037, Clay 1037-1025, Cement 1025-970 Sinks through Pittsburg Coal., Clay 970-925, Cement 925-870, Through Mapletown coal Clay 870-584, Cement 584-530 Through Waynesburg Coal, Clay 530 to surface. Erect monument.

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,

THE MANUFACTURERS LIGHT & HEAT CO.

By Harry Moore 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.....day

of....., 193.....

DEPARTMENT OF MINES
Oil and Gas Division

09/22/2023

By:

NOTE: This "work order" must be filed in duplicate, one copy for the files of the Department of Mines and the other to be approved or corrected and returned to the well operator as his authority for plugging said well.

B-8

41-8

FORM G-9

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

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

COAL OPERATOR OR COAL OWNER

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

LEASE OR PROPERTY OWNER

ADDRESS

The Manufacturers Light & Heat Company

NAME OF WELL OPERATOR

800 Union Trust Building,

Pittsburgh Pa.

COMPLETE ADDRESS

April 21st 1937

19

WELL TO BE ABANDONED

Proctor

District

Wetzel

County

Well No. **5537**

John A. Rush

Farm

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.....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,

Well Operator.

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 of adjacent tracts, and the location of the about to be abandoned well, determined by surface and the courses and distances of such well from two permanent points or landmarks on said tract, shall be submitted with this notice.

09/22/2023

(Over)



AFFIDAVIT IN TRIPLICATE TO TIME AND MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

T.L. Rogerson COAL OPERATOR OR OWNER

Moundsville, W. Va. ADDRESS

The Manufacturers Light & Heat Co. NAME OF WELL OPERATOR

800 Union Trust Building, Pittsburgh Pa. COMPLETE ADDRESS

June 22nd 1937 19

WELL AND LOCATION

Proctor District

Wetzel County

Well No. 3537

John A. Rush Farm

AFFIDAVIT TO BE MADE IN TRIPLICATE. ONE COPY TO BE MAILED BY REGISTERED MAIL TO THE DEPARTMENT. ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) TO BE MAILED TO EACH COAL OPERATOR ABOVE NAMED AT THEIR RESPECTIVE ADDRESSES.

AFFIDAVIT

Ohio STATE OF WEST VIRGINIA, COUNTY OF Washington } SS:

M. E. Hawkins and C. S. Hebrock 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 T. E. Little, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the

3rd day of May, 1937, and that the well was plugged and filled in the following manner:

Manner in which sand was plugged: Total depth 3196, Clay 3196-2975, Wood plug 2975-2972 Cement 2972-2962, Bridged @ 2782, Clay 2782-2502, Wood plug 2502-2499, Cement 2499-2489 Clay 2489-2097, Wood plug 2097-2094, Cement 2094-2084, Clay 2084-1975, Wood plug 1975-1972, Cement 1972-1962, Clay 1962-1770, Wood plug 1770-1767, Cement 1767-1757, Bridged @ 1536, Clay 1536-1260, Wood plug 1260-1257, Cement 1257-1237, Bridged @ 1040, Wood plug 1040-1037, Clay 1037-1025,

Manner in which coal was plugged: Cement 1025-970, Clay 970-925, Cement 925-870, Clay 870-584, Cement 584-530, Clay 530 to surface.

Description of monument: Erected as per rule # 18.

(THE ABOVE DESCRIPTIONS MUST BE IN DETAIL AND IN ACCORDANCE WITH THE PROVISIONS OF SECTION 10, ARTICLE 4, CHAPTER 22 OF THE CODE)

and that the work of plugging and filling said well was completed on the 1st day of June, 1937.

And further deponents saith not.

M. E. Hawkins C. S. Hebrock 09/22/2023

Sworn to and subscribed before me this 26 day of June, 1937

Grover C. Heddleston Notary Public.

My Commission expires:



GROVER C. HEDDLESTON, Notary Public My Commission Expires March 5, 1939

OK. P.H.C. 11-18-37

AFFIDAVIT IN TRIPLICATE TO TIME AND MANNER OF
PLUGGING AND FILLING WELL
PREPARED BY STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
AND LAND DIVISION

The Manufacturers Light & Heat Co.
800 Union Trust Building
Pittsburgh Pa.

T.A. Rogerson
Mountsville, W. Va.

June 22nd 1937

Proprietor

Witness

John A. Rush

AFFIDAVIT

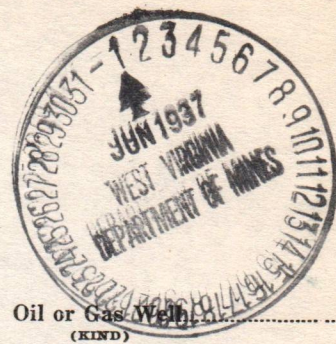
Total depth 3166, Clay 3166-3215, Wood plug 3215-3275.
Cement 3275-3305, Bridged 3305-3325, Clay 3325-3385, Wood plug 3385-3495, Cement 3495-3515,
Clay 3515-3527, Wood plug 3527-3538, Cement 3538-3581, Clay 3581-3611, Wood plug 3611-3627,
Cement 3627-3638, Clay 3638-3650, Wood plug 3650-3660, Cement 3660-3677, Bridged 3677-3680,
Wood plug 3680-3687, Clay 3687-3695.
Cement 370-375, Bridged 375-377, Clay 377-380, Cement 380-385, Clay 385-390, Cement 390-395.

09/22/2023



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



INSPECTOR'S WELL REPORT

Permit No. 141 P

Oil or Gas Well (KIND)

Company	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address	Size			
Farm	16			Kind of Packer
Well No.	13			
District	10			Size of
County	8 1/4			
Drilling commenced	6 5/8			Depth set
Drilling completed	5 3/16			
Date shot	3			Perf. top
Depth of shot	2			Perf. bottom
Initial Open Flow	Liners Used			Perf. top
Open Flow after tubing				Perf. bottom
Volume	CASING CEMENTED	SIZE	No. FT.	Date
Rock Pressure				
Oil	COAL WAS ENCOUNTERED AT	FEET	INCHES	
Fresh water		FEET	INCHES	FEET INCHES
Salt water		FEET	INCHES	FEET INCHES

Drillers' Names: Nick Klug, et al.

Well Abandoned and Plugged, 19

REMARKS: fishing 8 1/4 casing

May 19, 1937 DATE

D. J. Courtney DISTRICT WELL INSPECTOR

09/22/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

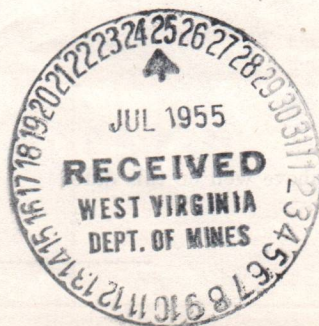
Permit No. WET-141-R

Oil or Gas Well Storage
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>W.R.'S Night And Heat Co</u>				
Address	<u>Pittsburgh PA</u>	Size			
Farm	<u>John D Bush</u>	16'			Kind of Packer
Well No.	<u>3537</u>	13'			
District	<u>Inspector</u> County <u>Netzel</u>	10 1/2"	<u>1018' 10"</u>	<u>1018' 10"</u>	Size of
Drilling commenced	<u>4-2-55</u>	8 3/4"	<u>1502' 0"</u>	<u>1502' 0"</u>	Depth set
Drilling completed	<u>7-14-55</u> Total depth <u>2021'</u>	6 7/8"	<u>1996' 0"</u>	<u>1996' 0"</u>	
Date shot		5 3/16"			Perf. top
Initial open flow	/10ths Water in _____ Inch	3"			Perf. bottom
Open flow after tubing	/10ths Merc. in _____ Inch	2"			Perf. top
Volume	<u>Small amount of gas</u> Cu. Ft. <u>1559' cu. ft per day</u>	Liners Used			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 Paul and Raymond Pricker

Remarks:



DATE 19 55

Bryan J. ...
DISTRICT WELL INSPECTOR

09/22/2023

