



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.

NAME OF WELL OPERATOR Hope Natural Gas Company	COAL OPERATOR OR COAL OWNER No coal operations in vicinity
COMPLETE ADDRESS 445 West Main St., Charleston, W. Va.	ADDRESS
PROPOSED LOCATION Twp. 24, R. 1E, S. 10	COAL OPERATOR OR COAL OWNER
District Putnam	ADDRESS
County Putnam	OWNER OF MINERAL RIGHTS Joseph M. Lavery
Well No. 2810	ADDRESS Wooddale, W. Va.
Owner Joseph M. Lavery	

Government:
The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas having the title thereto. (or as the case may be) under grant or lease dated November 15, 1948 made by Joseph M. Lavery to Hope Natural Gas Company and recorded on the 12 day of February, 1948 in the office of the County Clerk for said County in Book 37A, page 136.

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 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 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 _____ on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,
Hope Natural Gas Company
[Signature]
445 West Main St.
Charleston, W. Va.

Address of Well Operator

10/06/2023

If no such objections be filed or be found by the department of mines within said period of ten days from the receipt of this notice and plat by the department of mines, the department shall forthwith issue to the well operator a drilling permit requiring the filing of such plat, 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.

ROOSEVELT COAL & COKE COMPANY
COAL OPERATOR OR COAL OWNER

Wilmerding, Pennsylvania
ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

OWNER OF MINERAL RIGHTS

ADDRESS

THE MANUFACTURERS LIGHT AND HEAT COMPANY
NAME OF WELL OPERATOR

800 UNION TRUST BUILDING
PITTSBURGH, PENNSYLVANIA
COMPLETE ADDRESS

FEBRUARY 16, 1954

PROPOSED LOCATION

Proctor District

Wetzel County

Well No. F-22215

Joseph M. Estep Farm

GENTLEMEN:

The undersigned well operator is entitled to ^{reopen} ~~mine~~ 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 19, 1952, made by Joseph M. & Theresa Estep, his wife, to THE MANUFACTURERS LIGHT AND HEAT COMPANY, and recorded on the 12th day of May, 1952, in the office of the County Clerk for said County in Book 40-A, page 116.

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.

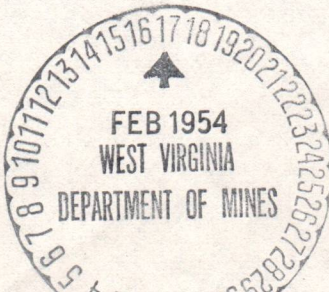
(The next paragraph is to be completed only in Department's copy.)

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,

WELL OPERATOR LAND AGENT

THE MANUFACTURERS LIGHT AND HEAT COMPANY
STREET
800 UNION TRUST BUILDING
CITY OR TOWN
PITTSBURGH, PENNSYLVANIA
STATE



Address of Well Operator }

10/06/2023

*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.

THE MANUFACTURERS LIGHT AND HEAT COMPANY

ROOSEVELT COAL & COKE COMPANY

NAME OF WELL OPERATOR
300 UNION TRUST BUILDING
PITTSBURGH, PENNSYLVANIA
COMPLETE ADDRESS

COAL OPERATOR OR COAL OWNER

Wilmington, Pennsylvania

FEBRUARY 26, 1934

PROPOSED LOCATION

COAL OPERATOR OR COAL OWNER

District Precor

ADDRESS

County Wetzel

OWNER OF MINERAL RIGHTS

Well No. F-22212

ADDRESS

Farm Joseph M. Fager

GENTLEMEN:

The undersigned well operator is entitled to mine 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 19, 1922

under Joseph M. & Florence Fager, his wife

to THE MANUFACTURERS LIGHT AND HEAT COMPANY and recorded on the 12th day of May, 1922

in the office of the County Clerk for said County in Book 40-A page 115

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 on land matter.

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 2 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,

[Signature]
MANAGER AND AGENT
THE MANUFACTURERS LIGHT AND HEAT COMPANY

Address of Well Operator



10/06/2023

300 UNION TRUST BUILDING
CITY OF TOWN
PITTSBURGH, PENNSYLVANIA

Section 2. 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 at said proposed location, the operator shall forthwith commence the drilling of such well, and the department of mines shall have no objection to the location of such well, or to the location of the well operator, and the same is approved and the well operator authorized to proceed to drill at said location.

Permit Number WET-317-R

A-10

August 7, 1944

Hope Natural Gas Company
445 West Main Street
Clarksburg, West Virginia

Gentlemen:

The following permits are enclosed:

MAH226 to drill deeper Well No. 4192 on the
W. S. Pitzer Farm, Lincoln District, Marion County.

WET-317 to drill Well No. 8913 on the Joseph
M. Estep Farm, Protter District, Wetzel County.

Very truly yours,

Secretary
OIL AND GAS DIVISION

MG/jh
enc-4

CC: Inspector D. F. Desist

10/06/2023

B-1

Wet - 317



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

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Littleton, N.W.

WELL RECORD

Oil or Gas Well Gas
(KIND)

Permit No. _____

Company The Manufacturers Light and Heat Company
 Address 800 Union Trust Building, Pgh., Pa.
 Farm Joseph M. Estep Acres 40

Location (waters) _____
 Well No. L-4303 Elev. 1200
 District Proctor County Wetzel

The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____

Drilling commenced 4/1/54 (note 1)
 Drilling completed 1/25/55

Date Shot _____ From _____ To _____
 With _____

Open Flow /10ths Water in 3/8 Inch
/10ths Merc. in _____ Inch

Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS) _____

WELL FRACTURED (DETAILS) _____

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____

ROCK PRESSURE AFTER TREATMENT _____ HOURS

Fresh Water _____ Feet Salt Water _____ Feet

Producing Sand Originally Gordon Stray, plugged back to Maxton Depth 1964' - 2010' (Maxton from Gamma Bay)

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer <u>none</u>
16		16	
13	16	301	Size of _____
10 10 3/4	301	301	
8 8 5/8	1367	1367	Depth set _____
7 7	1982	1982	
5 3/16			Perf. top _____
4 1/2			Perf. bottom _____
3			Perf. top _____
2			Perf. bottom _____
Liners Used			

Attach copy of cementing record. Note 2
 CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 Amount of cement used (bags) _____
 Name of Service Co. _____
 COAL WAS ENCOUNTERED AT 870 FEET _____ INCHES
965 FEET _____ INCHES FEET _____ INCHES
 FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Note 1 - Well originally drilled by Hope Natural Gas on 11/17/44, their number H-8913. Well was redrilled for storage purposes. This is a redrilling record with the exception of the formation data which is taken from the original drilling record.							
Note 2 - 10 3/4" cemented with 125 sacks, no return 8 5/8" screwed on to 42' of original pipe, cemented with 300 sacks, good return 7" cemented at 1964' with 225 sacks, good return							
From Original Well Record							
Coal		soft	870	875			
Pittsburgh Coal			965	972			
Little Dunkard Sand			1310	1315			
Big Dunkard Sand			1450	1470			
First Gas Sand			1550	1650			
First Salt Sand			1690	1760			
Second Salt Sand			1960	2007			
Big Lime			2052	2100			
Big Injun			2100	2380			
Nineveh 30' Sand			2730	2780			
Gordon Stray Sand			2950	2968	Gas @ 2954-64, 180		
Gordon			3002	3008			
Original Total Depth				3125			

RECEIVED
SEP 3 1970

OIL & GAS DIVISION
DEPT. OF MINES

Gas @ 2954-64, 180 10/06/2023

During redrilling operations for storage purposes, well was cleaned out to 2386, and plugged back to 2010' with alternating series of lead and cement plugs, stone, gravel, and red clay.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. WET-317-R

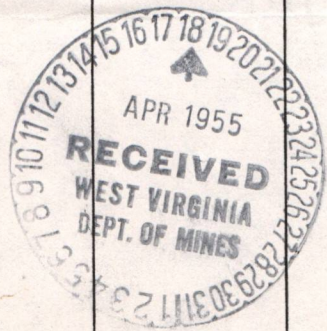
Oil or Gas Well Storage
(KIND)

Company THE MANUFACTURERS LIGHT AND HEAT COMPANY
Address 800 UNION TRUST BLDG., PGH., PENNA.
Farm Jos. M. Estep Acres 40
Location (waters) _____
Well No. 4303 (7-22215) Elev. 1200'
District Proctor County Wetzel
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced April 1, 1954
Drilling completed January 25, 1955
Date Shot _____ From _____ To _____
With _____
Open Flow 0 /10ths Water in 3/8 Inch
_____ /10ths Merc. in _____ Inch
Volume None 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			Kind of Packer
16			
13			
10		300'7"	Size of
8 1/4		1367'2"	
6 5/8		1982'0"	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 870 FEET _____ INCHES
965 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				2386	Schlumberger		Measurement
Set Bridge				2386			
Gravel			2386	2370	7" Delivery		String set at 1964
Lead Plug				2370			
Gravel & Red Clay			2370	2271	8" Steel Die		nipple used to screw on to
Lead Plug				2271			42' of original 8" pipe
Gravel & Red Clay			2271	2221			
Lead Plug				2221	10-3/4 Casing		cemented with 125 bags
Cement			2221	2190			cement. No return
Red Mud			2190	2115			
Stone			2115	2100	8-5/8" casing		cemented with 300 bags
Lead Plug			2100				cement. Good Return
Cement			2100	2010			
Total Depth			2010		7" casing		cemented with 225 bags cement.
Top of Maxon Sand			1964				Good Return
Bottom of Maxon Sand				2010			
Coal Record							
Coal			870	875			
Pittsburgh Coal			965	972			
(Coal record copied from original record)							



10/06/2023

B-4

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red rock			1115	1125			
Lime			1125	1145			
Red rock			1145	1170			
Slate			1170	1240			
Red rock			1240	1260			
Lime			1260	1275			
Slare			1275	1300			
Red rock			1300	1310			
LITTLE DUNKARD			1310	1315			
Slate			1305	1335			
Lime			1335	1410	water	1400	
Slate			1410	1450			
BIG DUNKARD			1450	1470			
Slate			1470	1550			
GAS SAND			1550	1650			
Slate			1650	1690			
FIRST SALT			1690	1760	water	1750	
Slate			1760	1915			
Lime			1915	1960			
SECOND SALT			1960	2007			
Slate shell			2001	2060			
BIG LIME			2052	2100			
BIG INJUN			2100	2380			
Slate shell			2380	2600			
Slate dark			2600	2680			
Slate shell			2680	2730			
THIRTY FOOT			2730	2780			
Slate			2780	2830			
Slate shell			2830	2840			
Pink Rock			2840	2890			
Slate			2890	2950			
GORDON STRAY			2950	2968	gas	2954 2964	
Slate			2968	3002			
GORDON			3002	3008			
Slate shell			3008	3125			
Total depth				3125			

10/06/2023

Date November 1, 1944, 194

APPROVED Hope Natural Gas Company, Owner

By [Signature] Ass't. to Gen. Sup't.
(Title)

B-3
Littleton



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. WET- 317

Oil or Gas Well (KIND)

Company Hope Natural Gas Company.
Address 445 West Main St. Clarksburg, W. Va.
Farm Joseph M. Estep. Acres 40
Location (waters) _____
Well No. 8913 Elev. 1200
District Proctor County Wetzel
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced August 21, 1944
Drilling completed October 13, 1944
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	303	303	Size of
8 1/4	1352	1352	
6 5/8	2075	2075	Depth set
5 3/16	2862	2862	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow 20/10ths Water in 2" OF Inch
_____ /10ths Merc. in _____ Inch
Volume 189,000 Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water none recorded feet _____ feet
Salt water 1400- 1750 feet _____ feet

CASING CEMENTED Not cemented SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 870 FEET 60 INCHES
965 FEET 84 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
	Clay		0	10			
	Stone		10	20			
	Lime		20	30			
	Clay		30	40			
	Lime		40	55			
	Red rock		55	68			
	Lime		68	85			
	Sand		85	106			
	Lime		106	130			
	Sand		130	140			
	Clay		140	160			
	Lime		160	178			
	Sand		178	190			
	Red rock		190	205			
	Lime		205	228			
	Sand		228	235			
	Red rock		235	247			
	Sand		247	258			
	Slate		285	298			
	Sand		298	320			
	Slate		320	395			
	Lime		395	412			
	Slate		4;2	450			
	Lime		450	480			
	Slate		480	500			
	Sand		500	575			
	Slate		575	600			
	Lime		600	620			
	Slate		620	700			
	Sand		700	720			
	Slate		720	750			
	Lime		750	870			
	Coal		870	875			
	Lime		875	965			
	Pittsburgh Coal		965	972			
	Lime		972	995			
	Slate		995	1030			
	Sand		1030	1040			
	Slate		1040	1115			

NOV 1944
WEST VIRGINIA
DEPARTMENT OF MINES
10/06/2023

B-6



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

February 27, 1954

ARCH J. ALEXANDER
CHIEF

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

Gentlemen:

Enclosed are permits for the redrilling of the following wells:

<u>Permit No.</u>	<u>Well No.</u>	<u>Farm</u>	<u>District</u>
Wet-266-R	1-3617	Frank Estep	Proctor
✓ Wet-317-R	F-22215	Joseph M. Estep	Proctor

COPY

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

CNH:K
Encl-4

CC: Inspector Oliver W. Lineberg



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 CHARLESTON
 February 25, 1934

ARCH J. ALEXANDER
 CHIEF

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

Gentlemen:

Enclosed are permits for the following

wells:

<u>Permit No.</u>	<u>Well No.</u>	<u>Term</u>	<u>District</u>
Wet-286-R	1-3617	Frank Estep	Proctor
Wet-317-R	7-22215	Joseph N. Estep	Proctor

Very truly yours,

Administrative Assistant
 OIL AND GAS DIVISION

CC: Inspector Oliver W. Mansberg
 OWH:K
 KWH:K

B-11

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

RECEIVED

JAN 26 1971

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WET-317-REC-P FINAL

Oil or Gas Well _____
(KIND)

Company <u>MFG. LIGHT AND HEAT</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>JOSEPH M. ESTEP</u>	16			
Well No. <u>4303</u>	13			Size of _____
District <u>PROCTOR</u> County <u>WETZEL</u>	10			
Drilling commenced _____	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of 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 _____ Cu. Ft.	Liners Used _____			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES FEET _____ INCHES			

Drillers' Names _____

Remarks: WELL SITE IN GOOD ORDER FOR RELEASE.

BOND CANCELLED
RETURNED TO WELL OPERATOR AND/OR PRINCIPAL

1/26/ 1971

1-22-71
DATE

Arthur Null
DISTRICT WELL INSPECTOR
10/06/2023

B-12



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

January 26, 1971

The Manufacturers Light
and Heat Company
P. O. Box 1196
Pittsburgh, Pa. 15230

IN RE: Permit	<u>WET-317-RED-P</u>
Farm	<u>Joseph M. Estep</u>
Well No.	<u>4303</u>
District	<u>Broctor</u>
County	<u>Wetzel</u>

Gentlemen:

The final inspection report for the Well which is described above has been received in this office.

Please be advised that the Well which is covered by the above permit number has been released under your Blanket Bond.

Very truly yours,

Deputy Director
Oil and Gas Wells Division

mb

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

H.N.G.Co.
Well 8913

Well to be plugged and filled as follows:

Fill with clay mud to 2930' and place cement or other suitable plug. Remove string of 5 3/16" casing. Install bridge at 2410', fill with mud or clay to 2085', place plug and remove string of 6 5/8" casing. Install bridge at 1790'- fill with mud or clay to 1670' and place plug of cement.

Install bridge at 1440'- fill with mud or clay to 1362'- place plug and remove string of 8 1/4" casing. Fill to 1290' and place plug of cement. Install bridge at 1050'- fill to 1002'- Cement from 1002' to 945'- fill to 905'- Cement from 905' to 850' fill with mud clay or other non-porous material to 313'- place plug and remove string of 10" casing Continue filling to surface and erect concrete marker over hole.

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,

Hope Natural Gas Company.

[Signature]
Ass't. to Gen. 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

17th day of November, 194 4

10/06/2023

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

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.

<u>No coal operations in vicinity.</u> COAL OPERATOR OR COAL OWNER	<u>Hope Natural Gas Company.</u> NAME OF WELL OPERATOR
_____	<u>445 West Main St. Clarksburg, W. Va.</u> COMPLETE ADDRESS
ADDRESS	
_____	<u>November 14, 1944.</u> 194
COAL OPERATOR OR COAL OWNER	WELL TO BE ABANDONED
_____	<u>Proctor,</u> District
Surface: ADDRESS	<u>Wetzel,</u> County
<u>Joseph M. Estep.</u> LEASE OR PROPERTY OWNER	Well No. <u>8913</u>
_____	<u>Joseph M. Estep.</u> Farm
<u>Woodsdale, W. Va.</u> ADDRESS	

NOTE: If plugging cannot begin on the date specified below, please notify
Gentlemen:— Inspector D. F. Desist, Clarksburg, telephone 3053-R, or notify Oil and
Gas Division, telephone 34-741.

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 ^{22nd} ~~19~~ day of November, 1944,
(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."

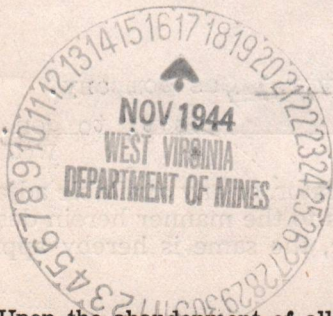
This notice is being mailed by registered mail to each of you at the above addresses on the
above date.

Very truly yours,

Hope Natural Gas Company.

[Signature]
Ass't. to Gen. Supt.
Well Operator.

10/06/2023



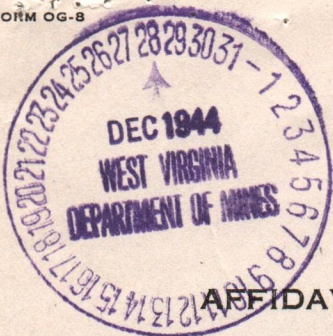
NOTE: Upon the abandonment of all wells drilled prior to June 1, 1929, a plat prepared by a competent
engineer, showing the district and county in which the tract of land is located, the name and acreage of same,
the names of the owners and adjacent tracts, and the location of the about to be abandoned 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)

WET-317-P



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



AFFIDAVIT OF PLUGGING AND FILLING WELL

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

No coal operations in vicinity.
COAL OPERATOR OR OWNER

Hope Natural Gas Company.
NAME OF WELL OPERATOR

ADDRESS

445 West Main St., Clarksburg, W. Va.
COMPLETE ADDRESS

COAL OPERATOR OR OWNER

194
WELL AND LOCATION

Surface: ADDRESS

Proctor District

Joseph M. Estep
LEASE OR PROPERTY OWNER

Wetzel County

Woodsdale, W. Va.
ADDRESS

Well No. 8913

Joseph M. Estep Farm

STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Wetzel } SS:

Alf Ernest and W.M. Ernest
(A. G. Isiminger Drlg Contractor)

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 Hope Natural Gas Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 16th day of November, 1944, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL			PLUGS USED	CASING	
	FORMATION	CONTENT	FROM TO		SIZE & KIND	CSG PULLED
Total depth of well	3125 ft.				10"	
	Filled with clay mud to 2930'				308'	None
	removed 5 3/16 casing, installed bridge at 2410', filled with clay to 2085', placed plug and removed string of 6 5/8 casing, installed bridge at 1790', then filled solid to 1670' and placed cement plug.				8 1/2"	
	Installed bridge at 1440', filled with clay mud to 1362', then placed cement plug then removed 8 1/2 casing, after pulling 8 1/2 casing well bridged at 1150 and unable to clean out placed cement plug at this depth then filled to 1002', cement from 1002' to 945' then filled to 905', cemented from 905' to 850' then filled with mud and clay to 313' then placed cement plug and removed 10" casing then filled solid to surface and erected concrete monument marker over the hole.				1249' 8"	117' 4"
					6 5/8"	
					2091'	None
					5 3/16"	
					2824'	50'
COAL SEAMS	DESCRIPTION OF MONUMENT					
(NAME) <u>Mapletown</u>	870 to 875					Concrete monument 30" below surface
(NAME) <u>Pittsburgh</u>	965 to 972					and 30" above surface, 36"x 36" Base.
(NAME)						
(NAME)						

and that the work of plugging and filling said well was completed on the 18th day of December, 1944. 10/06/2023

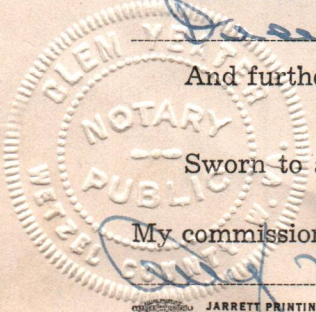
And further deponents saith not.

Sworn to and subscribed before me this 17 day of December, 1944.

My commission expires: 7-9-1949

Notary Public.

Permit No. West-317-10



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DAVANT OF PLUGGING AND FILLING WELL

DAVANT SHOULD BE MADE IN THE DATE AND TIME OF THE FILLING OF THE WELL AND THE FILLING SHOULD BE MADE IN SUCH A MANNER AS TO BE EFFECTIVE AND PERMANENT.

No coal operations in vicinity.
This Natural Gas Company,
415 West Main St., Charleston, W. Va.

Witness my hand and seal of office this 18th day of December, 1944.
Joseph H. Taylor, Director

AFFIDAVIT

STATE OF WEST VIRGINIA

County of Mingo

I, Joseph H. Taylor, Director of the Department of Mines, do hereby certify that the above and foregoing is a true and correct copy of the report of the Inspector of Mines for the month of November, 1944, and that the well was plugged and filled in accordance with the provisions of the Act to amend the Act to regulate the mining of coal in this State, approved March 27, 1920, and the Act to amend the Act to regulate the mining of coal in this State, approved March 27, 1920, and the Act to amend the Act to regulate the mining of coal in this State, approved March 27, 1920.

DATE	TIME	DESCRIPTION	REMARKS
11/15/44	10:00	Plugged and filled with cement grout.	Well No. 1234
11/15/44	11:00	Plugged and filled with cement grout.	Well No. 1234
11/15/44	12:00	Plugged and filled with cement grout.	Well No. 1234
11/15/44	1:00	Plugged and filled with cement grout.	Well No. 1234
11/15/44	2:00	Plugged and filled with cement grout.	Well No. 1234
11/15/44	3:00	Plugged and filled with cement grout.	Well No. 1234
11/15/44	4:00	Plugged and filled with cement grout.	Well No. 1234
11/15/44	5:00	Plugged and filled with cement grout.	Well No. 1234
11/15/44	6:00	Plugged and filled with cement grout.	Well No. 1234
11/15/44	7:00	Plugged and filled with cement grout.	Well No. 1234
11/15/44	8:00	Plugged and filled with cement grout.	Well No. 1234
11/15/44	9:00	Plugged and filled with cement grout.	Well No. 1234
11/15/44	10:00	Plugged and filled with cement grout.	Well No. 1234
11/15/44	11:00	Plugged and filled with cement grout.	Well No. 1234
11/15/44	12:00	Plugged and filled with cement grout.	Well No. 1234

Concrete monument 30" below surface
and 30" above base, 36" x 36" Base.



c-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:

2010'	Total Depth
1964'	Set 7" Baker Bridge Plug
1964'-1954'	Cement
1954'-Surface	Aquagel

Casing run & cemented to Surface.

10 3/4"	300'
8 5/8"	1367'
7"	1982'

No Casing to be pulled.

Erected marker as per rule # 14, 1969 Regulations.

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

IF PARTIAL PLUGGING
PLEASE SUBMIT REVISED WELL RECORD
WHEN WORK IS COMPLETED.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,

THE MANUFACTURERS LIGHT & HEAT COMPANY

Albert J. Masella

Manager, Land, Leasing and Right of Way 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

3rd. day of September, 1970.

DEPARTMENT OF MINES 10/06/2023
Oil and Gas Division

By: *Robert A. Todd*

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



RECEIVED

SEP 3 1970-CEN

OIL & GAS DIVISION
DEPT. OF MINES

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

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

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

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

Roosevelt Coal & Coke Company

Coal Operator

3315 West Liberty Avenue
Pittsburgh, Pennsylvania 15219

Address

Coal Owner

Address

Lease or Property Owner

Address

The Manufacturers Light & Heat Company

Name of Well Operator

P.O. Box 1196, Pittsburgh, Pa. 15230

Complete Address

March 12, 1970

Date

WELL TO BE ABANDONED

Proctor District

Wetzel County

Well No. 4303

Joseph M. Estep Farm

Inspector Arthur Null, Box 296, Hundred, W. Va. 26575 Telephone 775-5611

TO BE NOTIFIED 24 HOURS IN ADVANCE OF PLUGGING OPERATIONS

Gentlemen:—

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

the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,

THE MANUFACTURERS LIGHT & HEAT COMPANY

Albert J. Martin

ast. Manager, Land, Leasing and Right of Way Well Operator

NOTE: Upon the abandonment of any well drilled prior to June 1, 1929, a plat prepared by a registered engineer, shall be filed with THREE COPIES OF APPLICATION, (OG-9) AND "WORK ORDER" AND TWO COPIES OF THE WELL RECORD, (OG-10). The map must show the district and county in which the tract of land is located, the name and acreage of same, the name or names of the owners and names of adjacent tracts and the location of the well to be abandoned, determined by survey with the courses and distances of such well from two permanent points or landmarks on said tract, in compliance with Rule 5 of the Rules and Regulations.

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

NOTE: PERMIT IS NON TRANSFERABLE.

BLANKET BOND

WET-317-RED-P

Permit Number

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

10/06/2023

STATEMENT OF WORKING AND FILLING WELL

APPROVED BY THE STATE ENGINEER AND SUPERVISOR OF MINES AND METALS

The Manufacturers Light and Heat Company
Post Office Box # 1196

Roosevelt Coal & Coke Company

Pittsburgh, Pennsylvania 15230

3319 Wood Industry Avenue

November 2, 1970

Pittsburgh, Pennsylvania 15211

Tractor

Metals

1970

Joseph H. Bates

Arthur Hill, Humboldt, W. Va. 26275 Home 77-5611

Metals

Eastern Services Inc.

70

September

3rd

1970	0	10-3/4"	Total Depth	1970
1971	0	2-5/8"	Set 7" Baker Bridge Plug	1971
1981	0	7"	Cement Liner	1981 = 1981
			Apex of	1981 = Surface

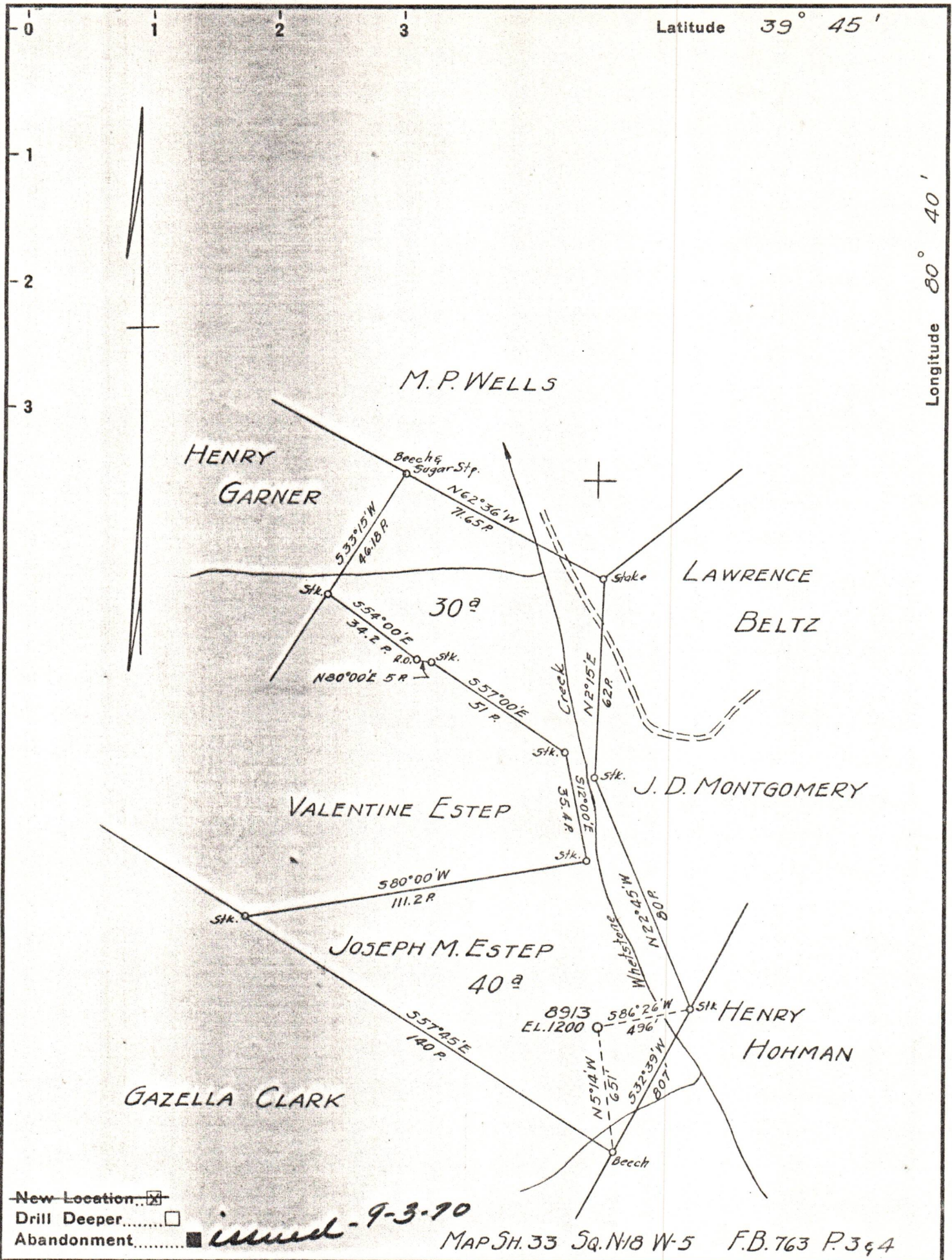
6-3/8" casing was reduced to 2" with
average nipple above cement block & 6' of
2-3/8" pipe was used as vent with angle
on top. Rate bearing Co. name in Well
to permanently attached to vent
1970

Pittsburgh 2621-2721

September 70

10/06/2023





issued - 9-3-90

MAP SH. 33 Sq. N18 W-5 F.B. 763 P. 3 & 4

The Manufacturers Light & Heat Co.
 Company ~~HOPE NATURAL GAS CO.~~
 Address P.O. Box 1196, Pittsburgh, Penna., 15230
 CLARKSBURG, W. VA.
 Farm JOSEPH M. ESTEP
 Tract _____ Acres 40 Lease No. 55892
 Well (Farm) No. _____ Serial No. 4303
 8913
 Elevation (Spirit Level) 1200
 Quadrangle LITTELTON
 County WETZEL District PROCTOR
 Engineer *W.M. Bowen*
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 7-22-44 Scale 1" = 40 POLES

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

WELL LOCATION MAP
 FILE NO. WET-317-Redrill-P
 10/06/2023.
 MANUFACTURERS Lgt. & Heat Co.

+ 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.