

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.

STATE OF WEST VIRGINIA
COAL OPERATOR OR COAL OWNER

CARNEGIE NATURAL GAS COMPANY
NAME OF WELL OPERATOR

ADDRESS

1014 Frick Building
PITTSBURGH, PA.
COMPLETE ADDRESS

COAL OPERATOR OR COAL OWNER

APRIL 22, 1941, 193

PROPOSED LOCATION

ADDRESS

GRANT District

T. J. GLOVER and DANIEL GLOVER
OWNER OF MINERAL RIGHTS

WETZEL County

Route #1, SMITHFIELD, W. VA.
ADDRESS

Well No. 1-1559
39° 35'
80° 30'

T. J. GLOVER 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 OCTOBER 21, 1925, made by T. J. GLOVER and DANIEL GLOVER, to CARNEGIE NATURAL GAS COMPANY, and recorded on the 29th day of DECEMBER, 1925, in the office of the County Clerk for said County in Book 19-A, page 380.

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,



Address of Well Operator }

CARNEGIE NATURAL GAS COMPANY
WELL OPERATOR

1014 FRICK BUILDING
STREET

PITTSBURGH
CITY OR TOWN

PENNSYLVANIA
STATE

10/13/2023

\*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.

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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 HILLTOP OIL COMPANY	ADDRESS 1001 1ST AVENUE CHESAPEAKE, VA.
NAME OF WELL OPERATOR HILLTOP OIL COMPANY	ADDRESS 1001 1ST AVENUE CHESAPEAKE, VA.
PROPOSED LOCATION	ADDRESS 1001 1ST AVENUE CHESAPEAKE, VA.
DISTRICT	ADDRESS 1001 1ST AVENUE CHESAPEAKE, VA.
COUNTY	ADDRESS 1001 1ST AVENUE CHESAPEAKE, VA.
WELL NO. 1-123	ADDRESS 1001 1ST AVENUE CHESAPEAKE, VA.
DATE	ADDRESS 1001 1ST AVENUE CHESAPEAKE, VA.

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas lying on this tract, for as the case may be, under lease or contract made by \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas lying on this tract, for as the case may be, under lease or contract made by \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas lying on this tract, for as the case may be, under lease or contract made by \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas lying on this tract, for as the case may be, under lease or contract made by \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas lying on this tract, for as the case may be, under lease or contract made by \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas lying on this tract, for as the case may be, under lease or contract made by \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas lying on this tract, for as the case may be, under lease or contract made by \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas lying on this tract, for as the case may be, under lease or contract made by \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas lying on this tract, for as the case may be, under lease or contract made by \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas lying on this tract, for as the case may be, under lease or contract made by \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

Very truly yours,

\_\_\_\_\_

WELL OPERATOR

ADDRESS  
1001 1ST AVENUE  
CHESAPEAKE, VA.

DATE

10/13/2023

1001 1ST AVENUE  
CHESAPEAKE, VA.



A-10

# Carnegie Natural Gas Company

UNITED STATES STEEL CORPORATION SUBSIDIARY

General Offices, Frick Building

Pittsburgh, Pa.

April 22, 1941.

CLARENCE SWEENEY  
~~XXXXXXXXXXXX~~  
GENERAL SUPERINTENDENT.

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

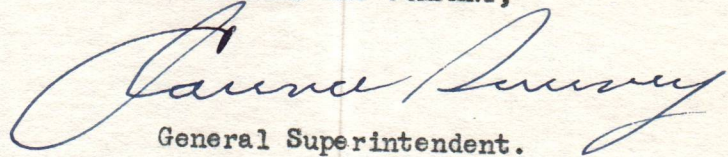
Dear Sirs:

We are enclosing Notice of Proposed  
Location, together with tracing, for well #1-1559  
on the T. J. Glover farm in Grant District, Wetzel  
County, West Virginia.

Please forward us Drilling Permit for  
this well.

Yours very truly,

CARNEGIE NATURAL GAS COMPANY,

  
General Superintendent.

CS:mv  
cc2  
enc.

10/13/2023



A-11

April 24, 1941

T. J. & Daniel Glover  
Route No. 1  
Smithfield, West Virginia

Gentlemen:

A notice of proposed location of Well No. 1-1559 on the T. J. Glover Farm, Grant District, Wetzel County, has been received from Carnegie Natural Gas Company, Pittsburgh, Pennsylvania. 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 please file same not later than May 4, 1941.

Very truly yours,

Secretary  
OIL AND GAS DIVISION

MG/am

10/13/2023



A-12

May 5, 1941

Carnegie Natural Gas Company  
1014 Frick Building  
Pittsburgh, Pennsylvania

Gentlemen:

The following permits are enclosed:

OIL-494 to drill Well No. 2-1533 on the  
Coleman L. Peters et al Farm, Center District, Gilmer  
County.

WT-253 to drill Well No. 5-1533 on the  
Mike Barr Farm, Grant District, Wetzel County.

WT-254 to drill Well No. 1-1533 on the  
T. J. Clover Farm, Grant District, Wetzel County.

Very truly yours,

Secretary  
OIL AND GAS DIVISION

HC/can  
enc-3



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime	dark	soft	545	560			
Slate	light	soft	560	570			
Slate	dark	soft	570	580			
Slate	dark	soft	580	590			
Slate	dark	soft	590	600			
Lime	gray	hard	600	610			
Lime	gray	hard	610	620			
Lime	gray	hard	620	630			
Rock	red	soft	630	650			
Slate	dark	soft	650	675			
Rock	gray	soft	675	708			
Lime	dark	hard	708	713			
Lime	dark	hard	713	720			
Lime	dark	hard	720	730			
Lime	dark	hard	730	740			
Lime	dark	hard	740	750			
Slate	light	soft	750	795			
Slate	black	soft	795	800			
Sand	white	hard	800	840			
Lime	dark	hard	840	860			
Sand	white	soft	860	875			
Sand	white	hard	875	893			
Slate	dark	soft	893	930			
Lime	light	hard	930	1047			
Slate	dark	soft	1047	1053			
Coal	dark	soft	1053	1058			Mapletown S.L.
Slate	dark	soft	1058	1080			
Lime	light	hard	1080	1135			
Slate	light	soft	1135	1140			
Coal	black	soft	1140	1152			Pittsburgh S.L.
Slate	light	soft	1152	1180			
Sand	light	hard	1180	1190			
Slate	light	soft	1190	1200			
Lime	gray	hard	1200	1235			
Rock	red	soft	1235	1245			
Slate	light	soft	1245	1285			
Lime	light	hard	1285	1315			
Rock	red	soft	1315	1340			
Lime	dark	hard	1340	1351			
Rock	red	soft	1351	1357			
Lime	dark	hard	1357	1367			
Slate	light	soft	1367	1410			
Lime	dark	hard	1410	1430			
Slate	dark	soft	1430	1460			
Rock	red	soft	1460	1480			
Lime	dark	medium	1480	1490			
Slate	dark	soft	1490	1505			
Rock	red	soft	1505	1520			
Slate	dark	soft	1520	1547			
Sand	light	hard	1547	1550			
Slate	dark	soft	1550	1580			Steel Line 1552
Sand	light	hard	1580	1600			Little Dunkard
Lime	dark	hard	1600	1610			
Slate	dark	soft	1610	1622			
Lime	light	hard	1622	1638			
Sand	gray	hard	1638	1672			Big Dunkard
Slate	dark	soft	1672	1682			
Lime	light	hard	1682	1727			
Slate	dark	soft	1727	1736			
Sand	light	hard	1736	1765			
Slate	dark	soft	1765	1795			
Sand	light	medium	1795	1856			Gas Sand
Slate	dark	soft	1856	1906			
Salt Sand	light	hard	1906	1933	Gas - show		1st Salt
Slate	dark	soft	1933	1965			
Salt Sand	light	hard	1965	1982			2nd Salt
Slate	dark	soft	1982	2009			
Lime	dark	hard	2009	2020			
Slate	black	soft	2020	2039			
Salt Sand	light	hard	2039	2100	Water	2014 2018	3rd Salt

10/13/2023  
 2 1/2 bailers per hour  
 Date..... OCTOBER 3, 1941.

APPROVED..... CARNEGIE NATURAL GAS COMPANY..... Owner

By.....  
 (Title) Geologist



B-1  
Littletown SE

WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. WRT-254

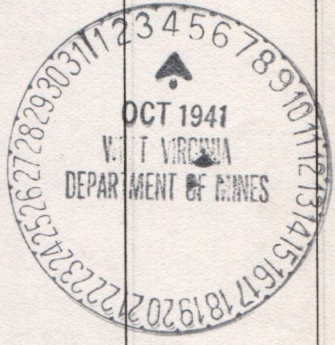
Oil or Gas Well Gas  
(Kind)

Company Carnegie Natural Gas Company  
Address Pittsburgh, Pa.  
Farm T. J. Glover Acres 120  
Location (waters) Wylie Fork of Fishing Creek  
Well No. 1E-1559 Elev. 1464  
District Grant County Wetzel  
The surface of tract is owned in fee by T. J. and Daniel Glover  
Address Smithfield, W. Va.  
Mineral rights are owned by T. J. and Daniel Glover  
Address Smithfield, W. Va.  
Drilling commenced June 5, 1941  
Drilling completed September 27, 1941  
Date shot..... Depth of shot.....  
Open Flow /10ths Water in..... Inch  
/10ths Merc. in..... Inch  
Volume 158,530 Cu. Ft.  
Rock Pressure 192 - 5<sup>16</sup>" lbs. 40 hrs.  
90 - between 6<sup>3</sup>/<sub>8</sub> & 5<sup>3</sup>/<sub>16</sub>" - 40  
Oil..... bbls., 1st 24 hrs.  
Fresh water..... feet..... feet  
Salt water 2044-2048 feet 2132-2135 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16.....			Kind of Packer.....
13.....			<u>Bottom Hole</u>
10.....	<u>406</u>	<u>406</u>	Size of <u>6<sup>5</sup>/<sub>8</sub>"</u> and
8 <sup>1</sup> / <sub>2</sub> .....	<u>1547</u>	<u>1547</u>	<u>5<sup>3</sup>/<sub>16</sub>"</u>
6 5/8.....	<u>2385</u>	<u>2385</u>	Depth set <u>2385'</u>
5 3/16.....	<u>3257</u>	<u>3257</u>	and <u>3257'</u>
3.....			Perf. top.....
2.....			Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

CASING CEMENTED..... SIZE..... No. FT..... Date.....  
COAL WAS ENCOUNTERED AT 1053 FEET..... INCHES  
1140 FEET..... INCHES..... FEET..... INCHES  
..... FEET..... INCHES..... FEET..... INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Clay	red	soft	0	15			
Lime	light	hard	15	20			
Rock	red	soft	20	50			
Slate	light	soft	50	75			
Lime	light	hard	75	90			
Slate	light		90	110			
Lime	light		110				
Lime	light	hard	110	135			
Rock	red	soft	135	150			
Rock	gray	soft	150	160			
Rock	pink	soft	160	165			
Rock	light	soft	165	180			
Rock	red	soft	180	210			
Rock	gray	soft	210	225			
Rock	red	soft	225	231			
Lime	light	hard	231	236			
Sand	white	hard	236	246			
Sand	white	hard	246	256			
Lime	gray	hard	256	266			
Rock	red	soft	266	300			
Rock	gray		300	310			
Rock	red	soft	310	320			
Rock	red		320	335			
Rock	pink	soft	335	352			
Rock	red		352	360			
Slate	dark	soft	360	368			
Slate	dark	soft	368	376			
Slate	dark	soft	376	381			
Slate	dark	soft	381	386			
Slate	dark	soft	386	396			
Slate	dark	soft	396	401			
Slate	dark	soft	401	410			
Slate	dark	soft	410	431			
Sand	light	hard	431	440			
Slate	dark	soft	440	450			
Slate	dark	soft	450	460			
Slate	white	soft	460	470			
Slate	white	soft	470	480			
Slate	dark	soft	480	490			
Slate	dark	soft	490	500			
Lime	light	hard	500	528			
Slate	dark	soft	528	535			
Rock	red	soft	535	545			



Steel Line  
406' 7"

10/13/2023

R.A.S.







B-3

WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

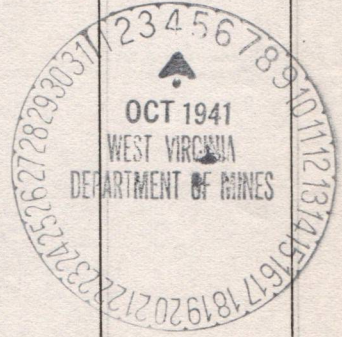
WELL RECORD

Permit No. 254

Oil or Gas Well (Kind)

Company.....	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address.....	Size			
Farm T. J. Glover Acres.....	16			Kind of Packer.....
Location (waters).....	13			Size of.....
Well No. 1E-1559 Elev.....	10			Depth set.....
District..... County.....	8 1/4			Perf. top.....
The surface of tract is owned in fee by.....	6 5/8			Perf. bottom.....
Address.....	5 3/16			Perf. top.....
Mineral rights are owned by.....	3			Perf. bottom.....
Address.....	2			
Drilling commenced.....	Liners Used.....			
Drilling completed.....				
Date shot..... Depth of shot.....				
Open Flow /10ths Water in..... Inch				
/10ths Merc. in..... Inch				
Volume..... Cu. Ft.	CASING CEMENTED.....	SIZE.....	No. FT.....	Date
Rock Pressure..... lbs..... hrs.				
Oil..... bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT.....	FEET.....	INCHES	
Fresh water..... feet..... feet	.....	FEET.....	INCHES	
Salt water..... feet..... feet	.....	FEET.....	INCHES	

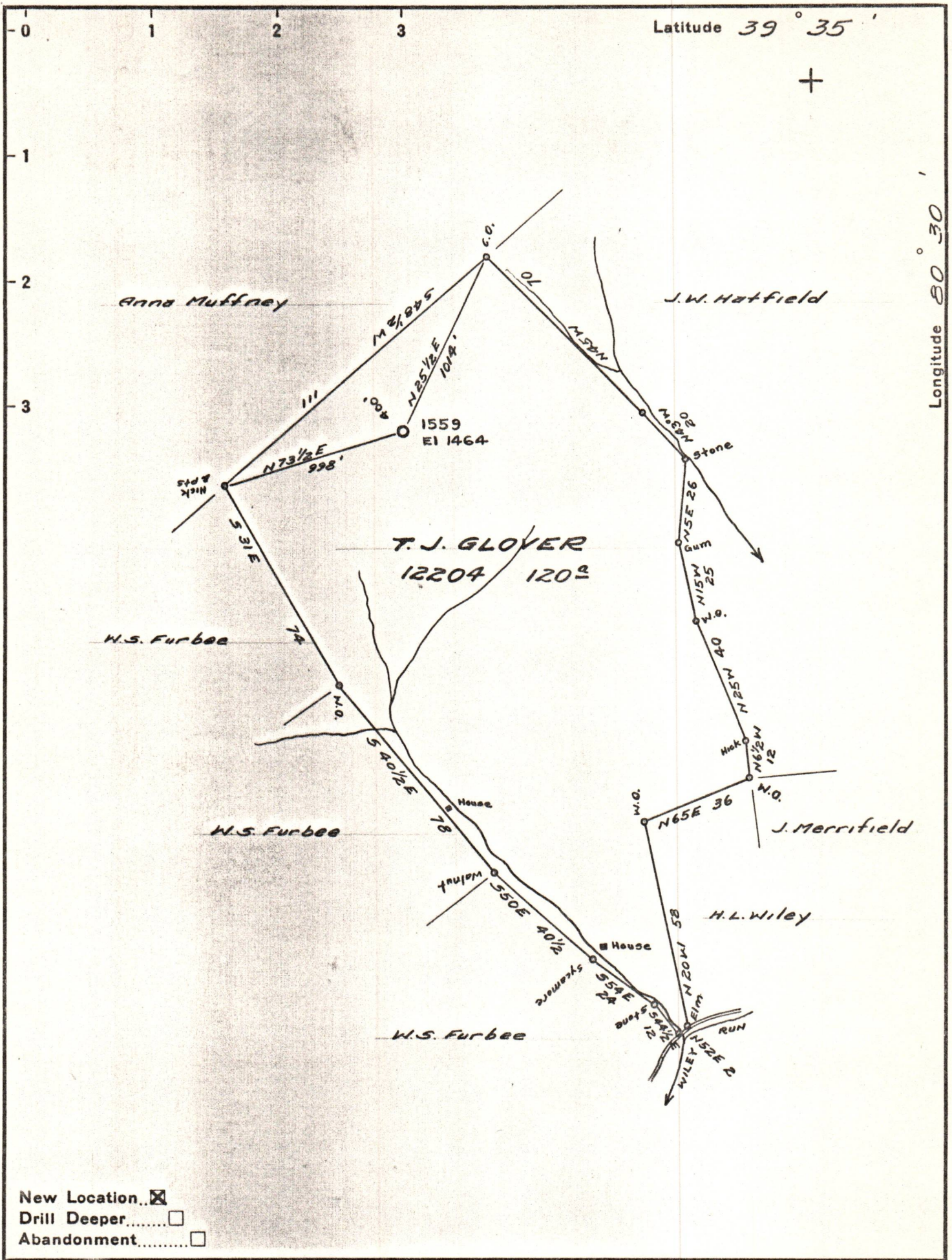
Formation Continued	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Slate	dark	soft	2100	2116			
Sand	light	hard	2116	2140			
Slate	dark	soft	2140	2152	Water	2132-2135	
Sand	white	hard	2152	2190	2 bailers per hour		
Slate	dark	soft	2190	2202			
Sand	white	soft	2202	2220			
Slate	white	soft	2220	2226			
Rock	red	soft	2226	2246			
Lime	dark	hard	2246	2250			
Rock	red	soft	2250	2300			
Slate	light	soft	2300	2320			
Lime	dark	hard	2320	2330			
Pencil Cave	dark	soft	2330	2345			Slate
Lime	light	hard	2345	2428	Cu.Ft.		Big Lime
Sand	light	hard	2428	2626	Gas-81,630	2435-2444	Big Injun
Slate	dark	soft	2626	2700			
Lime	white	hard	2700	2730			
Slate	dark	soft	2730	2780			
Lime	white	hard	2780	2810			
Slate	dark	soft	2810	2850			
Lime Shells	dark	hard	2850	2900			
Slate	dark	soft	2900	2940			
Sand	dark	hard	2940	2960			
Lime	dark	hard	2960	2992			
Slate	dark	soft	2992	3045			
Lime	dark	hard	3045	3059			
Slate	dark	soft	3059	3105			
Lime	light	hard	3105	3112			
Slate	dark	soft	3112	3150			
Lime	light	hard	3150	3205			
Slate	dark	soft	3205	3248			
Sand		hard	3248	3265			
Slate			3265	3287			
Sand	dark	medium	3287	3294	Cu.Ft.		
Slate	dark	soft	3294	3318	Gas-112,000	3288-3290	
Sand	dark	hard	3318	3338			
Slate	dark	soft	3338	3367			4th Sand
Lime	dark	hard	3367	3380			
Slate	dark	soft	3380	3416			
Sand	gray	hard	3416	3425			
Slate	dark	soft	3425	3449			
Total Depth			3449				Steel Line



10/13/2023

R.A.S.





Company CARNEGIE NATURAL GAS  
 Address PITTSBURGH, PA.  
 Farm T.J. GLOVER  
 Tract \_\_\_\_\_ Acres 120 Lease No. E-12204-7A  
 Well (Farm) No. 1 Serial No. 1559  
 Elevation (Spirit Level) 1464  
 Quadrangle LITTLETON SE  
 County WETZEL District GRANT  
 Engineer R. L. SWEENEY  
 Engineer's Registration No. \_\_\_\_\_  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 4-22-41 Scale 1" = 40 rods

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

WELL LOCATION MAP  
 FILE NO. WET-254

+ 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.