

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. | |
|---|--|
| | United Fuel Gas Co. |
| COAL OPERATOR OR COAL OWNER | NAME OF WELL OPERATOR |
| | Charleston, W. Va. |
| ADDRESS | COMPLETE ADDRESS |
| | May 13 |
| COAL OPERATOR OR COAL OWNER | May 13 1958 PROPOSED LOCATION |
| | |
| ADDRESS | <u>Lincoln</u> <u>District</u> |
| United Fuel Gas Co. | Wayne |
| OWNER OF MINERAL RIGHTS | wayne Kat. 38°00' County |
| Charles W W | Well No. 8661 Kon. 82° 25' Elev. |
| Charleston, W. Va. | |
| Gentlemen: | United Fuel Gas Co. Min. Tr. #1 Farm |
| | |
| | ill upon the above named farm or tract of land for |
| oil and gas, having fee title thereto, (or as the case m | |
| | Huntington Development & Gas Co., to |
| United Fuel Gas Co. | , and recorded on the 27th day |
| December, 1946, in | the office of the County Clerk for said County in |
| Book 234 , page 318 | |
| and County above named, determined by survey and county and marks. | ourses and distances from two permanent points, or |
| aries of the same, who have mapped their workings ar coal operators or coal owners (if any) above named as | nd filed their maps as required by law, excepting the addressees. |
| The above named coal operators or coal owners (if desire to make to such proposed location, or which they the drilling of a well at said proposed location will cause coal mines, must be received by, or filed with the Departma copy of this notice and accompanying plat by said Department forms for use in making such objections will be further than the proposed and that all such objections must set forth as grounds on which such objections are based and indicate the moved to overcome same. | are required to make by Section 3 of said Code, if a dangerous condition in or about their respective ment of Mines within ten* days from the receipt of spartment. Said coal operators are further notified trainished to them by the Department of Mines promptly definitely as is reasonably possible the ground or |
| (The next paragraph is to be completed only in | n Department's copy.) |
| | nailed by registered mail, or delivered to the above |
| named coal operators or coal owners at their above shown on the same day with the mailing or delivery of the West Virginia. | own respective addressday before. |
| Very tru | lly yours, |
| 13 W 10 11 18 19 3 | UNITED FUEL GAS COMPANY |
| Address of Well Operator | WELL OPERATOR |
| Address of Well Operator | P. O. Box 1273 |
| Address of | STREET |
| Well Operator | Charleston 25 |
| OFF. OFF. | O8/18/2025 |
| 16.333311 E.S. | West Virginia |

*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 CHARLESTON

May 24, 1958

C O P Y

United Fuel Gas Company P. O. Box 1273 Charleston 25, West Virginia

Att: Mr. Bernard Moon

Gentlemen:

Please find enclosed permits for drilling the following wells:

| Permit No. | Well No. | Fara | District |
|---|------------------------------|---|------------------------------|
| MIN-578 WAY-1092 WAY-1093 WAY-1094 | 8614 8660 8661 8662 | Mingo Oil & Gas Co. #4 United Fuel Gas Co. Fee U. F. G. Co. Min. Tr. #1 U. F. G. Co. Min. Tr. #1 | Harvey Lincoln Lincoln |

Please post one copy of each permit at the well

Very truly yours,

Assistant Director OIL AND GAS DIVISION

MG/dm encl:

site.

cc Mr. Ivan T. Menson, Inspector

Mr. G. H. Samples, Inspector at Large



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

CHARLESTON

BERL AND LESS

United Pusi Cam Company P. O. Cox 1879

Charleston 25, west Virginia

Acti Mr. Mernerd Hoon

enemolisq#0

Place find enclosed permits for drilling thi

following wells:

Formit No. Well No. Fare Ningo Oil & One No. Ja Harvey

ALM-970 Doing Rimago Dil 6 UGB NO. 54 Manusia ARY-1092 Doing Co. Co. Fine Cr. 51 Lincoin WAY-1092 Dob U. F. C. Co. Min. Tr. 51 Lincoin WAY-1092 Dob U. F. C. Co. Min. Tr. 61 Lincoin

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Very truly yours,

Assistant Director Oll ARD DAS SIVESTEE

> mb\UA *form

ed Mr. Iven F. Henson, Inspector

Ar. U. W. Sampiws, Inspector at Large

| Brown Stale State Tytal Depth Total City Organ Street Tytal Depth Tytal City Organ Street Tytal Depth Tytal City Organ Street Tytal Depth | Formation | Color | Hard or Soft | Тор | Bottom | Oil, Gas or Water | Depth Found | Remarks |
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| | Permit No. "2 | X-1003 | | | Same area de la pareciona del pareciona de la | | 260 or 689 | Gas |

Date June 29 , 19 59

APPROVED UNITED FUEL GAS COMPANY , Owner

Supt., Civil Engineering Dept.



STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

Quadrangle Naugatuck

WELL RECORD

| Permit No. WAY-1093 | RECORD | Oil or | Gas Well Gas |
|--|-----------------------------|-----------------|----------------------------|
| Company United Fuel Gas Co. Address P.O. Box 1273; Charleston 25, W. Va. Farm United Fuel Gas Co.Min.Tr.#Acres 13,232. | Casing and Used in Drilling | Left in Well | Packers |
| Location (waters) Horse Creek Well No. 8661 Elev. 809.44' | Size | | Hookwall Kind of Packer |
| District Lincoln County Wayne | 13_3/8 | 12' | $3\frac{1}{2}$ " x 7" x16" |
| The surface of tract is owned in fee byAddress | 10_3/4 | 207 | Size of |
| Mineral rights are owned by United Fuel Gas Co. Address Charleston, W.Va. | 7 65% | 1200 | Depth set1324' |
| Drilling commenced 2-11-59 Drilling completed 4- 9-59 | 3 1/2 | 2026 | Perf. top Perf. bottom |
| Date Shot 4-15-59 From 1937 To 2813 With 8,600# DuPont Gelatin | Liners Used | | Perf. top Perf. bottom |
| Open Flow 7 /10ths Water in 2 Inch /10ths Merc. in Inch | CASING CEMENTED | SIZE | No. Ft. Date |
| Volume 112,000 - Berea Cu. Ft. Rock Pressure 355 lbs. 48 hrs. | | 2/12 | 36 |
| Oilbbls., 1st 24 hrs. | | CHES | FEET 36 INCHES |
| WELL FRACTURED | FEETIN | CHES | FEETINCHES |

RESULT AFTER TREATMENT_

Fresh Water_

Light Shale Brown Shale

Light Shale

ROCK PRESSURE AFTER TREATMENT_

| Formation | Color | Hard or Soft | Тор | Bottom | Oil, Gas or Water | Depth | Remarks |
|-------------|-------|-----------------|-----|--------|----------------------|--------------|----------------|
| Surface | | | 0 | 8 | Water 145' | | |
| Slate | | | 8 | 18 | | | |
| Sand | | | 18 | 130 | Gas 462-467 | | |
| Slate & She | lls | | 130 | 142 | | | |
| Coal | | | 142 | 145 | Gas 1937-191 | 2' 6/10 W 1' | 25 M |
| Slate & She | lls | | 145 | 475 | | | |
| Sand | | | 475 | 500 | Test before | shot 3/10 W | 1" 18 M |
| Slate | | | 500 | 525 | | | DuPont Gelatin |
| Broken Sand | | | 525 | 620 | from 1937- | 2813' | |

Salt Water

Test 1 hour after shot 81/10 W 2"379 M Test 19 hours after shot 7/10 W 2" 112 M Salt Sand 620 810 Slate 810 820 855 Broken Sand 820 Slate 855 905 Sand 905 975 975 1080 Slate 1086 Red Rock 1080 1086 Shut in 4-17-59 in $3\frac{1}{2}$ " tubing. 1135 Slate & Shells Red Rock 1135 1140 1163 1140 Slate & Shells Little Lime 1163 1186 Big Lime 1186 1370 Injun Sand 1370 1535 Slate & Shells 1535 JUL 1959 08/ 8/2023 1917 Coffee Shale 1917 1937 Berea Grit 1937 2035 Slate 2035 2050 2050 Brown Shale 2120

(over)

2300

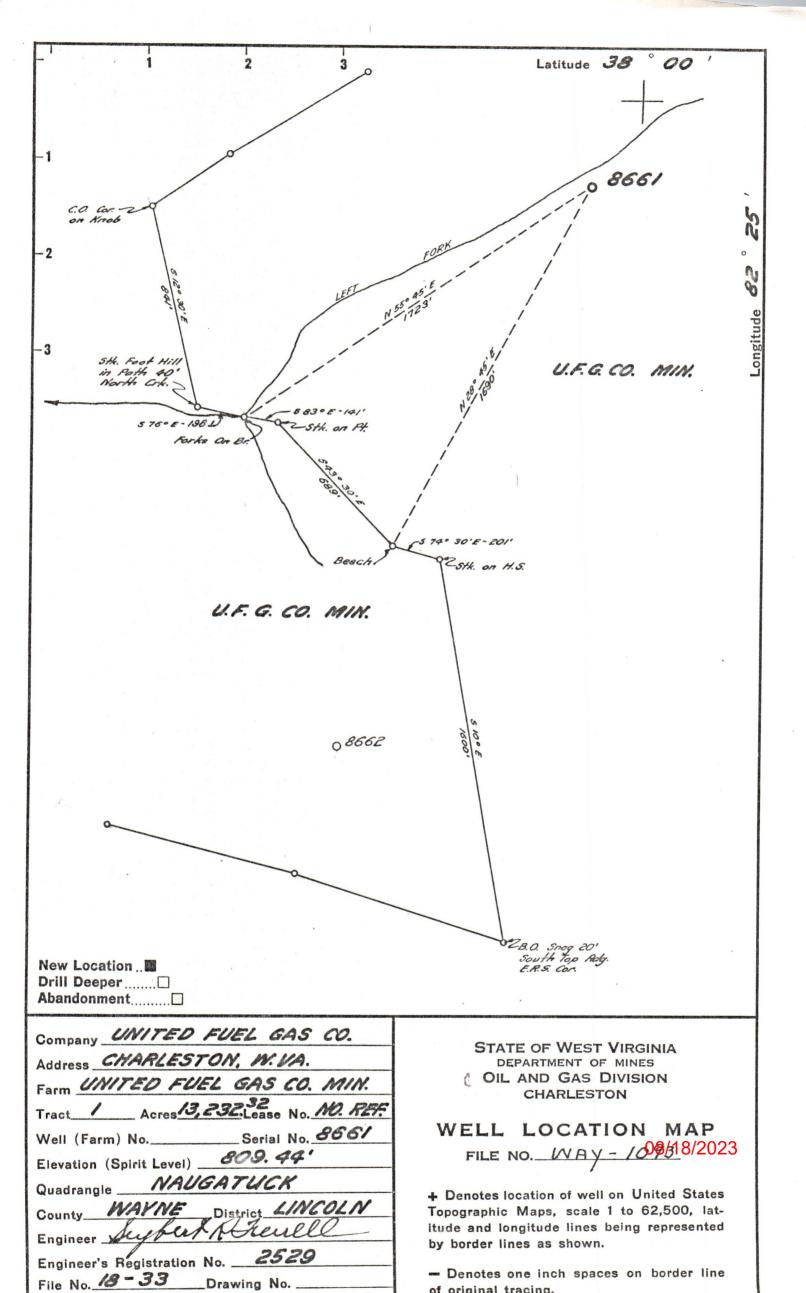
2404

2590

2120

2300

2404



of original tracing.

K-E 156 IMPERIAL

Date 4-23-58

__Drawing No.

Scale.

1"= 400'