

- New Location...
- Drill Deeper.....
- Abandonment.....

MAR 22 1954

Company UNITED FUEL GAS CO.
Address CHARLESTON, W. VA.
Farm UNITED FUEL GAS CO. MIN.
Tract 7 Acres 8,600⁵⁶ Lease No. NO REF.
Well (Farm) No. _____ Serial No. 5963
Elevation (Spirit Level) 1034. B
Quadrangle MIDKIFF
County LINCOLN District LAUREL HILL
Engineer Sybert R. Ferrell
Engineer's Registration No. 2529
File No. 32-45 Drawing No. _____
Date 3-9-54 Scale 1"=400'

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

WELL LOCATION MAP
FILE NO. LIN-1098-A

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1379

Quadrangle Midkiff

WELL RECORD

Permit No. 1098-A

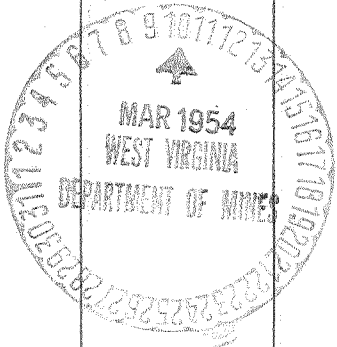
Oil or Gas Well Gas
(KIND)

Company UNITED FUEL GAS COMPANY
Address P.O. Box 1273, Charleston 25, W. Va.
Farm U.F.G. Co. Min. Tr. #7 Acres 8,600.56
Location (waters) Nine Mile Creek
Well No. 5963 Elev. 1034
District Laurel Hill County Lincoln
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by United Fuel Gas Co.
Address Charleston, W.Va.
Drilling commenced 2-19-16 & 6-12-22
Drilling completed 3-21-16 & 7-27-22
Date Shot See remarks From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 1,850,696 & 265,000 Cu. Ft.
Rock Pressure 560 & 190 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 | | | <u>Anchor</u> |
| 10 | | | Size of _____ |
| 8 1/4 | | <u>27'</u> | <u>3"x6-5/8"x16"</u> |
| 6 5/8 | | <u>1569'</u> | Depth set _____ |
| 5 3/16 | | | <u>2059'</u> |
| 3 | | <u>2450'</u> | 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 |
|---------------|-------|--------------|----------|----------|---|-------------|-----------|
| Gravel Mud | | | 5 | 390 | Gas from Big Injun & Berea Grit between 2325 and 2339' | | |
| Slate | | | 390 | 420 | | | |
| Sand | | | 420 | 470 | | | |
| Slate | | | 470 | 480 | | | |
| Sand & Shells | | | 480 | 555 | | | 1,850,696 |
| Slate | | | 555 | 755 | Shot 3-18-16 with 80 qts - Injun/ Shot 7-18-22 with 40 qts. - Berea 265,000 | | |
| Sand | | | 775 | 885 | | | |
| Salt Sand | | | 885 | | | | |
| Slate Break | | | 1090 | 1190 | | | |
| Sand | | | 1190 | 1322 | | | |
| Slate | | | 1322 | 1370 | | | |
| Sand | | | 1370 | 1425 | | | |
| Lime | | | 1425 | 1430 | | | |
| Red Rock | | | 1430 | 1438 | | | |
| Slate | | | 1438 | 1445 | | | |
| Lime | | | 1445 | 1470 | | | |
| Slate | | | 1470 | 1530 | | | |
| Little Lime | | | 1530 | 1560 | | | |
| Pencil Cave | | | 1560 | 1565 | | | |
| Big Lime | | | 1565 | 1755 | | | |
| Slate | | | 1735 | 1770 | | | |
| Red Rock | | | 1770 | 1785 | | | |
| Slate | | | 1785 | 1786 | | | |
| Injun | | | 1786 | 1815 1/2 | | | |
| Black Slate | | | 1815 1/2 | 1858 | | | |
| Berea Sand | | | 2325 | 2339 | | | |
| Total depth | | | 2439' | | | | |



| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-----------|-------|--------------|-----|--------|-------------------|-------------|---------|
| | | | | | | | |

Date March 9, 19 54

APPROVED UNITED FUEL GAS COMPANY, Owner

By S.R. Herrell
(Title)

Manager Civil Engineering Department