

| | |
|-----------------------------|------------------------------------|
| Company | UNITED FUEL GAS CO. |
| Address | CHARLESTON, W. VA. |
| Farm | UNITED FUEL GAS CO. MIN. |
| Tract | 7 Acres 11,945.68 Lease No. 2468.9 |
| Well (Farm) No. | Serial No. 2105 |
| Elevation (Spirit Level) | 708.00' |
| Quadrangle | MIDKIFF |
| County | LINCOLN District SHERIDAN |
| Engineer | Sybert R. Howell |
| Engineer's Registration No. | 2529 |
| File No. | 30-49 Drawing No. |
| Date | 4-18-61 Scale 1" = 400' |

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

WELL LOCATION MAP
FILE NO. LIN-1281-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.



Completed Aug 25-61
1560

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Midkiff

Permit No. 1281A

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Company
Address Charleston, West Virginia
Farm U.F.G. Co. Min. Tract #7 Acres 11,945.68
Location (waters) Low Gap Branch
Well No. 2105 Elev. 708.0
District Sheridan County Lincoln
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by United Fuel Gas Company
Address Charleston, W. Va.
Drilling commenced October 20, 1909
Drilling completed November 12, 1909
Date Shot Nov. 13, 1909 From _____ To _____
With 60 Qts.
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 3,000,000 Cu. Ft.
Rock Pressure 470 lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

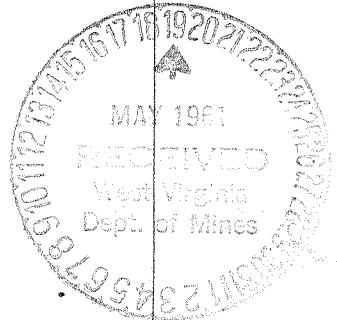
| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|-----------------|
| Size | | | Kind of Packer |
| 16 | | | |
| 13 | | | |
| 10 | | | Size of |
| 8 1/4 | | | |
| 6 3/4 | | 1147' | Depth set 1211' |
| 5 3/16 | | | |
| 3 | | | Perf. top |
| 2 | | 1418' | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 133 FEET 48" INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT _____
ROCK PRESSURE AFTER TREATMENT _____
Fresh Water _____ Feet Salt Water _____ Feet

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth | Remarks |
|------------------|-------|--------------|------|--------|-------------------|-------|---|
| Coal | | | 133 | 137 | | | Show of Oil 552' Hole full of water 660'. Show of Oil 1220' Gas Pay 1381'-1395'. |
| Gas sand | | | 437 | 474 | | | |
| Salt Sand | | | 537 | 963 | | | |
| Little Lime | | | 1105 | 1115 | | | |
| Pencil Cave 1115 | | | 1115 | 1122 | | | |
| Big Line | | | 1122 | 1348 | | | |
| Big Injun Sand | | | 1376 | 1402 | | | |
| Total Depth | | | | 1402 | | | |

APR 6 1962



| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|---|-------|--------------|-----|--------|-------------------|-------------|---------|
| <div style="position: absolute; left: 50px; top: 50%; transform: translateY(-50%); font-family: cursive; font-size: 2em; opacity: 0.5;"> Cam 8-20-61 </div> | | | | | | | |

Date May 18, 1961

APPROVED United Fuel Gas Company, Owner

By *S.R. Fenelly*
(Title)