

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

MAY 29 1956

Company UNIDED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm SHADY ESTEP
 Tract _____ Acres 70 Lease No. 20822
 Well (Farm) No. _____ Serial No. 3906
 Elevation (Spirit Level) 990.0'
 Quadrangle MADISON
 County LINCOLN District JEFFERSON
 Engineer Seibert R. Howell
 Engineer's Registration No. 2529
 File No. 42-45 Drawing No. _____
 Date 4-25-56 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. LIN-1229-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

1506

Quadrangle Madison

WELL RECORD

Permit No. 10774

Oil or Gas Well Gas
(KIND)

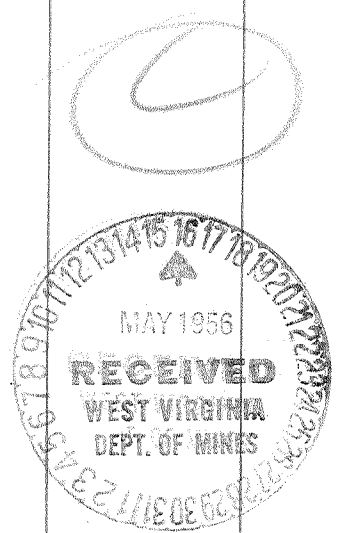
Company UNITED FUEL GAS COMPANY
Address P.O. Box 1273, Charleston 25, W. Va.
Farm Shady Estep Acres 70
Location (waters) Flat Creek
Well No. 3906 Elev. 990'
District Jefferson County Lincoln
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Henry Bell, Agent, et al
Address Madison, W. Va.

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|--------------------|
| Size | | | Kind of Packer |
| 16 | | | <u>Anchor</u> |
| 13 | | | Size of |
| 10 | | | <u>3x5-3/16x16</u> |
| 8 3/4 | | <u>547'</u> | Depth set |
| 6 3/4 | | <u>1703'</u> | <u>2240'</u> |
| 5 3/16 | | | Perf. top |
| 3 | | <u>2393'</u> | Perf. bottom |
| 2 | | | Perf. top |
| Liners Used | | | Perf. bottom |

Drilling commenced 9-26-29
Drilling completed 11-30-29
Date Shot 11-22-29 From _____ To _____
With 30 qts.
Open Flow 8 /10ths Water in 3 Inch
/10ths Merc. in _____ Inch
Volume 302,400 Cu. Ft.
Rock Pressure 345 lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 240-244 feet _____ feet
Salt water 820 feet 930' feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 140 FEET 36 INCHES
240 FEET 48 INCHES 502 FEET 72 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-----------------|-------|--------------|------|--------|-------------------|-------------|--|
| Surface | | | 0 | 15 | | | |
| Sand | | | 15 | 30 | | | |
| Slate | | | 30 | 100 | | | |
| Sand | | | 100 | 125 | | | |
| Slate | | | 125 | 140 | | | |
| Coal | | | 140 | 143 | | | |
| Slate | | | 143 | 150 | | | |
| Sand | | | 150 | 240 | | | |
| Coal | | | 240 | 244 | | | |
| Slate | | | 244 | 260 | | | |
| Sand | | | 260 | 400 | | | |
| Black Lime | | | 400 | 502 | | | |
| Coal | | | 502 | 508 | | | |
| Slate | | | 508 | 600 | | | |
| Lime | | | 600 | 665 | | | |
| Gas Sand | | | 665 | 875 | | | |
| Slate Break | | | 795 | 815 | | | |
| Salt Sand (1st) | | | 875 | 1215 | | | |
| Black Lime | | | 1215 | 1370 | | | |
| Sand (Salt 2nd) | | | 1370 | 1510 | | | |
| Slate | | | 1510 | 1520 | | | |
| Red Rock | | | 1520 | 1530 | | | |
| Lime | | | 1530 | 1634 | | | |
| Little Lime | | | 1634 | 1668 | | | |
| Pencil Cave | | | 1668 | 1672 | | | |
| Big Lime | | | 1672 | 1870 | | | |
| Big Injun | | | 1870 | 1908 | | | Show of gas 1720-1725 Show of gas 1900' |
| Slate | | | 1908 | 1928 | | | |
| Weir Shells | | | 1928 | 2072 | | | Hole reduced at 2058' |
| Slate | | | 2072 | 2230 | | | |
| Lime | | | 2230 | 2255 | | | |
| Slate & Shells | | | 2255 | 2300 | | | |
| Lime Shells | | | 2300 | 2315 | | | |
| Slate & Shells | | | 2315 | 2332 | | | |
| Br. Shale | | | 2332 | 2355 | | | |
| Berea Grit | | | 2355 | 2384 | | | Gas 2356-2359, 2359-2362, 2362-2366, |



(Over)

OCT 26 1956

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-------------|-------|--------------|-------|--------|-------------------|-------------|---------|
| Line | | | 2384 | 2394 | | | |
| Slate | | | 2394 | 2402 | | | |
| Line | | | 2402 | 2405 | | | |
| Total depth | | | 2405' | | | | |

Date May 15, 19 56

APPROVED UNITED FUEL GAS COMPANY, Owner

By *A.R. Herrell*
(Title)

Supt. Civil Engineering Department