



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

| | |
|--|---------------------------------|
| Company <u>GEORGE W. MOSES</u> | |
| Address <u>SALEM, W. VA.</u> | |
| Farm <u>JOSEPH FREEMAN</u> | |
| Tract _____ | Acres <u>95</u> Lease No. _____ |
| Well (Farm) No. <u>3</u> | Serial No. <u>1</u> |
| Elevation (Spirit Level) <u>820' VA.</u> | |
| Quadrangle <u>WEST UNION (SE4²)</u> | |
| County <u>DODDRIDGE</u> District <u>WEST UNION</u> | |
| Engineer <u>J. D. JEFFRIES</u> | |
| Engineer's Registration No. <u>1089</u> | |
| File No. <u>199/70</u> | Drawing No. _____ |
| Date <u>6-29-60</u> | Scale <u>1" = 500'</u> |

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

WELL LOCATION MAP
FILE NO. DOD-480

+ 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 8

Quadrangle West Union

WELL RECORD

Permit No. Dod-480

Oil or Gas Well Gas
(KIND)

Company George W. Moses
Address Drawer 351, Salem, W. Va.
Farm Joseph Freeman Acres 95
Location (waters) _____
Well No. One Elev. 820
District West Union County Doddridge
The surface of tract is owned in fee by Howard Maxwell
Address West Union, W. Va.
Mineral rights are owned by Howard Maxwell
Address West Union, W. Va.
Drilling commenced October 18, 1960
Drilling completed 11/20/60
Date Shot From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 40,000 cfd before Fracture Cu. Ft.
Rock Pressure 120 lbs. 24 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water Hole Full 25 feet
Salt water _____ feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|----------------|
| Size | | | |
| 16 | | | Kind of Packer |
| 13 | | | |
| 10 | | | Size of |
| 8 1/4 | <u>275</u> | | |
| 6 5/8 | <u>990</u> | | Depth set |
| 5 3/16 | <u>1778</u> | <u>1778</u> | |
| 3 | | | Perf. top |
| 2 | | | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

CASING CEMENTED 5-1/2 SIZE 250 No. Ft. 11/10/60 Date
1 1/4 sks. Cement - 5 sks. Aquagel - Garaton Service
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 |
|-----------|-------|--------------|------|--------|-------------------|-------------|---------|
| Top Soil | | | 0 | 10 | | | |
| Sand | | | 10 | 25 | | | |
| Slate | | | 25 | 100 | | | |
| Red Rock | | | 100 | 129 | | | |
| Slate | | | 129 | 200 | | | |
| Red Rock | | | 200 | 215 | | | |
| Slate | | | 215 | 240 | | | |
| Sand | | | 240 | 275 | | | |
| Slate | | | 275 | 380 | | | |
| lime | | | 380 | 395 | | | |
| Slate | | | 395 | 500 | | | |
| Red Rock | | | 500 | 515 | | | |
| Slate | | | 515 | 530 | | | |
| Red Rock | | | 530 | 550 | | | |
| Slate | | | 550 | 710 | | | |
| Red Rock | | | 710 | 755 | | | |
| Slate | | | 755 | 1050 | | | |
| Sand | | | 1050 | 1110 | | | |
| Slate | | | 1110 | 1150 | | | |
| Sand | | | 1150 | 1210 | | | |
| Slate | | | 1210 | 1410 | | | |
| L, me | | | 1410 | 1440 | | | |
| Slate | | | 1440 | 1585 | | | |
| Sand | | | 1585 | 1600 | | | |

| Formation | Color | Hard or Soft | Top δ | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|---|-------|--------------|--------------|--------|-------------------|-------------|---------|
| Slate | | | 1600 | 1620 | | | |
| Sand | | | 1620 | 1640 | | | |
| Slate | | | 1640 | 1665 | | | |
| Big Lime | | | 1665 | 1750 | | | |
| Injun Sand | | | 1750 | 1835 | Gas | 1819-1830 | |
| Total Depth | | | 1835 | | | | |
| Well Fractured with 500 Bbls Water, 25000# Sand. | | | | | | | |
| After Fracture Well tested 14 10/ths Water through 5-1/2" (1,003,000) | | | | | | | |
| Rock pressure 120# 24 hours. | | | | | | | |

Date _____, 19____

APPROVED _____, Owner

By _____ (Title)