



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

| | |
|-----------------------------|-----------------------------------|
| Company | GABRIEL WEISS |
| Address | PHILADELPHIA, PA. |
| Farm | J. E. WALDO |
| Tract | Acres 38 1/4 Lease No. |
| Well (Farm) No. | 2 Serial No. 1 |
| Elevation (Spirit Level) | 855' VA. |
| Quadrangle | WEST UNION SW 4 ¹ - SC |
| County | DODDRIDGE District CENTRAL |
| Engineer | JAMES D. JEFFRIES |
| Engineer's Registration No. | 1084 |
| File No. | 198/60 Drawing No. |
| Date | 12-11-59 Scale 1" = 300' |

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

WELL LOCATION MAP

FILE NO. DOD-292

+ 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.

RDM*



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle West Union SW 4/4

Permit No. DOD-292

WELL RECORD

Oil or Gas Well Oil & Gas
(KIND)

Company Gabriel Weiss
Address Philadelphia, Penna.
Farm J. E. Waldo Acres 38 1/4
Location (waters) Leason Run
Well No. 1 Elev. 855'
District Central County Doddridge
The surface of tract is owned in fee by M. E. Waldo
& Edna Waldo Nutter Address Greenwood, W. Va.
Mineral rights are owned by Same
Address Same
Drilling commenced Dec. 23, 1959
Drilling completed Jan. 20, 1960
Date Shot From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume Before Frac. 80 M cu. ft. Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 2 1/2 bbls., 1st 24 hrs.
WELL ACIDIZED 2000 Gal.

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|---------------------------|
| Size | | | Kind of Packer |
| 16 | | | |
| 13 | | | |
| 10 | 63' | 63' | Size of |
| 8 1/4 | 547' | | |
| 6 3/4 | 1224' | | Depth set |
| 5 3/16 | 1970' | 1970' | |
| 3 | | | Perf. top <u>1945'</u> to |
| 2 | 1980' | 1980' | Perf. bottom <u>1950'</u> |
| Liners Used | | | Perf. top _____ |
| | | | Perf. bottom _____ |

CASING CEMENTED 5 1/2" SIZE 250' No. Ft. 1/24/60 Date
20 lbs. Hi-Early Cement - 6 lbs. aquagel
COAL WAS ENCOUNTERED AT None FEET Drilled INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

WELL FRACTURED 500 bbl. water and approximately 1 1/2 pounds of sand per gallon.

RESULT AFTER TREATMENT Seven barrels in twenty-four hours - 150 M cu. ft. of gas
ROCK PRESSURE AFTER TREATMENT 250 pounds - 28 hours
Fresh Water 50' Feet Salt Water none Feet

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth | Remarks |
|-------------|-------|--------------|------|--------|-------------------|-------|-----------|
| Soil | | | 0 | 25 | | | |
| Sand | | | 25 | 32 | | | |
| Red Rock | | | 32 | 45 | | | |
| S & Shells | | | 45 | 55 | Water | 50' | Hole Full |
| Red Rock | | | 55 | 70 | | | |
| S & Shells | | | 70 | 180 | | | |
| Red Rock | | | 180 | 210 | | | |
| S & Shells | | | 210 | 235 | | | |
| Red Rock | | | 235 | 255 | | | |
| Lime | | | 255 | 270 | | | |
| Red Rock | | | 270 | 275 | | | |
| S & Shells | | | 275 | 295 | | | |
| Red Rock | | | 295 | 325 | | | |
| S & Shells | | | 325 | 420 | | | |
| Red Rock | | | 420 | 475 | | | |
| S & Shells | | | 475 | 537 | | | |
| Red Rock | | | 537 | 585 | | | |
| S & Shells | | | 585 | 615 | | | |
| Lime | | | 615 | 630 | | | |
| Red Rock | | | 630 | 645 | | | |
| S & Shells | | | 645 | 755 | | | |
| Red Rock | | | 755 | 780 | | | |
| S & Shells | | | 780 | 820 | | | |
| Red Rock | | | 820 | 855 | | | |
| S & Shells | | | 855 | 915 | | | |
| Black Slate | | | 915 | 935 | | | |
| S & Shells | | | 935 | 975 | | | |
| L. Dunkard | | | 975 | 1010 | | | |
| Black Slate | | | 1010 | 1030 | | | |



| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-------------|-------|--------------|------|--------|-------------------|-------------|---------|
| White Slate | | | 1030 | 1100 | | | |
| Big Dunkard | | | 1100 | 1165 | | | |
| S. & Shells | | | 1165 | 1395 | | | |
| Broken Sand | | | 1395 | 1490 | | | |
| Black Slate | | | 1490 | 1510 | | | |
| Sand | | | 1510 | 1530 | | | |
| Black Slate | | | 1530 | 1575 | | | |
| Sand | | | 1575 | 1595 | | | |
| Black Slate | | | 1595 | 1605 | | | |
| Sand | | | 1605 | 1665 | | | |
| Black Slate | | | 1665 | 1750 | | | |
| Marion Sand | | | 1750 | 1810 | | | |
| Slate | | | 1810 | 1820 | | | |
| L. Lime | | | 1820 | 1845 | | | |
| Pencil Cave | | | 1845 | 1850 | | | |
| Big Lime | | | 1850 | 1948 | | | |
| Big Injun | | | 1948 | 1985 | Gas Oil | 1950-1961 | |
| Slate | | | 1985 | | | 1953-1965 | |
| Total Depth | | | 1992 | | | | |

5 1/2" casing set through sand and jet perforated from 1952'-1960' by Dowell

Palmer Hill, Pennsboro, W. Va., Contractor.

Date April 20, 1960

APPROVED Gabriel Weiss, Owner

By [Signature]
(Title)