

Surface: Madge Williams  
Route #1  
West Union, West Virginia

Coal: No Commercial Coal

Minimum Error of Closure 1' in 200'

Source of Elevation H. B. Williams Well #3 Abd., Elev. 1014.91' ground.

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

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: A.C. Hillbert

Map No. N16 Squares: N S14-15 E W14-15

|                             |                                     |             |           |
|-----------------------------|-------------------------------------|-------------|-----------|
| Company                     | PENNZOIL COMPANY                    |             |           |
| Address                     | P. O. BOX 1588, PARKERSBURG, W. VA. |             |           |
| Farm                        | H. B. Williams                      |             |           |
| Tract                       | Acres                               | Lease No.   |           |
|                             | 307                                 | 80748       |           |
| Well (Farm) No.             | Serial No.                          |             |           |
| 5                           |                                     |             |           |
| Elevation (Spirit Level)    | 953.54' ground                      |             |           |
| Quadrangle                  | Holbrook NC                         |             |           |
| County                      | Doddridge                           | District    | Central   |
| Engineer                    | A.C. Hillbert                       |             |           |
| Engineer's Registration No. | 2534                                |             |           |
| File No.                    | 914                                 | Drawing No. |           |
| Date                        | March 18, 1966                      | Scale       | 1" = 800' |

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

**WELL LOCATION MAP**

FILE NO. DOD-1360  
61

+ 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

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle HOLBROOK  
Permit No. DOD-1360

WELL RECORD

Oil or Gas Well Dry  
(KIND)

Company PENNZOIL COMPANY  
Address P. O. Box 1588, Parkersburg, W. Va.  
Farm H. B. Williams Acres 307  
Location (waters) \_\_\_\_\_  
Well No. 5 Elev. 953.54'  
District Central County Doddridge  
The surface of tract is owned in fee by Madge Williams  
Route #1 Address West Union, W. Va.  
Mineral rights are owned by Annie W. Delp  
Shambo Route Address Havre, Montana  
Drilling commenced March 30, 1966  
Drilling completed April 7, 1966  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ 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                |                  |              | Size of _____        |
| 10 <u>8-5/8"</u>  | <u>334'</u>      |              | Depth set _____      |
| 8 1/4             |                  |              | Perf. top _____      |
| 6 3/4             |                  |              | Perf. bottom _____   |
| 5 3/16            |                  |              | Perf. top _____      |
| 3                 |                  |              | Perf. bottom _____   |
| 2                 |                  |              |                      |
| Liners Used       |                  |              |                      |

CASING CEMENTED 8-5/8" SIZE 334' No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

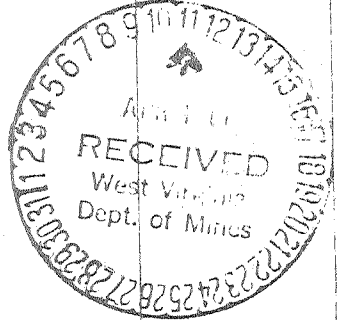
RESULT AFTER TREATMENT \_\_\_\_\_

DRY HOLE

ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_

Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

| Formation       | Color | Hard or Soft | Top   | Bottom | Oil, Gas or Water | Depth | Remarks |
|-----------------|-------|--------------|-------|--------|-------------------|-------|---------|
| Silts & Shale   |       |              | 0     | 125    |                   |       |         |
| and             |       |              | 125   | 210    |                   |       |         |
| Silts & Shale   |       |              | 210   | 245    |                   |       |         |
| and             |       |              | 245   | 268    |                   |       |         |
| Silts           |       |              | 268   | 320    |                   |       |         |
| Silts & Sand    |       |              | 320   | 550    |                   |       |         |
| Shale           |       |              | 550   | 690    |                   |       |         |
| and             |       |              | 690   | 720    |                   |       |         |
| Silts & Shale   |       |              | 720   | 1190   |                   |       |         |
| Shale           |       |              | 1190  | 1220   |                   |       |         |
| and-Big Dunkard |       |              | 1220  | 1240   |                   |       |         |
| Shale           |       |              | 1240  | 1485   |                   |       |         |
| and, Salt       |       |              | 1485  | 1535   |                   |       |         |
| Silty Sand-Salt |       |              | 1535- | 1560   |                   |       |         |
| Shale           |       |              | 1560  | 1580   |                   |       |         |
| Silty Sand-Salt |       |              | 1580  | 1720   |                   |       |         |
| Shale           |       |              | 1720  | 1800   |                   |       |         |
| Silts & Sand-   |       |              |       |        |                   |       |         |
| Maxton          |       |              | 1800  | 1880   |                   |       |         |
| Shale           |       |              | 1880  | 1918   |                   |       |         |
| Little Lime     |       |              | 1918  | 1950   |                   |       |         |
| Shale & Lime    |       |              | 1950  | 1966   |                   |       |         |
| Big Lime        |       |              | 1966  | 2026   |                   |       |         |
| Big Injun       |       |              | 2026  | 2090   |                   |       |         |
| Silty Shale     |       |              | 2090  | 2213   |                   |       |         |
| Total Depth     |       |              |       | 2213'  |                   |       |         |



Oil 2060-90 Show