



New Location   
 Drill Deeper   
 Abandonment   
 3/31/76

Minimum Error of Closure 1:2000  
 Source of Elevation Rd. intersection 1011.0'  
 "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."

Company W.V. DEPT. OF MINES - OIL & GAS DIV.  
 Address 1613 Washington St. E. Ches. W.V. 25311  
 Farm J.L. Shanks - surf.  
 Tract \_\_\_\_\_ Acres 7.32 Ac Release No. \_\_\_\_\_  
 Well (Farm) No. 4 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 990.0', 905.26m  
 Quadrangle Mannington 7 1/2' & 15' SC  
 County Marion District Mannington  
 Engineer Robert L. Dodd (Signature)  
 Engineer's Registration No. 6459  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Feb. 9, 1976 Scale 1" = 200', 1m = 200m

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

WELL LOCATION MAP  
 FILE NO. MAR-973-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.

47-049

70164

Mannington District, Marion County, W. Va.

By Hartman Oil Co.

Near Mannington.

10" casing, 303'; 8 $\frac{1}{2}$ ", 1060'; 6-5/8", 1512'; 5-3/16", 1963'.

	Top.	Bottom.
Pittsburgh Coal		487
Dunkard Sand	998	1033
Salt Sand	1390	1528
Big Injun Sand	1780	1952
Gantz Sand	2412	2437
30-Ft. Sand	2440	2482
Gordon Sand	2710	2720