



NOTE: The accuracy of this survey is within the limits prescribed by the O. & G. Div. of Dept. of Mines. (1 to 200)

NOTE: Elevation from U.S.G.S. BM

CERTIFICATE

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.

W. Barney R.P.E. No. 2024
9 WC (G-16)

SURVEY, APRIL 30, 1963 - W.S.G. - N.B. No. 90 Pg. 29

Company COMMONWEALTH GAS CORPORATION	
Address P.O. Box 1433 CHARLESTON, 25, W. VA.	
Farm CHRISTIAN D. ALT -	
Tract _____	Acres 221
Lease No. 2268	
Well (Farm) No. 1	Serial No. 717
Elevation (Spirit Level) 827.04'	
Quadrangle MOOREFIELD-S.W.	
County HARDY	District SOUTH FORK
Engineer <i>W. Barney</i>	
Engineer's Registration No. 2024	
File No. _____	Drawing No. _____
Date MAY 2, 1963. Scale 1" = 660'	

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

WELL LOCATION MAP
FILE NO. **HARDY-7**

+ 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.

Samples 25-1291 T.D.

1-0 0

Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Moorefield S. W.

WELL RECORD

Permit No. Hardy 7

Oil or Gas Well Dry
(KIND)

Company COMMONWEALTH GAS CORPORATION
Address P.O. Box 1433, Charleston 25, W.Va.
Farm Christian Alt Acres 221
Location (waters) South Branch Potomac River
Well No. 717 Elev. 827.04
District South Fork County Hardy
The surface of tract is owned in fee by Christitan D. Alt
Address Moorefield, W. Va.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	22'	22'	
10	281'	281'	Size of
8 1/4	1052'	1052'	
6 1/2			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Mineral rights are owned by Same
Address _____

Drilling commenced May 15, 1963
Drilling completed June 21, 1963

Date Shot _____ From _____ To _____

With _____

Open Flow /10ths Water in _____ Inch

/10ths Merc. in _____ Inch

Volume Dry Hole Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED _____

WELL FRACTURED _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

10 sacks cement behind the 8" casing

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	25			
Black Shale			25	1050	Water	110	Hole full
Oriskany Sand			1050	1141			
Water Sand			1141	1190	Water	1141-1159	3 gal. 12 hr
Sand-Lime Mixed			1190	1287			
Chert Lime			1287	1291			
		TOTAL DEPTH		1291			
				485			
					1050	1287	
					827		
					223		

