

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

Company CARNEGIE NATURAL GAS CO.

Address 1015 FRICK BLDG. PITTSBURGH 15th

Farm UNITED STATES STEEL CORPORATION

Tract 212 Acres 799.52 Lease No. 17459

Well (Farm) No. 29 Serial No. 1716

Elevation (Spirit Level) 1167.27'

Quadrangle MATEWAN EC

County MINGO District MAGNOLIA

Engineer J. D. [Signature]

Engineer's Registration No. 1850

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date MAY 26, 1958 Scale 1"=400'

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

**WELL LOCATION MAP**  
FILE NO. MIN-586

+ 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.

66 167 Deep Well



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 5

Quadrangle Matewan

Permit No. MIN-586

WELL RECORD

Oil or Gas Well DRY  
(KIND)

Company Carnegie Natural Gas Company  
Address 1015 Frick Building, Pittsburgh, Pa.  
Farm United States Steel Corp. Tract No. 212 Acres 799.52  
Location (waters) \_\_\_\_\_  
Well No. 29-1716 Elev. 1167.27'  
District Magnolia County Mingo  
The surface of tract is owned in fee by U. S. Steel Corp.  
525 Wm. Penn Place Address Pittsburgh, Pa.  
Mineral rights are owned by U. S. Steel Corp.  
525 Wm. Penn Place Address Pittsburgh, Pa.  
Drilling commenced September 20, 1958  
Drilling completed December 18, 1958  
Date Shot 12/30/58 From 4382 To 5163  
With 4,266-2/3# and 7,533-1/3# H.V. Gelatin  
Open Flow 8 /10ths Water in 1 Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 29,800 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			
18 1/4"	25'	none	
10 -3/4"	437'	437'	Size of
8 1/2 5/8"	1787'	1787'	
6 5/8 7"	2558'	2558'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

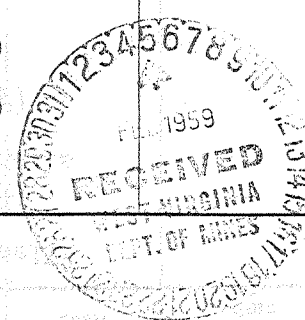
CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT		FEET	INCHES
		FEET	INCHES
		FEET	INCHES

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

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

Fresh Water 35 Feet Salt Water 1276', 1664-72' Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Gravel			0	25			
Slate			25	163	Water	35'	Hole full.
Sand			163	219			
Slate			219	265			
Sand (broken)			265	325			
Slate			325	385			
Sand			385	405			
Slate			405	420			
Sand			420	490			
Lime (gritty)			490	525			
Sand			525	575			
Slate			575	600			
Sand			600	856			
Lime (gritty)			856	885			
Sand			885	927			
Lime (gritty)			927	958			
Slate and Shells			958	1050			
Sand			1050	1387	Gas	1068-76'	Show
Slate			1387	1397	Water	1276'	1/3 bailer per hour.
Sand			1397	1495			
Slate			1495	1500			
Sand			1500	1548			
Slate and Shells			1548	1618			
Sand			1618	1676	Water	1664-72'	1 bailer per hr.
Lime (gritty)			1676	1701			
Slate			1701	1714			
Lime (gritty)			1714	1830			
Sand			1830	1886			
Lime			1886	1935			
Red Rock			1935	1990			



(over)

Formation	Color	Hard or Soft	Top 5'	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate and Shells			1990	2050			
Red Rock			2050	2058			
Lime (gritty)			2058	2155			
Slate and Shells			2155	2209			
Maxton Sand			2209	2267			
Lime (gritty)			2267	2296			
Sand			2296	2345			
Lime			2345	2382			
Sand			2382	2396			
Slate			2396	2430			
Lime			2430	2778			
Sand			2778	2818			
Lime (gritty)			2818	2840			
Lime	Red		2840	2863			
Lime (gritty)			2863	3030			
Slate and Shells			3030	3347			
Brown Shale			3347	3389			
Berea Sand			3389	3405			
Slate and Shells			3405	4560			
Shale	Black		4560	4653			
Slate and Shells			4653	4986			
Shale	Black		4986	5150			
Lime			5150				
Total Depth				5163			

5150  
1167  

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3983

Date December 29, 19 58

APPROVED CARNEGIE NATURAL GAS COMPANY, Owner

By Jill Lawrence  
(Title) Div. Supt.