

Company CARNEGIE NATURAL GAS  
 Address 1015 FRICK BLDG. PITTSBURGH 19, PA.  
 Farm UNITED STATES STEEL CORP.  
 Tract 62 F Acres 264.27 Lease No. 17459  
 Well (Farm) No. 43 Serial No. 1738  
 Elevation (Spirit Level) 1211.59'  
 Quadrangle GILBERT *WC*  
 County MINGO District STAFFORD  
 Engineer *[Signature]*  
 Engineer's Registration No. 1850  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date MAY 20, 1960 Scale 1" = 400'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO. MIN-671

+ 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.

271 Deep well



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 7

Quadrangle Gilbert

Permit No. MIN-671

**WELL RECORD**

Oil or Gas Well DRY  
(KIND)

Company Carnegie Natural Gas Company  
Address 1015 Frick Building, Pittsburgh, Pa.  
Farm U. S. Steel Corporation Tract No. 62F Acres. 254.27  
Location (waters) \_\_\_\_\_  
Well No. 43-1738 Elev. 1211.59'  
District Stafford 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 May 31, 1960  
Drilling completed October 15, 1960  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume 29,800 Cu. Ft.  
Rock Pressure 360 lbs. 36 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 1/4"	34'	pulled	
10-3/4"	300'	300'	Size of
8 5/8"	1659'	pulled	
6 5/8"	2587'	2587'	Depth set
5 3/16"			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

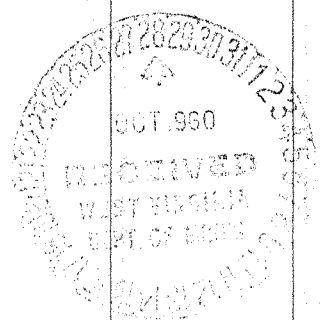
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water 89' Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	33			
Slate			33	60			
Lime (gritty)			60	80			
Sand			80	105	Water	89'	Hole full.
Slate			105	108			
Sand			108	127			
Slate			127	135			
Lime (gritty)			135	150			
Slate			150	167			
Lime (gritty)			167	224			
Sand			224	252			
Slate			252	289			
Lime (gritty)			289	300			
Slate			300	307			
Lime (gritty)			307	335			
Sand			335	400			
Lime (gritty)			400	443			
Slate			443	445			
Sand			445	501			
Lime (gritty)			501	525			
Slate			525	535			
Lime (sandy)			535	554			
Sand			554	730			
Slate			730	745			
Lime (gritty)			745	758			
Sand			758	785			
Slate			785	840			
Sand			840	905			
Slate			905	924			
Sand			924	1295			



Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime (gritty)			1295	1302			
Slate and Shells			1302	1337			
Sand			1337	1620			
Slate			1620	1631			
Lime (gritty)			1631	1641			
Red Rock			1641	1656			
Lime (gritty)			1656	1667			
Red Rock			1667	1678			
Lime (gritty)			1678	1700			
Slate			1700	1710			
Red Rock			1710	1720			
Lime (gritty)			1720	1820			
Slate			1820	1833			
Red Rock			1833	1836			
Lime (gritty)			1836	1849			
Red Rock			1849	1851			
Lime			1851	1865			
Sand			1865	1896			
Slate			1896	1904			
Lime			1904	1927			
Red Rock			1927	1964			
Lime			1964	1994			
Red Rock			1994	1999			
Sand			1999	2015			
Red Rock			2015	2025			
Sand			2025	2063			
Slate and Shells			2063	2080			
Lime (gritty)			2080	2124			
Sand			2124	2162			
Slate			2162	2165			
Sand			2165	2268			
Lime			2268	2278			
Slate			2278	2283			
Red Rock			2283	2288			
Sand			2288	2300			
Slate			2300	2306			
Lime			2306	2360			
Red Rock			2360	2365			
Lime			2365	2384			
Slate			2384	2396			
Lime			2396	2452			
Slate			2452	2456			
Big Lime			2456	2804	Gas	2614-15'	Show
Sand (Red Injun			2804	2914	Gas	2635-38'	Show
Slate and Shells			2914	2925	Gas	2763-64'	Show
Lime (gritty)			2925	3060	Gas	2769-71'	Show
Slate and Shells			3060	3395	Gas	2775-80'	29,800 cu.ft.
Shale			3395	3404			
Slate			3404	3412			
Sand (Berea)			3412	3435			
Lime (gritty)			3435	3439			
Slate and Shells			3439	3528			
Lime (gritty)			3528	3638			
Slate and Shells			3638	4420			
Brown Shale			4420	4426			
Lime (gritty)			4426	4599			
Shale			4599	4610			
Slate and Shells			4610	4650			
Brown Shale			4650	4802			
Lime Shells			4802	4859			
Slate and Shells			4859	5120			
Brown Shale			5120	5143			
Slate and Shells			5143	5190			
Brown Shale			5190	5367			
Lime <i>Onondaga</i>			5367	5488			
Slate			5488				
Total Depth				5498			

Date October 25, 1960

APPROVED CARNEGIE NATURAL GAS COMPANY, Owner

By J. L. Sweeney  
(Title) Div. Supt.