



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Mannington N. W.

WELL RECORD

Oil or Gas Well Gas

Permit No. Wet-4 Frac.

Company Carnegie Natural Gas Company
Address 3904 Main St. Munhall Pa. 15121
Farm Peter Kiger Acres 120
Location (waters) _____
Well No. IE-49 Elev. 1108'
District Clay County Wetzel
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			Size of
10			
8 1/4	1325'	745'	Depth set
6 3/4	2020'	2020'	
5 3/16			
3 1/2	2277'	2277'	Perf. top 2133'
2			Perf. bottom 2223'
Liners Used			Perf. top
			Perf. bottom

~~Drilling~~ commenced Cleaning Out November 1, 1966
~~Drilling~~ completed C.O. & Fractured June 29, 1967
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 June 29, 1967

CASING CEMENTED 4 1/2" SIZE 2277' No. Ft. 616/67 Date _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 280,000 cubic feet
ROCK PRESSURE AFTER TREATMENT 195# in 12 hrs

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Mapleton Coal			720	725			
Pgh. Coal			835	843			
Big Dunkard			1315	1405			
Gas Sand			1470	1525			
1st Salt Sand			1580				
2nd Salt Sand				1860			
Big Lime			2015	2085		2015	
Big Injun			2085	2315		1100	
50ft. Sand			2630	2690		915	
30ft. Sand			2790	2835			
Gordon Stray			2865	2885			
Gordon Sand			2908	2932			
4th Sand			2955	2983			
5th Sand			3020	3035			
Filled Back to				2950			
Plugged To				2277			
Run 2277' of <u>4 1/2"</u> casing and cemented with 50 bags of cement							
Total Depth				2277'			



(over)