





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

Quadrangle Kingwood 7 SW

WELL RECORD

Permit No. Pres-65

Oil or Gas Well Gas  
(KIND)

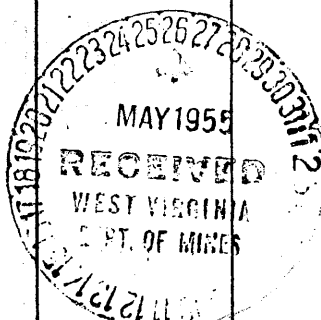
Company Columbian Carbon Company  
Address Box 873, Charleston 23, W. Va.  
Farm Lawrence Burger, et al Acres 311  
Location (waters) Little Youghiogheny River  
Well No. 1 - GW-1207 Elev. 2542.72' G  
District Union County Preston  
The surface of tract is owned in fee by Lawrence Burger, et al  
Route #2 Address Oakland, Md.  
Mineral rights are owned by Lawrence Burger, et al  
(For further addresses contact C.C.C.)  
Address \_\_\_\_\_  
Drilling commenced 11-16-54  
Drilling completed 5-3-55  
Date Shot not shot From \_\_\_\_\_ To \_\_\_\_\_  
With see reverse side for fracturing record  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
100 /10ths Merc. in 2 \_\_\_\_\_ Inch  
Volume 1,555,000 \_\_\_\_\_ Cu. Ft.  
Rock Pressure 1150 \_\_\_\_\_ lbs. 72 \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 62' 230' \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			none
18 3/8"	32'	32'	Size of
10 3/4"	20 1/2'	193' 6"	Depth set
8 1/2" 24#	532' 3"	257' 1"	Perf. top
6 5/8" 7" 23#	4922' 5"	4922' 5"	Perf. bottom
5 3/16"			Perf. top
3"			Perf. bottom
2 3/8" 4.6#	5063'	5063'	Perf. top
Liners Used	with 2" case		Perf. bottom
5 1/2" 17#	240' 1"	240' 1"	

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
see reverse side

COAL WAS ENCOUNTERED AT none FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			0	20			
Broken Sand			20	40			
Broken Lime			40	80	F. water	62'	hole full
Slate & Shells			80	2671	F. water	230'	hole full
Lime			2671	3107			
Slate & Shells			3107	3265			
Shale			3265	3397			
Lime			3397	3425			
Slate & Shells			3425	3523			
Lime			3523	3859	Gas	3859'	show
Shale			3859	4392			
Lime			4392	4409			
Shale			4409	4804			
Lime			4804	4826' DLM			
				4859' SH			
Chert	4832' DLM	4865' SH	4826' DLM	4935'			
			4859' SH	4935'			
Lime			4935'	4963'			
Black Shale Break			4963'	4981'			
Oriskany Sand			4981'	5040'			
			TOTAL DEPTH	5040'			
					Gas Pays:		
					H 4975'	89/10 H. 2"	1,457 MCF
					4981-5031'	26/10 H. 2"	1,524 MCF
					5031-5036'	107/10 H. 2"	1,609 MCF
					5037'	115/10 H. 2"	1,668 MCF
					5038-5040'	122/10 H. 2"	1,718 MCF



Formation	Color	Hard or Soft	Top $\zeta$	Bottom	Oil, Gas or Water	Depth Found	Remarks
CASING RECORD							
11-18-54							Ran 13-3/8" drive pipe at 32'DLM
11-22-54							Ran 10-3/4" casing at 204'DLM with packer - not aquagelled.
11-25-54							Ran 8-5/8" casing at 532'DLM with packer - not aquagelled.
2-20-55							7" casing ran at 4832'DLM-4865'SLM. Ran 50 sacks of Aquagel - Circulation and returns. Cemented with 35 sacks cement. Pumped plug to 50' of bottom.
3-3-55							7" casing collapsed at 4845'.
4-5-55							Cemented 5 1/2" liner from 4988' in Sand up to 4747' in 7" - used 60 sacks cement.
4-12-55							Ran Gamma Ray and perforated 5 1/2" liner in Chert section from 4940' to 4866'. ✓
4-13-55							Ran 750 gallons MCA to clean hole. Gas increased from show to 286 MCF. ✓
4-14-55							Set Baker RT 8 Retrievable Packer at 4803' in 5 1/2" liner. Ran 35 bbls. oil at 1890-2150#. Pumped in 1600 gallons of gelled kerosene and 3000# sand at 1700# to 2800#. Displaced with 65 bbls. of oil - 2800# to 2400#. Pulled tubing and drilled ahead.
5-5-55							Tried to treat Oriskany by setting RT 8 packer at 4965'. Circulated around liner and into 5 1/2" at perforations. Set packer at 5025' in Sand. Still circulated out of perforations in 5".
5-6-55							Set RT 8 Baker Packer at 4809' above perforations. Pumped in 40 bbls. oil at 3100#. Pumped in 1600 gallons gelled kerosene and 4000# sand at 3300#. Flushed with 65 bbls. oil. Pressure 2500# when quit pumping.

Date May 25, 1955

APPROVED Columbian Carbon Company, Owner