



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 4

Quadrangle Centerpoint

Permit No. DOD-185

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Shirl Underwood
Address Star Rt., West Union, West Virginia
Farm Benton Sweeney Acres 152.25
Location (waters) Ralph's Run
Well No. 1 Elev. 987'
District McClellan County Doddridge
The surface of tract is owned in fee by Benton Sweeney
Address West Union
Mineral rights are owned by _____
Address _____
Drilling commenced December 13, 1960
Drilling completed January 29, 1961
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
12 /10ths Merc. in 2" Inch
Volume 539,000 Cu. Ft.
Rock Pressure 650 # lbs. 24 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED Dowell Sand Fractured 2/16/61

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>270'</u>	<u>none</u>	Size of
8 3/4	<u>1278'</u>	<u>none</u>	
6 3/4	<u>---</u>	<u>---</u>	Depth set
5 3/16	<u>2036'</u>	<u>2036'</u>	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 5-3/16 SIZE 250' by Dowell No. Ft. _____ Date _____
Filled Hole Red Clay & Stone back to 2118'
COAL WAS ENCOUNTERED AT 728 FEET _____ INCHES
1 FEET _____ INCHES FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 12/10k Mercury in 2-inch

ROCK PRESSURE AFTER TREATMENT 650 lbs. 24 hrs.

Fresh Water none Feet _____ Salt Water none Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	40			
Lime			40	50			
Red Rock			50	60			
Blue Stone			60	125			
Red Rock			125	213			
Blue Stone			213	265			
Lime & Shells			265	275			
Blue Stone			275	290			Set 10" Casing
Red Rock			290	300			
Gray Slate			300	328			
Red Rock			328	340			
Gray Slate			340	348			
Red Rock			348	370			
Slate & Lime			370	428			
Red Rock			428	440			
Lime			440	470			
Gray Slate			470	485			
Lime & Shells			485	530			
Red Rock			530	542			
Lime			542	645			
Red Rock			645	650			
Lime			650	718			
Slate Dark			718	728			
Pittsburgh Coal			728	729			
Lime			729	755			
Gray Slate			755	790			
Lime			790	832			
Slate			832	838			
Lime			838	851			
Red Rock			851	872			

(over)

Formation	Color	Hard or Soft	Top 4	Bottom	Oil, Gas or Water	Depth Found	Remarks
Gray Slate			872	923			
Red Rock			923	930			
Lime			930	946			
Red Rock			946	950			
Lime			950	970			
Red Rock			970	1012			
Lime & Slate			1012	1073			
Red Rock			1073	1085			
Slate			1085	1100			
Red Rock			1100	1120			
Lime			1120	1150			
Lime L. D.			1150	1189			
Sand			1189	1200			
Lime			1200	1244			
Slate			1244	1278			Set 8" Casing
Sand B. D.			1278	1298			
Gray Slate			1298	1320			
Dark Lime			1320	1350			
Gray Slate			1350	1430			
Dark Lime			1430	1460			
Gray Slate			1460	1501			
Sand			1501	1525			
Dark Slate			1525	1547			
Lime			1547	1578			
1st Salt Sand			1578	1615			
Dark Slate			1615	1640			
Lime Grit			1640	1680			
2nd. Salt Sand			1680	1700			
Dark Slate			1700	1776			
3rd. Salt Sand			1776	1800			
Slate			1800	1858			
Black Lime			1858	1870			
Maxon Sand			1870	1898			
Lime			1898	1915			
Sand			1915	1933			
Slate			1933	1945			
Red Rock			1945	1980			
Slate			1980	2000			
Little Lime			2000	2020			
Blue Monday			2020	2070			Set 5 1/2" Casing at 2036'
Lime			2070	2125			
Top of Sand			2125	2256			Gas Pay from 2130' to 2142'
Gas, Pay 11/10 in 1"			2130	2142			
Slate			2256	2263			
Total Depth			2263'				

Date _____, 19____

APPROVED _____, Owner

By _____ (Title)