



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

Quadrangle Center Point

Permit No. DOD-908

WELL RECORD

Oil or Gas Well Gas

Company Shirl Underwood
Address Star Route, West Union, W. Va.
Farm Benton Sweeney Acres 152.25
Location (waters) Ralph's Run
Well No. 2 Elev. 917
District McClellan County Doddridge
The surface of tract is owned in fee by Lillie M. Sweeney
Address Mannington, W. Va.
Mineral rights are owned by Lillie M. Sweeney
Address Mannington, W. Va.
Drilling commenced 1/5/63
Drilling completed 6/30/63
Date Shot From _____ To _____
With _____
Open Flow 93 10ths Water in 1 Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	17	None	
13			Size of
10	281	None	
8 1/2	1048	None	Depth set
6 3/4	1088	None	
5 3/16			Perf. top <u>2074</u>
4 1/2	2127	2127	Perf. bottom <u>2080</u>
2			Perf. top <u>2086</u>
Liners Used			Perf. bottom <u>2090</u>

CASING CEMENTED 4 1/2 SIZE No. Ft. 7/2/63 Date
35 sks. cement - GARATON

COAL WAS ENCOUNTERED AT None FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

WELL FRACTURED Dowell RF 7/10/63

100 MCF

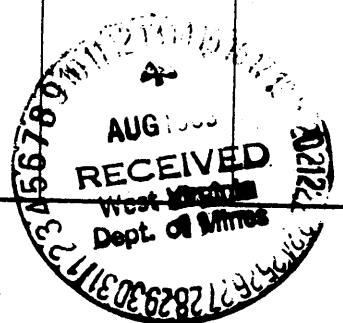
RESULT AFTER TREATMENT No improvement

ROCK PRESSURE AFTER TREATMENT 90 lbs.

Fresh Water None Feet _____ Salt Water None Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	18			
Blue Stone			18	30			
Red Rock			30	53			
Lime			53	70			
Red Rock			70	76			
Blue Stone			76	82			
Red Rock			82	88			
Lime			88	110			
Red Rock			110	130			
Slate			130	147			
Lime			147	158			
Slate & Shells			158	172			
Red Rock			172	181			
Slate & Shells			181	185			
Red Rock			185	190			
Lime			190	196			
Slate & Shells			196	200			
Red Rock			200	233			
Slate & Shells			233	243			
Red Rock			243	250			
Slate & Shells			250	265			
Sand			265	290			
Slate			290	292			
Lime			292	302			
Red Rock			302	311			
Slate & Shells			311	340			
Lime Gritty			340	360			
Slate & Shells			360	390			
Lime			390	410			
Red Rock			410	431			

Water 1 bailer per hour



(over)

Formation	Color	Hard or Soft	Top /	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			410	431			
Lime			431	436			
Red Rock			436	444			
Lime			444	515			
Slate & Shells			515	520			
Red Rock			520	525			
Lime			525	561			
Slate & Shells			561	565			
Lime			565	575			
Slate & Shells			575	580			
Lime			580	604			
Slate & Shells			604	615			
Lime			615	637			
Slate & Shells			637	677			
Sand			677	718			
Slate & Shells			718	723			
Lime			723	738			
Red Rock			738	764			
Slate & Shells			764	770			
Red Rock			770	775			
Sand			775	793			
Lime			793	801			
Slate & Shells			801	808			
Red Rock			808	816			
Lime			816	821			
Red Rock			821	832			
Lime			832	851			
Red Rock			851	895			
Slate & Shells			895	960			
Red Rock			960	969			
Slate & Shells			969	975			
Lime			975	1004			
Sand			1004	1016			
Slate & Shells			1016	1026			
Lime			1026	1031			
Slate & Shells			1031	1039			
Lime			1039	1063			
Slate			1063	1064			
Sand			1064	1084	Gas - 1070; Water 1072		
Slate			1084	1086			
Sand			1086	1095			
Slate			1095	1098			
Lime			1098	1128			
Slate & Shells			1128	1142			
Lime			1142	1156			
Sand			1156	1173			
Lime			1173	1233			
Slate			1233	1253			
Sand			1253	1256			
Sand			1256	1261			
Slate			1261	1270			
Lime			1270	1293			
Slate & Shells			1293	1300			
Lime			1300	1312			
Slate & Shells			1312	1319			
Lime			1319	1326			
Slate & Shells			1326	1344			
Sand			1344	1375			
Slate & Shells			1375	1403			
Sand			1403	1419			
Slate & Shells			1419	1455			
Sand			1455	1500			
Slate & Shells			1500	1535			
Sand			1535	1604			
Slate & Shells			1604	1744			
Sand			1744	1793			

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Date August 12, 1963
APPROVED *Shirley D. ...* Owner
By _____ (Title)

State of West Virginia
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Oil and Gas Division

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Quadrangle
Permit No.

Center Point
DOD-908

Oil or Gas Well: Gas

Shirl Underwood
Star Route, West Union, W. Va.
Benton Sweeney Farm
Ralph's Run
Well No. 2

Slate & Shells	1793	1840
Pink Rock	1840	1865
Slate & Shells	1865	1885
Lime	1885	1915
Pencil Cave	1915	1919
Lime	1919	1931
Lime	1931	2009
Sand	2009	2130
Slate	2130	2133

Show of Gas 2009-2015
Show of Oil 2015-2022
Gas 2062-2073
Show of Oil 2088-2097

