

New Location... TRANSFERRED - WM. MOSES - SALEM, W. VA.
 Drill Deeper.....
 Abandonment..... GW-61 S-1.10°W-1.96' GW-81 S-1.80°W-1.90" GW-283 S-1.33° W-1.94"

Company Columbian Carbon Co.
 Address Box 873 Charleston, W. Va.
 Farm Lewis Maxwell
 Tract _____ Acres 2654.88 Lease No. C-32-A
 Well (Farm) No. 4A-24A-52A Serial No. GW-61-81-283
 Elevation (Spirit Level) See Wells
 Quadrangle Holbrook 1-NE
 County Doddridge District West Union
 Engineer L. D. [Signature]
 Engineer's Registration No. 2074
 File No. _____ Drawing No. _____
 Date Sept. 5, 1952 Scale 1" = 1320'

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

WELL LOCATION MAP
 DOD-938-A-#4-A
 FILE NO. DOD-939-A-#24-A
 * DOD-942-A-#52-A

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

720

WELL RECORD

Permit No. _____

Oil or Gas Well Gas

Company Columbian Carbon Company
Address Box 873, Charleston 23, W. Va.
Farm Lewis Maxwell Acres 265 1/4
Location (waters) Arnolds Creek
Well No. 52-A - GW-283 Elev. 1068'
District West Union County Doddridge
The surface of tract is owned in fee by Lewis Maxwell

Mineral rights are owned by _____
Address _____

Drilling commenced 2-3-28
Drilling completed 3-13-28

Date Shot _____ From _____ To _____

With 100# Dynamite

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch

Volume 94,960 Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water 1217' 900 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size of Conductor	12'	12'	Kind of Packer
16			
13			
10"	307'	pulled	Size of
8 1/4"	1001'8"	pulled	
6 1/2"	1740'3"	1740'3"	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

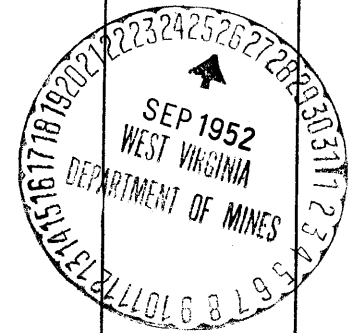
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil & Red Rock			9	15			
Sand Rock			15	50			
Coal			50	52			
Lime Stone			52	90			
Red Rock			90	100			
Lime Rock			100	135			
Red Rock			135	185			
Hurry Up Sand			185	256			
Red Rock			256	275			
Lime Rock			275	332			
Pittsburgh Coal			332	335			
Lime Rock			335	355			
Slate Rock			355	365			
Lime Rock			365	440			
Red Rock			440	455			
Lime Rock			455	505			
Red Rock			505	535			
Lime Rock			535	570			
Red Rock			570	590			
Lime Rock			590	625			
Sand Rock			625	680			
Slate Rock			680	690			
Lime Rock			690	720			
Red Rock			720	740			
Lime Stone			740	780			
Slate Rock			780	800			
Lime Rock			800	840			
Slate Rock			840	880			
Dunkard Sand			880	945			
Slate Rock			945	958			
White Lime			958	980			
Dunkard Sand			980	1080			
Slate Rock			1080	1090			
Gas Sand			1090	1115			
Slate Rock			1115	1130			
White Lime			1130	1160			
Slate Rock			1160	1170			
Lime Rock			1170	1190			
1st Salt Sand			1190	1250	Oil and gas	1207'	show



S. water 900'

Gas 1090-1115'

(Over) JUN 10 1953

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale Rock			1250	1265	Oil and gas S. water	1207'	show
Lime Rock			1265	1296			
Shale Rock			1296	1300			
2nd Salt Sand			1300	1330			
Slate Rock			1330	1355			
3rd Salt Sand			1355	1375			
Slate Rock			1375	1390			
Lime Rock			1390	1420			
Shale Rock			1420	1490			
4th Salt Sand			1490	1530			
Slate Rock			1530	1565			
Lime Rock			1565	1615			
Maxon Sand			1615	1630			
Slate Rock			1630	1640			
Lime Rock			1640	1675			
Slate Stone			1675	1677			
Lime Rock			1677	1685			
Slate Rock			1685	1687			
Blue Monday Sand			1687	1697			
Pencil Cave			1697	1702			
Big Lime			1702	1771			
Injun Sand			1771	1851			
Slate			1851	1870			
Lime			1870	1890			
Squaw Sand			1890	2110			
Slate & Shells			2110	2240			
Lime			2240	2255			
Slate			2255	2265			
Lime			2265	2318			
Thirty Foot Sand			2318	2325			
Slate			2325	2330			
Fifty Foot Sand			2330	2338			
Slate			2338	2350			
Lime			2350	2370			
Slate			2370	2400			
Black Lime			2400	2415			
Gordon Stray Sand			2415	2426			
Slate			2426	2430			
Gordon Sand			2430	2439	Gas	2433-36'	80/10 W. 2" 377
Break of Slate			2439	2443			
Gordon Sand			2443	2448	Oil	2446'	show
Slate			2448	2450			
TOTAL DEPTH			-----	2450'			

Date _____, 19____

APPROVED _____, Owner

By _____

(Title)