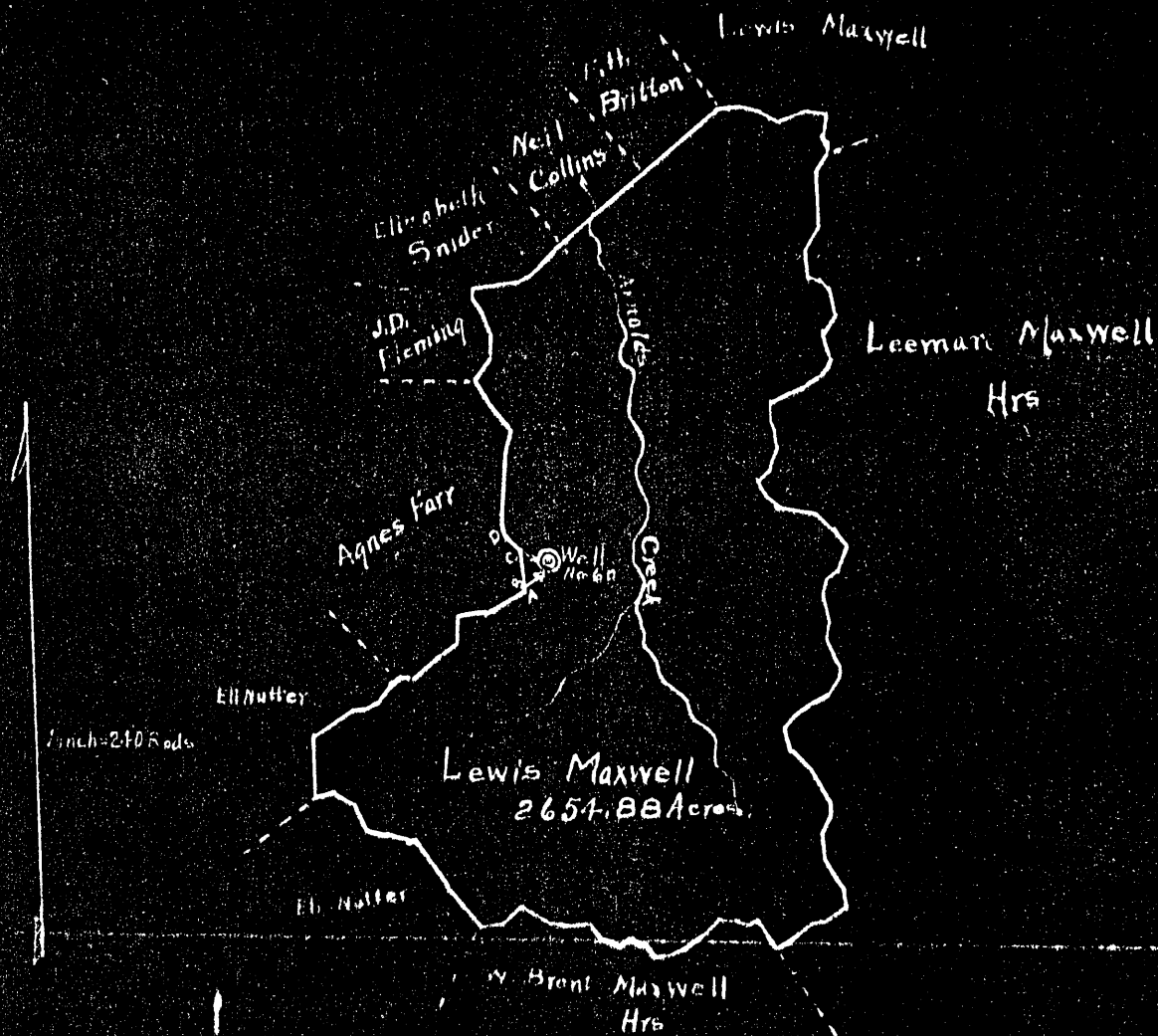
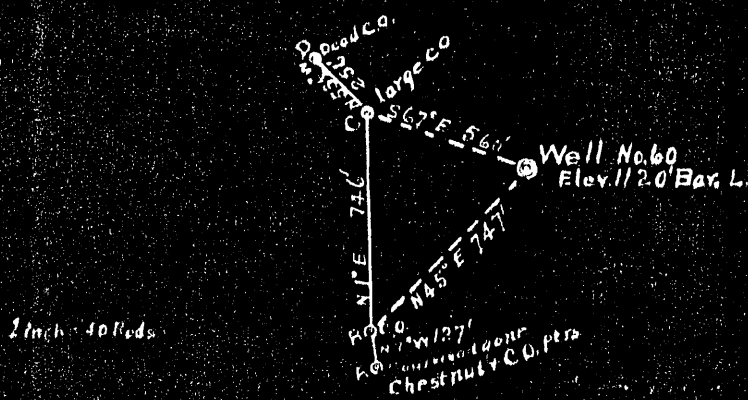


Plat of the proposed location of Well No. 60, of the Columbian Carbon Company, of Charleston, West Virginia, on the Lewis Maxwell Farm, consisting of 2654.88 acres, located in West Union District, Doddridge County.



See plat in detail below.



I, the undersigned, hereby certify that this Map is correct and shows all the information to the best of my knowledge and belief, required by the oil and gas section of the Mining Laws of West Virginia.

C. C. Greenman
Civil Engineer.

Acknowledged before me a Notary Public of Doddridge County, West Virginia, this the 26th day of November, 1930.
My commission expires Jan. 21-1934

Delores Scott
Notary Public.

LATITUDE 39° 15'



LONGITUDE 88° 47' 30"

7'5 OGIS topo location

7.5' loc	<u>0.87 S</u>	15' loc	<u>0.87 S</u>
	<u>0.34 W</u>	(calc.)	<u>2.57 W</u>

Company COLUMBIAN CARBON Co

Farm LEWIS MAXWELL 60
(GW-299)

Quad OXFORD Holbrook 15' ne

County Dodd

District WEST UNION

WELL LOCATION MAP

File No. 017-33

WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Section

PRELIMINARY DATA SHEET NO. 1

Dod 33

GW-299

File No.

Well No. 60

Columbian Carbon Company, of

on the Lewis Maxwell Farm

containing 2654 acres. Location West Union

West Union District, in Doddridge County, West Virginia.

The surface of the above tract is owned in fee by Lewis Maxwell

of West Union, West Va. address, and the mineral rights are owned by

Lewis Maxwell of West Union, W. Va.

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit No. Dod-33 issued by the West Virginia Department of Mines, Oil and Gas Section,

December 12 1930

Elevation of surface at top of well, 1120 Spirit Barometric.

The number of feet of the different sized casings used in the well.

8 feet 15" size. Wood conductor

446 feet 10" size, csg. 1133 feet 8 1/2" sized csg.

1853 feet 6 5/8" size, csg. feet sized csg.

feet size, csg. feet sized csg.

Shoe packer of 6 5/8" size, set at 1842

packer of size, set at

in casing perforated at feet to feet.

in casing perforated at feet to feet.

Coal was encountered at feet; thickness inches, and at

feet; thickness inches; and at feet; thickness inches.

Liners were used as follows: (Give details)

February 1, 1931 Date.

Approved. Columbian Carbon Co, Owner.

By. Sam Searcher (Title)

DOD
877173

2-19-31

Dod-33

Columbian Carbon Company

COMPLETION DATA SHEET

Box 1240 Address

NO. 2

Charleston, West Va.

FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Soil				0	8	8	8	
Rock				8	15	7	15	
Sand				15	40	25		
Rock	Red			40	90	50		
Lime				90	150	50		
Rock	Red			150	240	90		
Lime				240	284	44		
Rock	Red			284	320	36		
Sand				320	400	80		
Rock	Red			400	420	20		
Lime				420	440	20		
Slate	Light			440	450	10		
Lime				450	560	110		
Slate				560	660	100		
Lime				660	684	24		
Sand				684	710	26		
Lime				710	751	41		
Sand				751	786	35		
Slate				786	799	13		
Lime				799	880	81		
Rock	Red			880	920	42		
Sand				920	955	35		
Slate				955	980	25		
Sand				980	1010	30		
Lime				1010	1113	108		
Sand Sand				1113	1560	447		
Lime				1560	1690	130		
Maxon Sand				1690	1710	20		
Lime				1710	1730	20		
Sand				1730	1757	27		
Lime				1757	1810	53		
Slate				1810	1815	5		
Sand				1815	1828	13		
Pencil Cave				1828	1833	5		
Big Lime				1833	1907	74		
Big Injun Sand			gas	1907	1987	80		194
Lime				1987	2300	313		
Slate				2300	2335	35		
Lime				2335	2490	155		
Slate				2490	2543	53		
Gordon Stray Sand				2543	2555	12		
Slate				2555	2570	15		
Gordon Sand			gas	2570	2575	5		2570
Slate				2575	2600	25		
							2600	

Well was shot at 1941 feet; well was shot at 2570 feet.