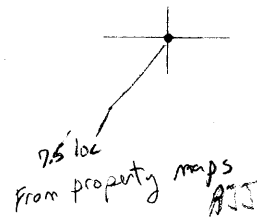


LATITUDE

39° 40'

80° 2' 30"

LONGITUDE



T'5 OGIS topo location

7.5' loc 0.57 S 15' loc 0.57 S  
0.60 W (calc.) 21.72 W

Company \_\_\_\_\_

Farm \_\_\_\_\_

Quad Osage<sup>7.5'</sup> (Black's to EC)

County Monongalia

District Cass

WELL LOCATION MAP

File No. 061-8

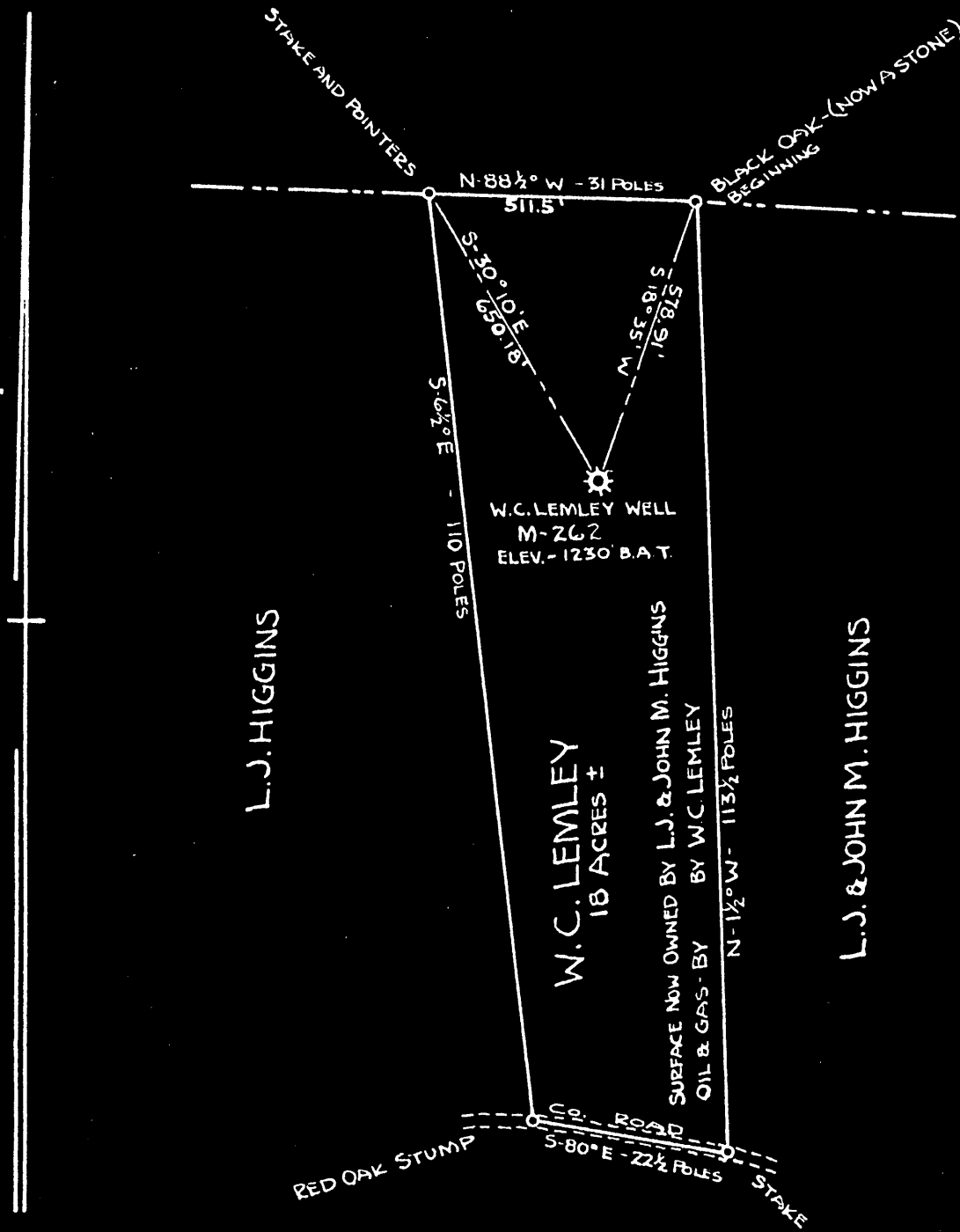
CLOP

orig. 6-6  
deepening 6-6

(068)

PLAN OF THE LOCATION OF WELL NO. 262 TO BE DRILLED IN THE DISTRICT OF THE  
 M.W.P.P.S. CO. FAIRMONT W. VA. IN THE  
 W.C. LEMLEY DISTRICT, COURSE 18  
 SITUATED IN CASS DISTRICT, MONONGALIA

WILLIAM R. HIGGINS HRS.



L.S. BIRCHER HRS.

ENGINEER'S CERTIFICATE

I, the undersigned, hereby certify that I have examined all the information to the best of my knowledge and belief received by me, all oil and gas section of the State of West Virginia.

W. A. H. Kelley  
ENGINEER

acknowledged before me a Notary Public in and for  
Marion County W. Va. this 12th day of October 1929.

C. C. Straight

My Commission Expires Oct 19, 1936

*Mon-8-6*

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS SECTION

PRELIMINARY DATA SHEET NO. 1

File No. \_\_\_\_\_

Well No. 262

Monongahela West Penn  
Public Service

Company, of Fairmont

West Virginia

on the W. C. Lemley

Farm

containing 18 acres.

Location Waters of Scotts Run

Cass

District, in Monongalia

County, W. Va.

The surface of the above tract is owned in fee by Wm. R. Higgins Heirs, John M. Higgins Administrator of Route #7, Morgantown, W. Va. address, and the mineral rights are owned by Consolidation Coal Co., Fairmont, W. Va. (Pitts. Co.) Dragon Coal Co., Cleveland, Ohio (Sewickley) Wm. R. Higgins Heirs, Morgantown, W. Va. (All O

The oil and gas privileges are held under lease by the above named company, and this well is drilled <sup>deeper</sup> under permit No. \_\_\_\_\_ issued by the West Virginia Department of Mines, Oil and Gas Section,

October 26, 1929.

Elevation of surface at top of well, 1230 <sup>spirit</sup> Barometric.

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

<u>10</u>	feet	<u>13"</u>	size.	Wood conductor.
<u>472</u>	feet	<u>10"</u>	(pulled) size, csg.	<u>1952</u> feet <u>5-3/16"</u> sized csg.
<u>1457</u>	feet	<u>8 1/2"</u>	(pulled) size, csg.	<u>2351</u> feet <u>2"</u> sized tubing
<u>1714</u>	feet	<u>6-5/8"</u>	size, csg.	feet _____ sized csg.

Anchor packer of 6-5/8 x 5-3/16" size, set at 1795 Ft.

" packer of 5-3/16 x 2" size, set at 2310 "

5-3/16" in. casing perforated at 1862 feet to 1882 feet.

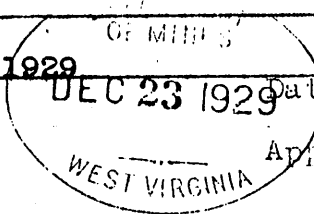
2" in. tubing perforated at 2310 feet to 2351 feet 1/4" hole

Coal was encountered at 75 feet; thickness 96 inches, and at 358 feet; thickness 72 inches; and at 441 feet; thickness 96 inches.

Liners were used as follows: (Give details) \_\_\_\_\_

December 20, 1929

DEC 23 1929 Date.



Approved \_\_\_\_\_

Monongahela West Penn Public Service Company  
Fairmont, West Va.

By Guthrie

Owner.

MANAGER GAS DEPARTMENT

By \_\_\_\_\_

(Title)

This well was originally drilled to the Big Injun Sand in 1911. It was drilled to the Gantz/on drilling permit cited above.

*File 210  
C.M.S.*

COMPLETION DATA SHEET NO. 2

FORMATION RECORD

NAME	COLOR	CHARACTER	OIL, GAS OR WATER	TOP	BOTTOM	THICKNESS	TOTAL DEPTH	REMARKS
Conductor				0	10			
Bluff Sand				10	75	65		
Mt. Morris Coal				75	83	8		
Sewickley Sand Stone				318	358	40		
Mapletown Coal				358	364	6		
Pitts. Coal				441	449	8		
Connellsville Sand Stone				537	570	33		
Big Dunkard Sand				1036	1090	54		
Stray Sand (Upper Freeport)				1123	1141	18		
First Gas Sand				1155	1183	28		
Second " "				1188	1217	29		
First Salt Sand				1250	1292	42		
Second " "		Broken		1324	1431	107		
Sharon Sand			1 bailer of water per hr. at 1500'	1457	1517	60		
Little Lime				1670	1685	15		
Pencil Cave				1685	1702	17		
Big Lime				1702	1776	74		
Big Injun			1st gas pay 1860' 2nd gas pay 1886'	1776	1914	138		Break of 10' at 1788'
				TOTAL DEPTH 1947'				
This well was originally drilled to a total depth of 1947' with production in the Big Injun Sand. Well was drilled to the Gantz Sand on drilling permit issued October 26, 1929.								
DRILLING DEEPER RECORD								
Started drilling deeper at 1940'								
Slate				1940	1952	12		
Squaw Sand				1952	2070	118		
Slate & Shells				2070	2180	110		
Limy Sand				2180	2300	120		
Gantz Sand			Gas Pay 2326'	2300	2351	51		
				TOTAL DEPTH 2351'				
				1947	(404) new ftg.			

Well was not shot at \_\_\_\_\_ feet; well was shot at \_\_\_\_\_ feet.

Salt \_\_\_\_\_ salt  
Fresh water at \_\_\_\_\_ feet; fresh water at \_\_\_\_\_ feet.

Well was \_\_\_\_\_ producing hole.  
dry

December 20, 1929  
Date

Approved

Monongahela West Penn Public Service Company  
Fairmont, West Va.

*Gustave*  
Owner  
MANAGER GAS DEPARTMENT

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names for which strata that may be common to the district.

# MONONGAHELA WEST PENN PUBLIC SERVICE CO.

GAS DEPT

Map No. \_\_\_\_\_

## WELL RECORD

Well No. 262

Well #1 Drilled on W. C. Lemley Farm of 18 Acres situate in  
Cass Dist. of ~~Rock~~ Monongalia County—State W. Va. Lease No. 1040

RIG	WELL
Commenced _____	Location Made _____
Completed _____	Commenced Drilling <u>July 7, 1911</u>
Contractor _____	Completed " <u>October 12, 1911</u>
Work Order No. _____	Contractor _____
	Drillers _____

ROCK FORMATION	TOP	BOTTOM	REMARKS	PRESSURE AND VOLUME
Conductor		10'		1 Minute <span style="float: right;">Lbs.</span>
Mapletown Coal	358'	364		2 " "
Pittsburgh Coal	441	449		3 " "
Little Dunkard				4 " "
Gas Sand				5 " "
1st Salt Sand	1250	1292		10 " "
2nd Salt Sand	1324	1431	Broken	15 " "
Maxton Sand				30 " "
Little Lime	1670	1685		1 Hour "
Pencil Cave	1685	1702		24 " "
Big Lime	1702	1776		Rock "
* Big Injun	1776	1914	1st Pay-1860	Size of Tubing <u>2</u> Inch
Berea			2nd " -1886	Size of Casing "
Gantz Sand	Break	of 10' at	12' in the	Vol. by Water
50 ft. Sand	Big Injun	Sand.		" " Mercury
30 Ft. Sand				" " Pressure
Gordon Stray				Open Flow <span style="float: right;">MCF</span>
Gordon Sand				CONNECTED TO MAIN LINE
4th Sand				
5th Sand				Length of Line <span style="float: right;">Feet</span>
Bayard Sand				Size of Line <span style="float: right;">Inch</span>
Eizabeth				DISCONNECTED FROM LINE
Speechley				
Bradford				Notified Lessor
				Abandoned
* Producing Sand				Repacked
				With <span style="float: right;">Feet</span> <span style="float: right;">Tubing</span>

Total Depth 1947 Feet at \$ \_\_\_\_\_ per Foot \$ \_\_\_\_\_

### CASING RECORD

	SIZE	CHARGED		PUT IN WELL		PULLED		LEFT IN WELL		TRANSFERRED		LEFT AT WELL	
		Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches
Casing	10"			472		472	(23 joints)						
"	8 1/2"			1457		1457	(73 joints)						
"	6-5/8"			1714				1714	(89 joints)				
Tubing	2"			1852				1852					

Casing Cemented in Well No by \_\_\_\_\_ Company Employee

Elevation 1230 B.A.T.

MON-8

PACKER

WELL SHOT

KIND	SIZE	FEET SET AT	DATE	BY	QUARTS	DEPTH	DATE
Hookwall	6-5/8" x 2"						

HISTORY OF WELL

Complete Record of Well.

Formation	Top	Bottom	Remarks
Conductor	0	10	
Bluff Sand	10	75	
Mt. Morris Coal	75	83	
Sewickley Sandstone	318	358	
Mapletown Coal	358	364	
Pittsburg Coal	441	449	
Big Clark Sand (Connellsville)	537	570	
Big Dunkard Sand	1036	1090	
Stray Sand (Upper Freeport)	1123	1141	
1st Gas Sand	1155	1183	
2nd " "	1188	1217	
1st Salt Sand	1250	1292	
2nd " "	1324	1431	Broken
Sand (Sharon)	1457	1517	1 Bailer of Water per hour at 1500'
Little Lime	1670	1685	
Pencil Cave	1685	1702	
Big Lime	1702	1776	
Big Injun	1776	1914	Break of 10 ft. at 1778'
1st Gas Pay	- 1860		
2nd " "	- 1886		
Total depth	1947'		