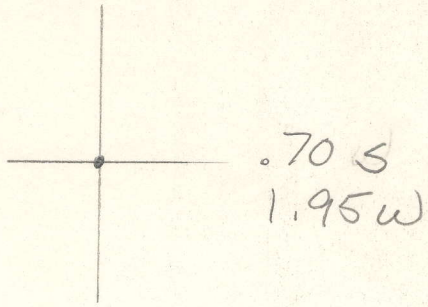


LATITUDE 39 35



LONGITUDE 80 10

7'5 OGIS topo location

7.5' loc \_\_\_\_\_ 15' loc \_\_\_\_\_  
 \_\_\_\_\_ (calc.) \_\_\_\_\_

Company \_\_\_\_\_

Farm HR BARNES 1

Quad GRANT TOWN

County MARION

District Paw Paw

WELL LOCATION MAP

File No. 36090

ON THE  
...ACRES  
LOCATED IN ...DISTRICT ...MARION... COUNTY



KEYSTONE COAL CO.  
ENGINEER'S CERTIFICATE

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT AND SHOWS ALL THE INFORMATION TO THE BEST OF MY KNOWLEDGE

# Monongahela West Penn Public Service Co.

GAS DEPT.  
WELL RECORD

Well No. 88

Map No.

Well #1

Drilled on

H. R. Barnes Heirs Farm of

141

Acres situate in

Law Paw

Dist. ~~W. Va.~~

Marion

County—State

W. Va.

Lease No. 61

R I G

W E L L

Commenced

Completed

Contractor

Work Order No.

Location Made

Commenced Drilling

Dec. 7, 1909

Completed

Jan. 30, 1910

Contractor

Drillers

ROCK FORMATION	TOP	BOTTOM	REMARKS	PRESSURE AND VOLUME
Conductor				1 Minute Lbs.
Mapletown Coal	392	390		2 " "
Pittsburgh Coal	580			3 " "
<del>2000</del> Dunkard	995	1080		4 " "
Gas Sand	1180	1180		5 " "
1st Salt Sand	1300	1325		10 " "
2nd Salt Sand	1392	1425		15 " "
Marion Sand	1575	1625		30 " "
Little Lime	1715	1725		1 Hour "
Pencil Cave	1725	1730		24 " 680 <del>4</del> "
Big Lime	1730	1797		Rock "
Big Injun	1797	1925		Size of Tubing Inch
Berea				Size of Casing "
Gantz Sand				Vol. by Water
50 ft. Sand	2375	2440		" " Mercury 2/10 in 6-5/8"
30 ft. Sand	2470	2530		" " Pressure
Gordon Stray	2520	2600		Open Flow 2,825,000 Cu. Feet
Gordon Sand	2655	2655		CONNECTED TO MAIN LINE
4th Sand	2707	2750		February 2, 1910
* 5th Sand	2839	2885	Break 2872-2875	Length of Line Feet
Bayard Sand			Gas Pay 2887-2885	Size of Line Inch
Elizabeth				DISCONNECTED FROM LINE
Speckley				Notified Lessor
Bradford				Abandoned
* Producing Sand				Repacked
				With Foot Tubing

Total Depth 2892 Feet at \$ per Foot \$

### CASING RECORD

	SIZE	CHANGED		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"			580		580							
"	8"			1875		1875							
"	6-5/8"			1730				1730					
Tubing	3"			2892									

Casing Cemented in Well ..... by ..... Company Employee

PACKER

WELL SHOT

KIND	SIZE	FEET SET AT	DATE	BY	QUARTS	DEPTH	DATE
1st Packer		2715 (2" Drilled perforator set here)			30	5th Sand	1910
2nd Packer		2737				(No increase)	

HISTORY OF WELL

Well was cleaned out during the period from March to June 1925 which resulted in restoring production <sup>to</sup> 175,000 cu.ft. per day

Lined area for additional well history notes.

WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Little Kanawha Syndicate, (Pitts. Coal) Monongahela West Penn Public  
Service Company  
COAL OPERATOR OR OWNER NAME OF WELL OPERATOR  
 c/o S. D. Brady, Jr., Fairmont, W. Va.  
 Morgantown, W. Va. COMPLETE ADDRESS  
 August 24, 1934  
WELL AND LOCATION  
 Continental Coal Company, Fairmont, W. Va. District  
COAL OPERATOR OR OWNER Marion County  
 Mrs. Dora B. Mallah, Well No. H.R. Barnes #1 - 1428  
COAL OPERATOR OR OWNER H.R. Barnes Hrs. Farm  
 808 Locust Avenue,  
 Fairmont, W. Va.  
 Keystone Coal & Coke Company,  
 Greensburg, Pa.

APPROVED TO BE MADE IN DUPLICATE. ONE COPY TO BE MAILED BY REGISTERED MAIL TO THE DEPARTMENT. ONE COPY TO BE DETACHED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) TO BE MAILED TO EACH COAL OPERATOR ABOVE NAMED AT THEIR RESPECTIVE ADDRESSES.

AFFIDAVIT

STATE OF WEST VIRGINIA,  
 COUNTY OF Marion } ss:

on back 9/11/34  
 casing - MAR-90-

Byron Billingslea and Elsa Rinehart  
 being first duly sworn according to law depose and say that they are experienced in the work of plugging  
 and filling oil and gas wells and were employed by Monongahela West Penn Public Service Company, well operator,  
 and participated in the work of plugging and filling the above well, that said work was commenced on the  
24th day of June, 1934, and that the well was plugged and filled in  
 the following manner:

Manner in which said well was plugged: Left two 6-5/8" x 2" Anchor packers in bottom of  
 hole at 2787' and 2715' respectively.  
 Hole filled by cuttings from 2715' to 2680'. (Hole had been cleaned out to this  
 depth.)  
 Cemented from 2680' to 2670', sealing 5th Sand.  
 Filled with red mud from 2670' to 1777', 20' above Big Injun Sand.  
 Cemented from 1777' to 1767', sealing Big Injun Sand.  
 Pulled 6-5/8" casing out. Then pulled 6-5/8" casing as hole was filled.  
 Filled with red mud from 1767' to 1280', 20' above 1st Salt Sand.  
 Manner in which coal was plugged:  
 Cemented from 1280' to 1270', sealing 1st and 2nd Salt Sands.  
 Filled with red mud from 1270' to 820'.  
 Cemented from 820' to 810', sealing hole completely.  
 Open hole from 810' to 610'. Suspended in hole at 610' a string of 2" tubing  
 (vent pipe) with soft rope packer on the end. Ran small amount of red mud on soft  
 rope packer and then sufficient amount cement, which, when set, anchored the 2"  
 vent pipe.  
 Filled with red mud from this point to 500'.  
 Description of monument:  
 Cemented around 2" vent from 500' to 580', 20' above Pittsburgh Coal.  
 Filled with red mud from 580' to 480'.  
 Cemented from 480' to 342', 20' above Sewickley Coal.  
 Filled with red mud from 342' to 288'.

(THE ABOVE MONUMENT TO BE CREATED AT SURFACE AS SOON AS RIG IS TOWN DOWN.)  
 Standard monument to be erected at surface as soon as rig is town down.  
 and that the work of plugging and filling said well was completed on the 16 day of July

1934.  
 And further deponents saith not.

Note: All cement used in hole mixed 1 to 1,  
 (1 cement to 1 sand)  
Byron Billingslea  
Elsa Rinehart  
 16 July 1934