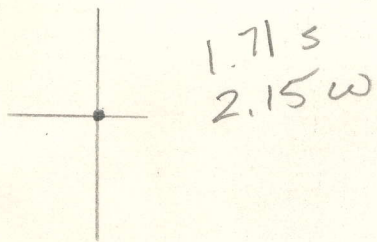


LATITUDE 39 35

LONGITUDE 86 12 30



7'5 OGIS topo location

7.5' loc _____ 15' loc _____
 _____ (calc.) _____

Company _____ 78

Farm H. J. HAWKINS 1

Quad GRANT TOWN

County MARION

District LINCOLN

WELL LOCATION MAP

File No. 30075



ENGINEER'S CERTIFICATE

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.

F. A. H. Kelley
ENGINEER

ACKNOWLEDGED BEFORE ME A NOTARY PUBLIC IN AND FOR MARION CO.

WELL RECORD

Well No. 78

Map No.

Well #1 Drilled on H. J. Hawkins Farm of 151 Acres situate in

Lincoln Dist. Marion County—State W. Va. Lease No. 158

RIG

WELL

Commenced February 28, 1918

Location Made

Completed March 2, 1918

Commenced Drilling Deeper, April 6, 1918

Contractor J. L. Tennant, Shinnston, W. Va.

Completed " " May 6, 1918

Work Order No.

Contractor L. Gillette, Fairmont, W. Va.
Drillers

ROCK FORMATION	TOP	BOTTOM	REMARKS	PRESSURE AND VOLUME
Conductor				1 Minute Lbs.
Mapletown Coal				2 " "
Pittsburgh Coal				3 " "
Little Dunkard				4 " "
Gas Sand				5 " "
1st Salt Sand				10 " "
2nd Salt Sand			This well was drilled from 1947 to present depths.	15 " "
Maxton Sand				30 " "
Little Lime				1 Hour "
Fencil Cave				24 " "
Big Lime				Rock "
Big Injun				Size of Tubing 2 Inch
Berea				Size of Casing "
Gants Sand				Vol. by Water 40/10 in 1"
50 ft. Sand	2435	2505		" " Mercury
30 ft. Sand	2515	2585		" " Pressure
Gordon Stray	2718	2728		Open Flow 76,080 Cu. FT. PER
Gordon Sand	2748	2785		CONNECTED TO MAIN LINE
4th Sand			None	June 1, 1918
* 5th Sand	2898	2926	Gas Show	Length of Line Feet
Bayard Sand			2900	Size of Line Inch
Elisabeth			Gas 2917	DISCONNECTED FROM LINE
Speechley				
Bradford				Notified Lessor
* Producing Sand				Abandoned
				Repacked
				With Feet Tubing

Total Depth 2952

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"			568				568					
"	8 1/2"			1501				1501					
"	6-5/8"			1769				1769					
"	5-3/16"			2729				2729					
Tubing	2"			2952				2952					

Casing Cemented in Well by _____ Company Employee

Map No.

WELL RECORD

Well No. 78

Well #1 Drilled on

H. J. Hawkins Farm of 151

Acres situate in

Lincoln Dist. ~~Rock~~

Marion

County—State W. Va.

Lease No. 156

RIG

WELL

Commenced

Location Made

Completed

Commenced Drilling

Contractor

Completed " Deeper, April 4, 1917

Work Order No.

Contractor

Drillers

ROCK FORMATION	TOP	BOTTOM	REMARKS	PRESSURE AND VOLUME
Conductor				1 Minute 45 Lbs.
Mapletown Coal				2 " 50 "
Pittsburgh Coal				3 " 52 "
Little Dunkard				4 " 54 "
Gas Sand	This well was drilled from			5 " 58 "
1st Salt Sand	1868 feet (steel line) to			10 " "
2nd Salt Sand	1947 (steel line),			15 " 60 "
Maxton Sand				30 " 65 "
Little Lime				Hour "
Pencil Cave				24 " 86 "
Big Lime				Rock "
* Big Injun	1840	Gas 1943		Size of Tubing 2" Inch
Berea				Size of Casing "
Gantz Sand				Vol. by Water 44/10 in 2"
50 ft. Sand				" " Mercury
30 ft. Sand				" " Pressure
Gordon Stray				Open Flow 316,000 Cu. Feet
Gordon Sand				CONNECTED TO MAIN LINE
4th Sand				
5th Sand				Length of Line Feet
Bayard Sand				Size of Line Inch
Elizabeth				DISCONNECTED FROM LINE
Speechley				
Bradford				Notified Lessor
				Abandoned
* Producing Sand				Repacked
				With Feet Tubing

Total Depth 1947 (Steel Line) 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"			568				568					
"	8 1/2"			1501				1501					
"	6-5/8"			1769				1769					
Tubing	2"			1947				1947					

Casing Cemented in Well by Company Employee

PACKER

WELL SHOT

KIND	SIZE	FEET SET AT	DATE	BY	QUARTS	DEPTH	DATE
Spang	6-5/8" x 2"	1813	4/4/17				
Tubed April 4, 1917. Amount anchor 134' 8". Perforator set 115 feet from bottom. Perforator 8 ft. long. Packer set in bottom of Big Lime. Top of Big Injun too soft to hold packer.							

HISTORY OF WELL

Lined area for well history.

WELL RECORD

Well No. 78

Map No.

Well #1 Drilled on H. J. Hawkins Farm of 151 Acres situate in
 Lincoln Dist. of West Marion County—State W. Va. Lease No. 150

RIG

WELL

Commenced	Location Made
Completed	Commenced Drilling November 24, 1916
Contractor	Completed " January 12, 1917
Work Order No.	Contractor L. Gillette, Fairmont, W. Va.
	Drillers

ROCK FORMATION	TOP	BOTTOM	REMARKS	PRESSURE AND VOLUME
Conductor				1 Minute Lbs
Mapletown Coal				2 " "
Pittsburgh Coal	525	532		3 " "
Little Dunkard	1040	1080		4 " "
Gas Sand	1255	1316		5 " "
1st Salt Sand	1330	1375		10 " "
2nd Salt Sand	1426	1585	Water -1485	15 " "
Maxton Sand	1650	1690		30 " "
Little Lime	1745	1763		1 Hour "
Pencil Cave	1773	1780		24 " "
Big Lime	1780	1840		Rock "
* Big Injun	1840	Gas-1840 to 1852		Size of Tubing Inch
Berea				Size of Casing 6-5/8 "
Gantz Sand				Vol. by Water
50 ft. Sand				" " Mercury 13/10 in 2"
30 ft. Sand				" " Pressure
Gordon Stray				Open Flow 630, 432 Cu. Feet
Gordon Sand				CONNECTED TO MAIN LINE
4th Sand				JUNE 30, 1917
5th Sand				Length of Line 850 Feet
Bayard Sand				Size of Line 3" and 4" Inch
Elisabeth				DISCONNECTED FROM LINE
Speechley				
Bradford				Notified Lessor
				Abandoned
* Producing Sand				Repacked
				With Feet Tubing

Total Depth 1868 (Steel Line) at 1 per Foot 1

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"			566				568					
" 8 1/2"			1501				1501					
" 6-5/8"			1769				1769					

10" Casing Cemented in Well Jan. 17, 1917 by Jos. Toothman Company Employees

Jackson Coal & Coke Co. (Pittsburg Coal)

Monongahela West Penn Public Service Company.

Fairmont, W. Va.

Fairmont, W. Va.

H. J. Hawkins (All other coals.)

March 3 1933

Route #4, Fairview, W. Va.

WELL AND LOCATION

Hope Natural Gas Company,

Lincoln District

Clarksburg, W. Va.

Marion County

Well No. 1 - M #78

H. J. Hawkins Farm

AFFIDAVIT TO BE MADE IN TRIPLICATE. ONE COPY TO BE MAILED BY REGISTERED MAIL TO THE DEPARTMENT. ONE COPY TO BE RETAINED 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

vs:

John Conaway

and Byron Billingslea

being first duly sworn according to law depose and say that they are experienced in the work of plugging Monongahela West Penn and filling oil and gas wells and were employed by Public Service Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the

19th day of December, 1932, and that the well was plugged and filled in the following manner:

Manner in which sand was plugged: Filled hole with clay from the bottom 2952 ft. to 2800 ft. Drove white pine plug at 2800 ft. Put in cement plug on top of white pine plug. Filled hole with clay from this point to 1804 ft. Drove white pine plug at 1804 ft. Put in cement plug on top of white pine plug. Filled hole with clay from this point to 807 ft. Drove white pine plug at 807 ft. Put in cement plug on top of white pine plug, sealing hole completely. Open hole from this point to 565 ft. Suspended in the hole at 565 ft. a string of 2" tubing (vent pipe) with soft rope packer on the end. Ran red mud on soft rope packer filling hole to 562 ft., 30 ft.

Manner in which coal was plugged: below Pittsburg Coal.

Hole filled with cement around 2" vent from 562 ft. to 505 ft. (Pittsburg Coal.) Filled hole with clay from 505 ft. to 453 ft. Hole filled with cement around 2" vent from 453 ft. to 396 ft. (Estimated position of Sewickley Coal.) Filled hole with clay from 396 ft. to 183 ft. Hole filled with cement around 2" vent from 183 ft. to 128 ft. (Estimated position of Waynesburg Coal.) Filled hole with clay from 128 ft. to the surface.

Description of monument: Erected permanent concrete marker at surface. Marker is approximately 48" long, extending above ground 18". It is approximately 16" x 18" at the top and 16" x 20" at the bottom, and marked "H. J. Hawkins #1 - M #78."

(THE ABOVE DESCRIPTIONS MUST BE IN DETAIL AND IN ACCORDANCE WITH THE PROVISIONS OF SECTION 10, OIL AND GAS ACT OF 1920.)

and that the work of plugging and filling said well was completed on the 7th day of February, 1933.

And further deponents (with not)

Byron Billingslea
John Conaway
Sworn to and subscribed before me this 11th day of March 1933

I, G. W. Harr, Manager of the Gas Department of Monongahela West Penn Public Service Company, do hereby certify that the hereto attached paper is a true and correct log of the H. J. Hawkins Well #1 - Serial W #78, drilled on the H. J. Hawkins farm of One Hundred Fifty One (151) acres, situated in Lincoln District, Marion County, West Virginia, as the same is on file in my office.

Done at Fairmont, West Virginia, this 3rd day of December, 1932.

G. W. Harr
Manager Gas Department.

WORK ORDER

Well to be plugged and filled as follows: Hole to be filled with mud or clay from the bottom, 2952 feet to 2878 feet, 20 feet above 5th Sand. Suitable plugging to be set at 2878 feet to seal hole completely. Hole to be filled with mud or clay from 2878 feet to 1820 feet, 20 feet above the Big Injun Sand. Suitable plugging to be set at 1820 feet to seal hole completely. Hole to be filled with mud or clay from 1820 feet to 1406 feet, 20 feet above 2nd Salt Sand. Suitable plugging to be set at 1406 feet to seal hole completely. Hole to be filled with mud or clay from 1406 feet to 890 feet. Suitable plugging to be set at 890 feet to seal hole completely.

Two inch vent pipe with soft rope packer on end, to be suspended in hole at 582 feet. Small amount of red mud to be run on soft rope packer and then a sufficient amount of cement when set to anchor 2" vent pipe.

Hole to be filled with red mud from this point to 562 feet, 30 feet below Pittsburg Coal.

Hole to be filled with cement around 2" vent pipe from 562 feet to 505 feet, 20 feet above Pittsburg Coal.

Hole to be filled with mud or clay from 505 feet to 453 feet, 30 feet below estimated bottom Sewickley Coal.

Hole to be filled with cement around 2" vent pipe from 453 to 396 feet, 20 feet above estimated top of Sewickley Coal.

Hole to be filled with mud or clay from 396 feet to 183 feet, 30 feet below estimated bottom W aynesburg Coal.

Hole to be filled with cement around 2" vent pipe from 183 feet to 128 feet, 20 feet above estimated top of Waynesburg Coal.

Hole to be filled with mud or clay from 128 feet to the surface.

Standard marker to be erected at surface.

To the Department of Mines,
Coal Owner or Operator,
Lease or Property Owner.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date stated in the notice of intention to plug and abandon the said well on opposite side of this sheet.

Very truly yours,

Monongahela West Penn Public Service Company

By: G.W. Farr, Mgr. Gas Dept. Well Operator.

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this 8th day

of Dec., 1932.

DEPARTMENT OF MINES
Oil and Gas Division

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REGULATED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

Monongahela West Penn Public
Service Company

Jamison Coal & Coke Co. (Mitts. Coal)

NAME OF WELL OPERATOR

Fairmont, W. Va.

ADDRESS

Fairmont, W. Va.

COMPLETE ADDRESS

H. J. Hawkins (All other coals.)

COAL OPERATOR OR COAL OWNER

December 3, 19 32

WELL TO BE ABANDONED

Route #4, Fairview, W. Va.

ADDRESS

Lincoln District

Hope Natural Gas Company

LEASE OR PROPERTY OWNER

Marion County

Clarksburg, W. Va.

ADDRESS

Well No. 1 - M #78

H. J. Hawkins Farm

MAR - 75 - (1932)

OK
2/21/32

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence the

work of plugging and abandoning said well on the 12 day of December, 19 32,
(which date shall not be less than five days after the day on which this notice so mailed is received, or in
due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging
and filling of said well. You are further notified that whether you are represented or not represented the
undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner
required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this
notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,
MONONGAHELA WEST PENN PUBLIC SERVICE COMPANY

G. W. Harr

By: G. W. Harr, Mgr. Gas Dept. Well Operator.

NOTE: Upon the abandonment of all wells drilled prior to June 1, 1929, a plat prepared by a competent en-
gineer, showing the district and county in which the tract of land is located, the name and acreage of same, the
names of the owners of adjacent tracts and the location of the about to be abandoned well, determined by survey,
and the courses and distances of each well from two permanent points or landmarks on said tract, shall be submitted
with this notice.

(Over)