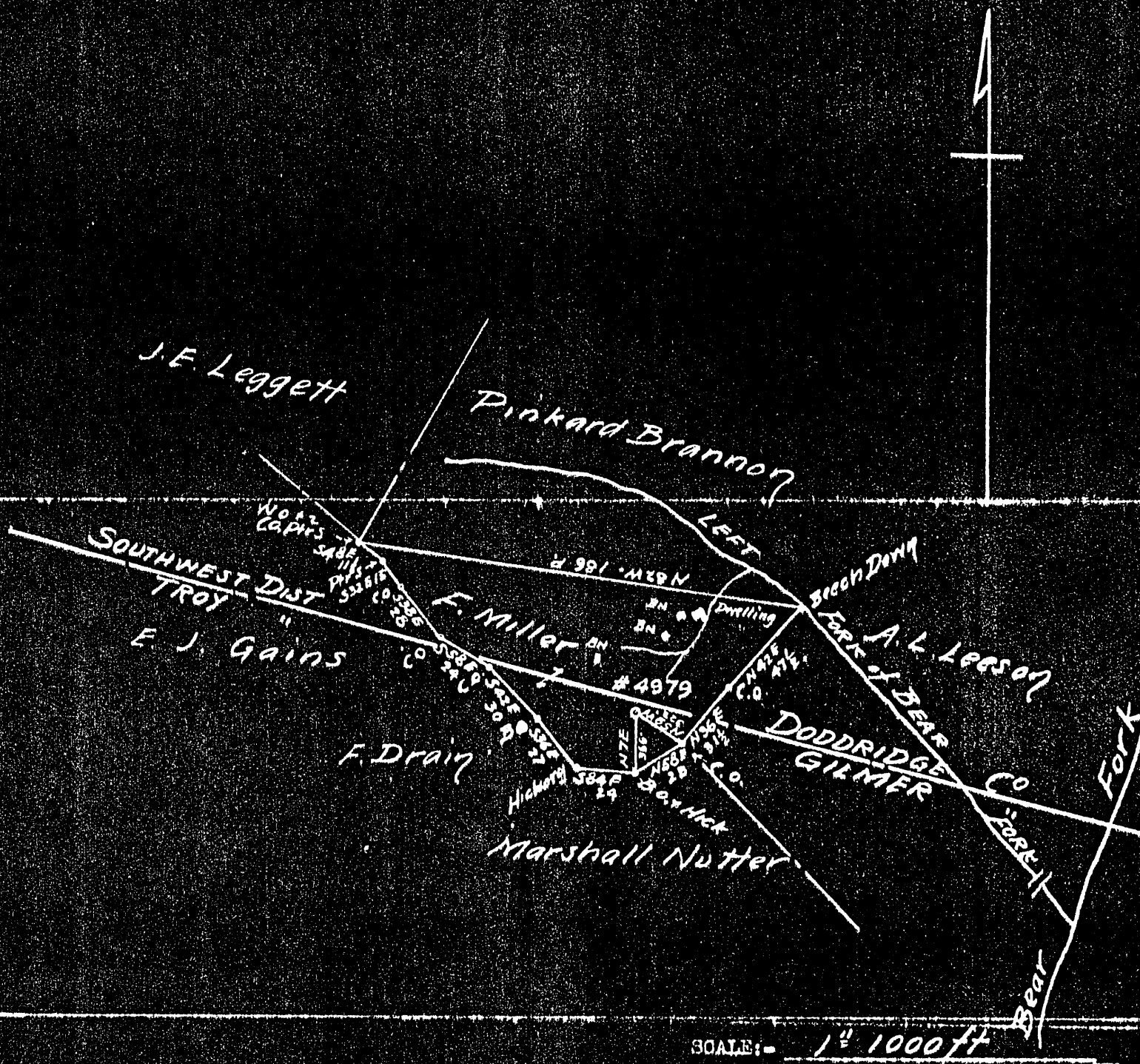


17  
Pittsburgh + W Va Gas Company of Pittsburgh Penna  
 Lease No. 21156 Lessor Finanda Miller (W. A. Miller) Acres 62  
 District Southwest Dist County Doddridge State W Va.  
 Qtr. Quadrangle Holbrook SE Date 7-16-1929 No. on Lease 1  
 Lease Expires \_\_\_\_\_ / F. Reservation 200' Well No. 4979  
Ele-1124



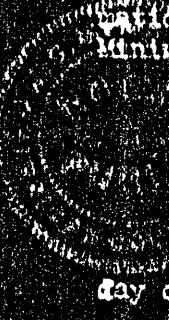
**ENGINEER'S CERTIFICATE**

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.

[Signature]  
 Engineer.

Acknowledged before me a Notary Public, this 29  
 day of July, 1929.

[Signature]



LATITUDE 39° 07' 30"

LONGITUDE 88° 47' 30"



7'5 OGIS topo location

7.5' loc	<u>1.36 S</u>	15' loc	<u>4.24 S</u>
	<u>0.19 W</u>	(calc.)	<u>2.42 W</u>

Company PITTSBURGH + WV GAS Co

Farm FINANDA MILLER 1 (4979)

Quad AGURN Holbrook EC

County DEED

District SOUTHWEST

WELL LOCATION MAP

File No. 017-5

(WELL LOCATED IN GILMER CO)

109 Dodd 134A now

South West District, Doddridge County, W. Va.  
 By Pittsburgh & W. Va. Gas Co., Clarksburg, W. Va.  
 On 62 acres, (Map Ref. Holbrook, S.E.2-1); surface and mineral  
 rights owned by Finanda Miller, Dock Nicholson, Wolf Summit, W. Va.  
 Well completed Oct. 11, 1929.  
 Elevation, 1124' L.  
 13" conductor, 16'; 10" casing, 304'; 8 1/4", 1112'; 5-3/16", 2022'.  
 No coal was encountered.  
 Abandonment reported to Dept. of Mines Sept. 10, 1935.  
 Located 7-16-1929; began drg. 9-5-1929; comp. 10-11-1929.  
 Well was shot at 2122', with 15 qts.  
 Gas well. 5-3/16" hole.

	Top.	Bottom.	Thickness.
Clay, yellow,	0	- 20	20
Slate, white	20	- 50	30
Slate, dark	50	- 60	10
Lime	60	- 90	30
Red rock	90	- 120	30
Lime, white	120	- 160	40
Red rock	160	- 300	140
Lime	300	- 330	30
Red rock	330	- 350	20
Lime	350	- 390	40
Red rock	390	- 440	50
Lime	440	- 505	65
Red rock	505	- 600	95
Lime	600	- 690	90
Red rock	690	- 795	105
Lime	795	- 910	115
Slate and lime	910	- 1078	168
Lime	1078	- 1090	12
Slate	1090	- 1105	15
Big Dunkard Sand, white	1105	- 1118	13
Slate and shells	1118	- 1320	202
Gas Sand, white	1320	- 1350	30
Slate, white	1350	- 1385	35
Sand, white	1385	- 1434	49
Slate, white	1434	- 1465	31
1st Salt Sand, white, hard	1465	- 1525	60
Slate, dark	1525	- 1902	377
Maxton Sand, white, hard	1902	- 1955	53
Slate, white	1955	- 1965	10
Little Lime, white, hard	1965	- 1996	31
Pencil Cave, white	1996	- 2008	12
Big Lime, white, hard	2008	- 2068	60
Big Injun Sand, white, hard (gas, 2116')	2068	- 2160	92
Slate, white, soft, to bottom	2160	- 2184	24

Can not locate  
 no plot available

Duplicate

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

File No. Dod-5

Well No. 4979

PITTSBURGH & WEST VIRGINIA GAS Company of CLARKSBURG

WEST VIRGINIA on the Finanda Miller Farm

containing 62 acres. Location Map Ref., Holb. SE 2-1

South West District, in Doddridge County, West Virginia

The surface of the above tract is owned in fee by Finandia Miller

of Wolf Summitt, W. Va. c/o Dock Nicholson address, and the mineral rights are owned by

Finanda Miller of c/o Dock Nicholson, Wolf Summitt, W.Va.

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

(Well completed 10/11/29) 193\_\_\_\_\_

Elevation of surface at top of well, 1124' Spirit  
~~XXXXXXXX~~

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

16 feet 13" size. Wood conductor.

304 feet 10" size, csg. 1112 feet 8-1/4" sized csg.

2022 feet 5-3/16" size, csg. \_\_\_\_\_ feet \_\_\_\_\_ sized csg.

\_\_\_\_\_ feet \_\_\_\_\_ size, csg. \_\_\_\_\_ feet \_\_\_\_\_ sized csg.

\_\_\_\_\_ packer of \_\_\_\_\_ size, set at \_\_\_\_\_

\_\_\_\_\_ packer of \_\_\_\_\_ size, set at \_\_\_\_\_

\_\_\_\_\_, in casing perforated at \_\_\_\_\_ feet to \_\_\_\_\_ feet.

\_\_\_\_\_, in casing perforated at \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Coal was encountered at No coal feet, thick ness \_\_\_\_\_ inches, and at \_\_\_\_\_

feet; thickness \_\_\_\_\_ inches; and at \_\_\_\_\_ feet; thickness \_\_\_\_\_ inches.

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

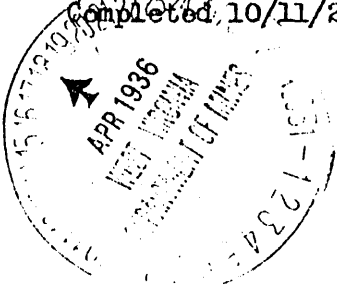
September 10th, 1935 Date.

Located 7/16/29  
Began drilling 9/5/29  
Completed 10/11/29

Approved PITTSBURGH & WEST VIRGINIA GAS CO, Owner.

By F. E. Brigden

(TITLE)



PITTSBURGH & WEST VA GAS

Company

CLARKSBURG, WEST VA.

Address

WELL No. 4979

FARM Finanda Miller

COMPLETION DATA SHEET

No. 2

FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Clay	Yellow			0	20	20	20	
Slate	White			20	50	30	50	
"	Dark			50	60	10	60	
Lime				60	90	30	90	
Red Rock	Red			90	120	30	120	
Lime	White			120	160	40	160	
Red Rock	Red			160	300	140	300	
Lime				300	330	30	330	
Red Rock	Red			330	350	20	350	
Lime				350	390	40	390	
Red Rock	Red			390	440	50	440	
Lime				440	505	65	505	
Red Rock				505	600	95	600	
Lime				600	690	90	690	
Red Rock				690	795	105	795	
Lime				795	910	115	910	
Slate&Lime				910	1078	168	1078	
Lime				1078	1090	12	1090	
Slate				1090	1105	15	1105	
B.D.Sand	White			1105	1118	13	1118	
Slate&Shells				1118	1320	202	1320	
Gas Sand	White			1320	1380	30	1350	
Slate	"			1350	1385	35	1385	
Sand	"			1385	1434	49	1434	
Slate	"			1434	1465	31	1465	
1st.Salt Sand	"	Hard		1465	1525	60	1525	
Slate	Dark			1525	1902	377	1902	
Maxon Sand	White	Hard		1902	1955	53	1955	
Slate	White			1955	1965	10	1965	
Little Lime	"	Hard		1965	1996	31	1996	
Pencil Cave	"			1996	2008	12	2008	
Big Lime	"	Hard		2008	2068	60	2068	
Big Injun Sand	"	"	G-2116'	2068	2160	92	2160	
Slate	"	Soft		2160	2184	24	2184	
						Total Depth	2184'	

Well was ~~151~~ shot at 2122' (15 Qts) feet; well was shot at \_\_\_\_\_ feet.

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

Well was <sup>producing</sup> 5-3/16 hole.  
~~151~~

PITTSBURGH & WEST VA GAS COMPANY.

September 10th, 1935.

By, F. E. Brigden  
 F. E. Brigden

Date

Approved

Owner

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 commonly used in the district for such strata.

