

LATITUDE

39° 42' 30"

OGIS  
7.5' loc

LONGITUDE  
79° 59' 30"

7.5 OGIS topo location

7.5' loc	<u>0.05</u>	15' loc	<u>2.93 S</u>
	<u>2.12</u>	(calc.)	<u>4.54 W</u>

\_\_\_\_\_

Form \_\_\_\_\_

Quad Morgantown N Morgantown NW

County \_\_\_\_\_

District Cass

WELL LOCATION MAP

File No. 061-19

CLOP

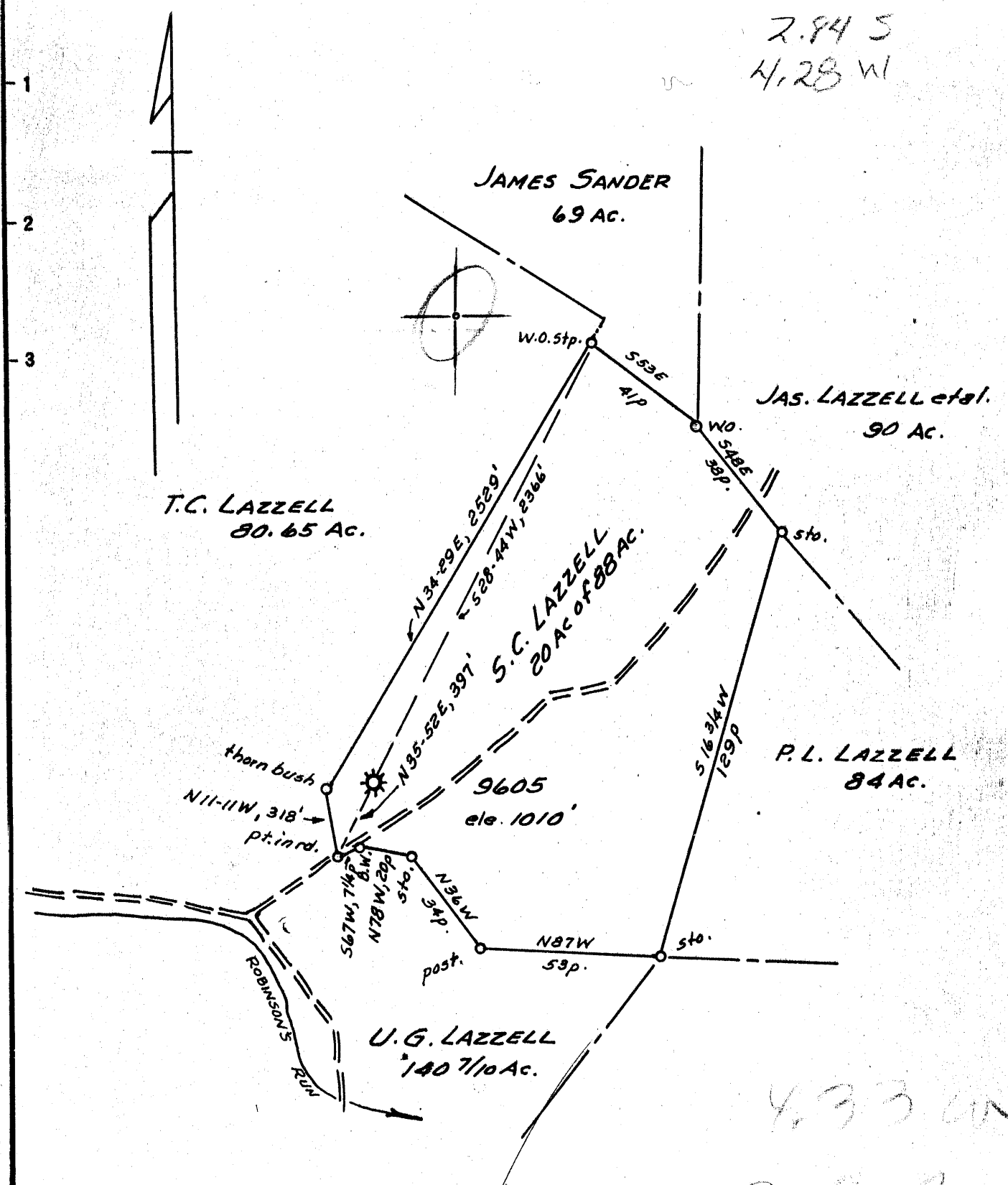
6-6 -orig  
6-0 -deepenip

(068)

Latitud 39° 45'

Longitude 79° 55'

2.84 S  
4.28 W



New Location...   
 Drill Deeper.....   
 Abandonment.....

OCT 15 1956  
 MAP SH. 2: N 7, E 35 F.B. 1049 p. 5

4330  
 2198

Company HOPE NATURAL GAS CO.  
 Address CLARKSBURG, W.VA.  
 Farm S.C. LAZZELL  
 Tract \_\_\_\_\_ Acres 20 Lease No. 61905  
 Well (Farm) No. \_\_\_\_\_ Serial No. 9605  
 Elevation (Spirit Level) 1010'  
 Quadrangle MORGANTOWN  
 County MONONGALIA District CASS  
 Engineer Guy A. Bradley  
 Engineer's Registration No. 2425  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date July 18, 1955 Scale 1" = 400'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. MON-603-A  
MON MON. 19

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

S.C. LAZZELL No. 9605 - HOPE N. 4, 6, - MON-603-A

7/19/19

WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Section

PRELIMINARY DATA SHEET NO. 1

File No. Monongahela West Penn Public Service Company, of Fairmont, W. Va. Well No. M #328

on the S. C. Lazzell Farm containing (20 acres under 88 lease) acres. Location on the waters of Robinson's Run Cass District, in Monongalia County, West Virginia.

The surface of the above tract is owned in fee by S. C. Lazzell of Route #1, Van Voorhis, W. Va. address, and the mineral rights are owned by Connellsville By-Products Co. (Paisley Interests) (Pitts. Coal), Cleveland, Ohio. S. C. Lazzell (all other coals) of Van Voorhis, W. Va.

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit No. January 6, 1930 issued by the West Virginia Department of Mines, Oil and Gas Section,

Elevation of surface at top of well, 1020 feet Spotix Barometric.

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

13 feet 13" size. Wood conductor. 309 feet 10" (Pulled) size, csg. 1449 feet 2" size tubing. 1007 feet 8 1/4" (Pulled) size, csg. sized csg. 1238 feet 5-3/16" size, csg. sized csg. Hook Wall packer of 5-3/16" x 2" size, set at 1449 feet packer of size, set at

OK File 5-27-33

in casing perforated at feet to feet. in casing perforated at feet to feet.

Coal was encountered at 53' (bottom) feet; thickness inches, and at 160' (bottom) feet; thickness inches; and at 875' feet; thickness 60" inches.

Liners were used as follows: (Give details)

April 15, 1930 Date.

Approved Monongahela West Penn Public Service Company, Owner.

By Gurtner (Title) Gas Department Manager

Note: This well was originally drilled to the Big Injun Sand in 1912. It was drilled through the Bayard Sand on drilling Permit cited above.

MON-19

Monongahela West Penn  
Public Service Company

COMPLETION DATA SHEET

Fairmont, Address

NO. 2

West Virginia

FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Conductor				0	13			
Mapletown Coal				-	53			
Pittsburg Coal				-	160			
Murphy Sand			Water-397'	385	415			
Red Rock				475	500			
Big Dunkard Sand				670	875			
Freeport Coal (Upper?)			Water-877'	875	880			
1st & 2nd Salt Sands			Water-1113'	980	1240			
Red Rock				1390	1400			
Big Lime				1400	1467			
Big Injun Sand			Gas-1477 Gas-1567 Gas-1590	1467				
Total Depth	1619'							
<p>This well was originally drilled to the Big Injun Sand in 1912. Total depth being 1619'. It was drilled deeper on drilling permit dated January 6, 1930.</p>								
<u>DRILLING DEEPER RECORD</u>								
Big Injun Sand					1675			
Slate				1675	1690			
Squaw Sand				1690	1805			
Slate & Shells				1805	2025			
Gantz Sand				2025	2050			
Slate				2050	2055			
50-Foot Sand				2055	2090			
Slate				2090	2105			
30-Foot Sand				2105	2150			
Slate & Shells				2150	2215			
Red Rock				2215	2230			
Gordon Stray				2230	2245			
Slate & Shells				2245	2270			
Red Rock				2270	2340			
Gordon Sand				2340	2348			
Slate & Shells				2348	2460			
Fifth Sand				2460	2480			
Slate & Shells				2480	2517			
Bayard Sand				2517	2560			
Slate				2560	2570			
Sand				2570	2640			
Slate				2640	2685			
Total depth	2685'							
<p>- No additional gas secured in drilling deeper. Production comes from Big Injun Sand.</p>								

1619  
1566  
nwftg-

~~Shot~~ Well was not shot at .....feet; well was shot at .....feet.

~~Shot~~ Fresh water at 397' & 877' and ~~Shot~~ feet; fresh water at 1113' .....feet.

Well ~~not~~ producing ~~not~~ gas from Big Injun Sand.

April 15, 1930  
Date

Approved

Monongahela West Penn  
Public Service Company  
Owner  
By *[Signature]* Mgr. 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 commonly used in the district for such strata.

Cass District, Monongalia County, W. Va.  
 By Monongahela West Penn Public Service Co., Fairmont, W. Va.  
 On 88 acres (20 acres under lease), on waters of Robinson Run;  
 surface owned by S. C. Lazzell, Route 1, Van Voorhis, W. Va.,  
 and mineral rights by Connellsville By-Products Co. (Faisley  
 Interests) (Pittsburgh Coal), Cleveland, Ohio, and all other  
 coals by S. C. Lazzell, Van Voorhis, W. Va.

Drilled under permit issued Jan. 6, 1930. (DEEPENING).  
 Elevation, 1020' B.

13" conductor, 13'; 10" casing, 309' (pulled); 8 1/2", 1077' (pulled);  
 5-3/16", 1238'; 2" tubing, 1449'.

Hook wall packer, 5-3/16 x 2, set at 1449'.

Coal was encountered at 53' (bottom) and 160' (bottom), and at  
 875-880'.

NOTE: This well was originally drilled to the Big Injun Sand in  
 1912. It was drilled through the Bayard Sand on drilling  
 permit cited above.

Completion (deepening) reported to Dept. of Mines April 15, 1930.  
 No additional gas secured in drilling deeper. Production comes  
 from Big Injun Sand.

Well was not shot.

Fresh water at 397, 877 and 1113'.

Big Injun gas well.

	Top.	Bottom.
Conductor	0	13
Mapletown (Sewickley) Coal	..	53
Pittsburgh Coal	...	160
Murphy Sand (water, 397')	385	415
Red rock	475	500
Big Dunkard Sand	670	875
Freeport Coal (Upper?) (water, 877')	875	880
1st and 2nd Salt Sands (water, 1113')	980	1240
Red rock	1390	1400
Big Lime	1400	1467
Big Injun Sand (gas, 1477', 1567', and 1590')	1467	
Total depth		1619
DEEPENED:		
Big Injun Sand	....	1675
Slate	1675	1690
Squaw Sand	1690	1805
Slate and shells	1805	2025
Gantz Sand	2025	2050
Slate	2050	2055
50-Ft. Sand	2055	2090
Slate	2090	2105
30-Ft. Sand	2105	2150
Slate and shells	2150	2215
Red rock	2215	2230
Gordon Stray Sand	2230	2245
Slate and shells	2245	2270
Red rock	2270	2340
Gordon Sand	2340	2348
Slate and shells	2348	2460
Fifth Sand	2460	2480
Slate and shells	2480	2517

(OVER)

	Top.	Bottom.
Bayard Sand	2517	- 2560
Slate	2560	- 2570
Sand	2570	- 2640
Slate, to bottom	2640	- 2685



647

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

*Mapletown Field*  
Permit No. 603-12

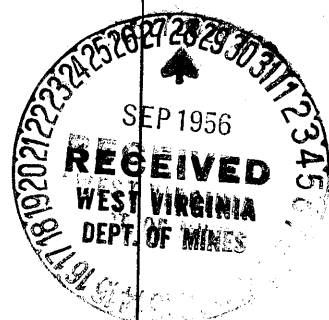
Oil or Gas Well Gas  
(KIND)

Company Hope Natural Gas Company  
 Address Clarksburg, W. Va.  
 Farm S. C. Lazzell Acres 38  
 Location (waters) \_\_\_\_\_  
 Well No. 9605 Elev. 1010'  
 District Cass County Monongalia  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced 8-5-12  
 Drilling completed 9-26-12  
 Date Shot No Record From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume Exhausted Cu. Ft. \_\_\_\_\_  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water No Record feet \_\_\_\_\_ feet  
 Salt water 1113 feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10			Size of
8 1/4			
6 3/4			Depth set
5 3/16	<u>1238'</u>	<u>1238'</u>	
3			Perf. top
2	<u>1619</u>	<u>1619</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
No record of cementing  
 COAL WAS ENCOUNTERED AT See Below FEET \_\_\_\_\_ INCHES \_\_\_\_\_  
 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Mapletown Coal			?	53			
Pittsburgh Coal			?	160			
Salt Sand			980	1240	Water	1113	
BIG LIME			1400	1467			
BIG INJUN			1467	1619	Gas	1477-1567-1590	
Total Depth				1619'			



September 27, 1956  
*Jack Bailey*  
Hope Natural Gas Company

OCT 26 1956

# MONONGAHELA WEST PENN PUBLIC SERVICE CO.

GAS DEPT

## WELL RECORD

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

Well No. 328

(All but 20 acres  
has since been  
given up)

Well # 1 Drilled on S. C. Lazzell Farm of 88 Acres situate in  
Cass Dist. ~~Rockwell~~ Monongalia County—State W. Va. Lease No. 1127

**RIG**

**WELL** Covering 20 acre

Commenced _____	Location Made <u>July 1912</u>
Completed _____	Commenced Drilling <u>August 5, 1912</u>
Contractor _____	Completed " <u>September 26, 1912</u>
	Contractor <u>George B. Vance</u>
	Drillers _____

Work Order No. Well was purchased from  
Globe Fuel Co. September 25, 1916

ROCK FORMATION	TOP	BOTTOM	REMARKS	PRESSURE AND VOLUME
Conductor				1 Minute Lbs.
Mapletown Coal		53		2 " "
Pittsburgh Coal		160		3 " "
<del>2 1/2</del> Dunkard				4 " "
Gas Sand				5 " "
1st Salt Sand )	980	1240	Water at 1113	10 " "
2nd Salt Sand )				15 " "
Maxton Sand				30 " "
Little Lime				1 Hour "
Pencil Cave				24 " "
Big Lime	1400	1467		Rock "
* Big Injun	1467	1619		Size of Tubing <u>2</u> Inch
Berea	1st gas pay - 1477'			Size of Casing "
Gantz Sand	2nd " " - 1567'			Vol. by Water <u>7 Tenths in 3"</u>
50 ft. Sand	3rd " " - 1590'			" " Mercury <u>25</u>
30 Ft. Sand				" " Pressure
Gordon Stray				Open Flow <u>284,000 cu. ft</u> MCF
Gordon Sand				CONNECTED TO MAIN LINE
4th Sand				
5th Sand				Length of Line Feet
Bayard Sand				Size of Line Inch
Eizabeth				DISCONNECTED FROM LINE
Speechley				
Bradford				Notified Lessor
				Abandoned
* Producing Sand				Repacked
				With Feet Tubing

Total Depth 1619 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"			309		309							
"	8 1/4"			1007		1007							
"	5-3/16" (13# W. Iron)			1238				1238					
Tubing	2" (4 1/2# W. Iron)			1619				1619		(Tubed July 4, 1917)			

Casing Cemented in Well \_\_\_\_\_ by \_\_\_\_\_ Company Employee

Elevation 1020' B.A.T.

(over)



PACKER

WELL SHOT

MON 19

KIND	SIZE	FEET SET AT	DATE	BY	QUARTS	DEPTH	DATE
Oilwell Anchor	5-3/16" x 2"	1451 or 163 ft. from bottom	July 4, 1917				
	Cage set	at 1598 or 21 ft. from bottom.					

COMPLETE RECORD OF WELL

HISTORY OF WELL

Formation	Top	Bottom	Remarks
Conductor	0	13	
Mapletown Coal	-	53	
Pittsburgh "	-	160	
Murphy Sand	385	415	Water at 397'
Red Rock	475	500	
Big Dunkard Sand	670	875	
Freeport Coal (Upper?)	875	880	Water at 877'
1st & 2nd Salt Sands	980	1240	Water at 1113'
Red Rock	1390	1400	
Big Lime	1400	1467	
Big Injun Sand	1467	1619	1st Gas at 1477'
			2nd " " 1567'
			3rd " " 1590'
Total Depth 1619'			