

Company Keystone Gas Co.  
 Address Mr. Crawford - Dilliner - Penna  
 Farm Williard W. Hodge  
 Tract # 4 Acres 32.439 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 825.03  
 Quadrangle Morgantown - W. Va. - NW  
 County Monongalia District Union  
 Engineer Ralph E. Baker  
 Engineer's Registration No. 441  
 File No. 2-19-D-211 Drawing No. 8679  
 Date Nov. 16-56 Scale 1" = 300'

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

**WELL LOCATION MAP**  
 FILE NO. MON-229-D

+ 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.

6-6 (068)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Morgantown  
Permit No. MON-229-D

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Keystone Gas Co.  
Address Canonsburg, Pa.  
Farm W. W. Hodge Acres 32  
Location (waters) Monongahela River  
Well No. I Elev. 805.03  
District Union County Monongalia  
The surface of tract is owned in fee by W. W. Hodge  
Morgantown Address West Virginia  
Mineral rights are owned by Lotta Jaquith & Others  
Sumner Co. Kansas Address \_\_\_\_\_  
Drilling commenced Nov. 26, 1956  
Drilling completed Nov. 30, 1956  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow 32/10ths Water in 1 1/2 Inch  
\_\_\_\_\_/10ths Merc. in \_\_\_\_\_ Inch  
Volume 99,785 Cu. Ft.  
Rock Pressure 460 lbs. 24 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			Anchor
13			Size of <u>6 5/8 x 3</u>
10			Depth set <u>1254'</u>
8 1/4		<u>590'</u>	
6 5/8		<u>930'</u>	
5 3/16			
3		<u>1322'</u>	Perf. top <u>1260'</u>
2			Perf. bottom <u>1320'</u>
Liners Used			Perf. top _____
			Perf. bottom _____

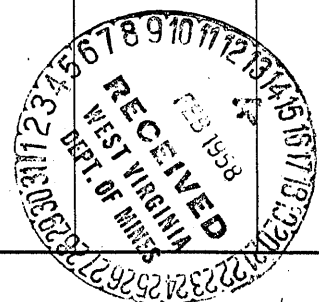
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT \_\_\_\_\_

ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_

Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Started drilling down at 11:37:							
Sand			1137	1139			
Slate & Shells			1139	1180			
Lime & Shells			1180	1199			
Sand			1199	1317	Gas	1312-15	
Slate & Shells			1317	1324	Total Depth		
				<u>1137</u> <u>187</u>			



ONLY RECORD CHARLESTON HAS FOR ORIGINAL WELL.

DRILLING RECORD OF WELL NO. 1 ON W. W. HODGE FARM  
UNION DISTRICT, MONONGALIA COUNTY, WEST VIRGINIA

Mon: 229

<u>FORMATION</u>	<u>TOP</u>	<u>THICKNESS</u>	<u>BOTTOM</u>
Conductor	10	14	14
Big Dunkard	210	50	260
Freeport Coal	260	6	266
Gas Sand	360	40	400
Salt Sand	575	175	750
Little Lime	895	15	910
Big Lime	925	82	1007
Big Injun	1007	130	1137
Total Depth			1137
<u>Gas Encountered</u>	1082		
	1092		
	1105		
<u>Casing Left in Well</u>	8"	590 ft	
	6"	930 "	



DRILL DEEPER

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

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

None

COAL OPERATOR OR COAL OWNER

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

Mrs. Lotta H. Jacquith

OWNER OF MINERAL RIGHTS

Boston, Mass.

ADDRESS

Keystone Gas Co.

NAME OF WELL OPERATOR

Canonsburg, Pa.

COMPLETE ADDRESS

Nov. 19, 1956

PROPOSED LOCATION

Union District

Monongalia County

Well No. I (Virgil E. Hoard)

39° 45'  
79° 55'

W. W. Hodge

Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated Sept. 12, 1921, made by Virgil E. Hoard, to Cowell & Son, and recorded on the \_\_\_\_\_ day of \_\_\_\_\_, in the office of the County Clerk for said County in Book 179, page 428.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten\* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

Keystone Gas Co.

WELL OPERATOR

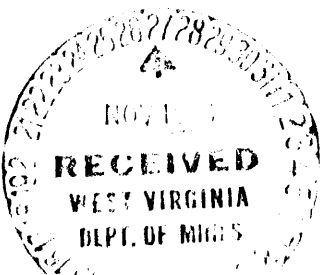
Mellon Bank Bldg.

STREET

Canonsburg, Pa.

CITY OR TOWN

STATE



Address of Well Operator

\*Section 8771. If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.