



- New Location.
- Drill Deeper. ....
- Redrill .....
- Abandonment .....

MAY 9 1960

SURVEY APRIL 27, 1960. - W.S. GRAVELY - N.B. 87 PAGE 55

Company	COMMONWEALTH GAS CORPORATION		
Address	P.O. Box 1433 CHARLESTON, W. VA.		
Farm	MITCHELL HALE		
Tract	Acres	105	Lease No.
			27
Well (Farm) No.	1	Serial No.	C-10
Elevation (Spirit Level)	613.0		
Quadrangle	GUYANDOT S.E.		
County	M <sup>c</sup> COMAS	District	CABELL
Engineer	G.H. HALL		
Engineer's Registration No.	2602		
File No.	Drawing No.		
Date	APRIL 28, 1960	Scale	1" = 660'

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

WELL LOCATION MAP  
FILE NO. CAB-89-A

+ 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.

C.G. Merritt Creek-Salt Rock (206)  
MITCHELL HALE No. 1 (C-10) - COMMONWEALTH GAS CORP. - CAB-89-A



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Guvandot S. E.

Permit No. 59-A

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company COMMONWEALTH GAS CORPORATION  
 Address P. O. Box 1433, Charleston 25, W. Va.  
 Farm Mitch Hale Acres 105  
 Location (waters) Harritt Creek  
 Well No. C-10 Elev. 613.0  
 District McConas County Cabell  
 The surface of tract is owned in fee by Rhilla Hale  
R.F.D. #1, Box 22 Address Salt Rock, W. Va.  
 Mineral rights are owned by Same  
 Address Same  
 Drilling commenced July 6, 1927  
 Drilling completed September 10, 1927  
 Date Shot 9/15/27 From 2880 To 3275  
 With 820 Quarts  
 Open Flow 9 /10ths Water in 2 Inch  
                   /10ths Merc. in                    Inch  
 Volume 127,000 Cu. Ft.  
 Rock Pressure 510 lbs. 48 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			Heater
13			Size of <u>8-1/2</u>
10	<u>24'</u>	<u>24'</u>	Rubber on Packer
8 1/4	<u>675'</u>	<u>-</u>	<u>2-1/2" long.</u>
6 3/8	<u>1717'</u>	<u>1717'</u>	Depth set <u>2258.5 to 2267</u>
5 3/16			Perf. top <u>3231-1/2</u>
3	<u>3289'</u>	<u>3289'</u>	Perf. bottom <u>3275</u>
2			Perf. top <u>                  </u>
Liners Used			Perf. bottom <u>                  </u>

CASING CEMENTED - SIZE 0 No. Ft. - Date                     
 COAL WAS ENCOUNTERED AT 536 FEET 4 INCHES  
                   FEET                    INCHES                    FEET                    INCHES  
                   FEET                    INCHES                    FEET                    INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT  
 Fresh Water 35 Feet Salt Water 1020 Feet 1090

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	12			
Sand			12	50	Water	35	
Slate			50	110			
Red Rock			110	115			
Slate			115	135			
Red Rock			135	140			
Slate			140	220			
Sand			220	240			
Slate			240	365			
Sand			365	490			
Slate			490	520			
Sand			520	536			
COAL			536	540			
Sand			540	660			
Slate			660	700			
Sand			700	725			
Slate			725	740			
Sand			740	825			
Slate			825	950			
Sand			950	1140	Water	1020	
Slate			1140	1150	Water	1090	Hole full.
Black Lime			1150	1170			
Sand			1170	1245			
Slate			1245	1255			
Sandy Lime			1255	1300			
Slate			1300	1315			
Red Rock			1315	1325			
Slate & Shells			1325	1360			
LITTLE LIME			1360	1383			
PENCIL CAVE			1383	1385			

RECEIVED  
 APR 1950  
 VIRGINIA  
 DEPARTMENT OF MINES

JUN 29 1950

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
<u>BIG LIME</u>			1385	1545			
Break			1545	1546			
Black Lime			1546	1566			
Sand			1566	1635			
<u>INJIN SAND</u>			1635	1712			
Black Lime			1712	1724			
Slate			1724	1932			
Shell			1932	1952			
Slate			1952	1990			
Shell			1990	1995			
Slate			1995	2072			
Shell			2072	2082			
Slate			2082	2086			
Shell			2086	2093			
Slate			2093	2100			
Shell			2100	2115			
Slate			2115	2123			
Shell			2123	2158			
Slate			2158	2187			
Brown Shale			2187	2200			
<u>BERVA SAND</u>			2200	2213			
Slate			2213	2250			
Shell			2250	2270			
Slate			2270	2295			
Sandy Lime			2295	2330			
Slate			2330	2620			
<u>BROWN SHALE</u>			2620	2765			
Slate			2765	2770			
Shell			2770	2776			
Shale			2776	2798			
Shell			2798	2808			
Slate			2808	2830			
<u>BROWN SHALE</u>			2830	2845			
Slate			2845	2925	Gas	2880-2888	
<u>BROWN SHALE</u>			2925	2990	Gas	2925-2930	
Slate			2990	3035			
<u>BROWN SHALE</u>			3035	3130			
Slate			3130	3142			
<u>BROWN SHALE</u>			3142	3200			
Slate			3200	3205			
<u>BROWN SHALE</u>			3205	3275			
Slate			3275	3289			
Total Depth				3289			
Note: This well was drilled by West Virginia Gas Corporation.					Final Gauge; 127,000 cu. ft.		

Date April 26, 19 60

APPROVED COMMONWEALTH GAS CORPORATION, Owner

By W. S. Gravely, Land & Eng. Dept.  
(Title)