

~~1.94 S. 1.86-S~~  
~~2.08 W. 1.98-W~~

**CERTIFICATE**

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."  
 Minimum degree of accuracy is one part in 200

Signed W. J. [Signature] SURVEYOR

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

9 NC (H-52) N.B. No. 92 Pg. 61

COMPANY	COMMONWEALTH GAS CORPORATION		
ADDRESS	P.O. BOX 1433 CHARLESTON, W.VA.		
FARM	OLLIE WENDELL ET AL		
MAP	OV 25	ACRES 85	LEASE NO. 2203
WELL (FARM) NO.	1	SERIAL NO.	732
ELEVATION (SPIRIT LEVEL)	602.9'		
QUADRANGLE	RIPLEY-S.W.		
COUNTY	JACKSON	DISTRICT	RIPLEY
POINT OF PROVEN ELEVATION	U.S. COAST & GEODETIC BM No. J-107 (Elev. 602.9') Southwest Bridge Abutment - U.S. No. 33 over Mill Creek.		
FILE NO.	DRAWING NO.		
DATE	SEPTEMBER 1, 1964 SCALE 1" = 660'		

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE No. JAC-1075

+ 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.

No samples 6-6 (192) Deep Well



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 16

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Ripley S. W.

WELL RECORD

Permit No. Jac. 1075

Oil or Gas Well \_\_\_\_\_ (KIND)

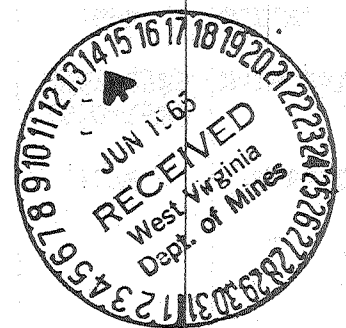
Company Commonwealth Gas Corporation  
Address P. O. Box 1433, Charleston, W. Va.  
Farm Ollie Wendell et al Acres \_\_\_\_\_  
Location (waters) Big Mill Creek  
Well No. 732 Elev. 602.91  
District Ripley County Jackson  
The surface of tract is owned in fee by R. H. Stalnaker  
Address Ripley, W. Va.  
Mineral rights are owned by Ollie Wendell et al  
Address Ripley, W. Va.  
Drilling commenced December 8, 1964  
Drilling completed April 10, 1965  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume 5,400,000 Cu. Ft.  
Rock Pressure 1490 lbs. 72 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	51'8"	51'8"	None
18	58'13"	58'13"	
10	94'9 3/4"	-	Size of _____
8 3/4	1935'7"	1935'7"	Depth set _____
6 3/4	4694'3"	4694'3"	
5 3/16	-	-	Perf. top _____ Perf. bottom _____
4-1/2"	4850'	4850'	
2	-	-	Perf. top _____ Perf. bottom _____
Liners Used			

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
10 bags cement behind the 8" casing. 28 bags cement behind the 4-1/2" casing  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT April 9, 1965 with 18,942 gal water and 29,000# sand  
ROCK PRESSURE AFTER TREATMENT 499,000 cu. ft. natural 5,400,000 cu. ft. after treat.  
Fresh Water 55, 145, 1176 Feet Salt Water 1510-20 1563-83 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	3			
Red clay			3	15			
Blue mud			15	55	Water	55	
Red mud			55	80			
Blue mud			89	100			
Sand			100	150	Water	145	Hole full
Blue mud			150	160			
Red mud			160	168			
Blue mud			168	185			
Red rock			185	200			
Blue mud			200	230			
Red rock			230	255			
Blue mud			255	305			
Red mud			305	320			
Blue mud			320	342			
Red mud			342	370			
Blue mud			370	436			
Red mud			436	445			
Blue mud			445	506			
Sand			506	515			
Blue mud			515	561			
Red mud			561	579			
Blue mud			579	590			
Red mud			590	605			
Blue mud			605	618			
Sand			618	635			
Red rock			635	658			
Blue mud			658	750			
Red rock			750	775			



Formation	Color	Hard or Soft	Top / 16	Bottom	Oil, Gas or Water	Depth Found	Remarks
Blue slate & shells			775	1020			
Sand			1020	1045			
Blue slate			1045	1135			
Sand			1135	1165			
Blue slate			1165	1175			
Sand			1175	1335	Water	1176	1/2 bailer per M
Blue slate			1335	1490			
<del>BLUE SLATE</del>			1490	1655	Water	1510-1520	
					Water	1563-1583	Hole full
<del>NARROW SAND</del>			1655	1684			
<del>SLATE</del>			1684	1800		1692	S.L.M.
<del>NARROW SAND</del>			1800	1835			
<del>NARROW SAND</del>			1835	1895	Gas		Show
Slate & shells			1895	1930			
Lime shell			1930	1945		1934	S.L.M.
Slate & shells			1945	2262			
Brown shale			2262	2280			
<del>BROWN SAND</del>			2280	2302		2283	S.L.M.
Slate & shells			2302	3485	Gas	2525	Show
BROWN SHALE			3485	3585			
Slate & shells			3585	3622			
Hard shell			3622	3635	Gas	3630	Show
Slate & shells			3635	3755		3900	14,000 cu. ft.
BROWN SHALE			3755	3865			
Slate & shells			3865	3905			
BROWN SHALE			3905	4030			
Slate			4030	4420			
<del>BROWN SHALE</del>			4420	4680			
<del>BROWN SHALE</del>			4680	4793		4694	S.L.M.
NUMEROUS LIME - 463			4793	4824	Gas	4797	298,000 cu. ft.
<del>LIBRARY SAND</del>			4824	4831	Gas	4809-4813	469,000 cu. ft.
Sand & chert			4831	4845		4819	337,000 cu. ft.
Sand			4845	4850		4819-4821	377,000 cu. ft.
Lime						4821-4824	396,000 cu. ft.
						4824-4827	340,000 cu. ft.
						4827-4831	298,000 cu. ft.
						4831-4834	267,000 cu. ft.
						4834-4838	358,000 cu. ft.
						4838-4840	358,000 cu. ft.
						4840-4843	286,000 cu. ft.
						4843-4845	215,000 cu. ft.
						4845-4847	215,000 cu. ft.
						4847-4850	198,000 cu. ft.
Total Depth				4850			
(485)							
FINAL GAUGE: 5,400,000 cu. ft. after frac							

Date June 11 19 65

APPROVED COMMONWEALTH GAS CORPORATION Owner

By W.A. Smith

(Title) Land & Eng. Dept.