

7.5' loc 1.725 38 37 30  
 1.41 W 81 45  
 15' loc. 4.595 38 40  
 1.41 W 81 45

**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 *J.S. J. Lawrence* R.P.#2609

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY	COMMONWEALTH GAS CORPORATION		
ADDRESS	P.O. BOX 1483 CHARLESTON, W.VA.		
FARM	FRANK A. HARDY ETAL		
MAP	OV 22	ACRES	880
		LEASE NO.	2340
WELL (FARM) NO.	/	SERIAL NO.	765
ELEVATION (SPIRIT LEVEL)	838.70'		
QUADRANGLE	WINFIELD S.E.		
COUNTY	PUTNAM	DISTRICT	UNION
POINT OF PROVEN ELEVATION	U.S. G. S. DATUM - ROAD INTERSECTION		
	NEAR OKLAHOMA SCHOOL (Elev. 1016) SEE BANCROFT 1:2400 TOPO SHEET		
FILE NO.	DRAWING NO.		
DATE	NOV. 9, 1967	SCALE	1" = 1000'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. <b>PUT-738-P</b>
+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,800. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.
- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Winf.

Permit No. Put. 738

**WELL RECORD**

Oil or Gas Well Dry Hole  
(NINE)

Company Commonwealth Gas Corporation  
Address P.O. Box 1433, Charleston, W. Va. 25325  
Farm Frank A. Hardy, et al Acres 880  
Location (waters) Sigmon Fork  
Well No. 765 Elev. 838.78  
District Union County Putnam  
The surface of tract is owned in fee by H. I. Beatty  
Address Liberty, W. Va.  
Mineral rights are owned by Frank A. Hardy, et al  
Kanawha Valley Bank Address Charleston, W. Va.

Drilling commenced 11-8-67  
Drilling completed 12-12-67  
Date Shot From To  
With  
Open Flow /10ths Water in Inch  
/10ths Merc. in Inch  
Volume Cu. Ft.  
Rock Pressure lbs. 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			
12	105'	105'	
8 9"	207 1/2'	207 1/2'	Size of
8 1/4"			
8 1/4" 7"	5598'	5598'	Depth set
5 3/16"			
3"			Perf. top
2"			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

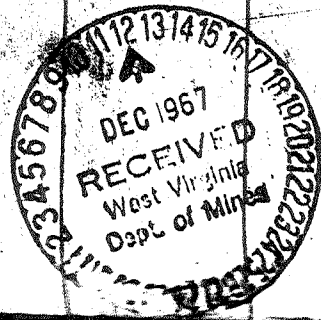
CASING CEMENTED SIZE No. Ft. Date  
13" Cemented to top of hole, 75 bags behind the 9'  
COAL WAS ENCOUNTERED AT FEET INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

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
alt Sand			1594	1838			
ittle Lime			1869	1900			
ig Lime			1904	1980			
njun Sand			2016	2046			
erea Sand			2489	2497			
orniferous Lime			4855	4993			
riskany Sand			4993	4954			
ewburg Sand			5680	5694			
eefer Sand			5925	5976			
linton Sand			6390	6475			
			TOTAL DEPTH	6540			

- DRY HOLE - To be plugged & abandoned

expl log = 6540



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

<u>Frank A. Hardy, et al</u> COAL OPERATOR OR OWNER	<u>Commonwealth Gas Corporation</u> NAME OF WELL OPERATOR
<u>Kanawha Valley Bank, Charleston, W. Va.</u> ADDRESS	<u>P.O. Box 1433, Charleston, W. Va. 25325</u> COMPLETE ADDRESS
_____ COAL OPERATOR OR OWNER	<u>December 14,</u> 19 <u>67</u> WELL AND LOCATION
_____ ADDRESS	<u>Union</u> District
_____ LEASE OR PROPERTY OWNER	<u>Putnam</u> County
_____ ADDRESS	Well No. <u>765</u>
	<u>Frank A. Hardy, et al</u> Farm
STATE INSPECTOR SUPERVISING PLUGGING	<u>Kenneth Butcher</u>

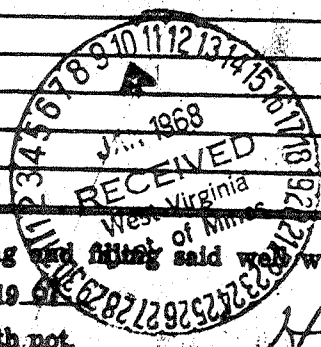
AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Putnam } ss:

Howary May and Loyd King  
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Commonwealth Gas Corporation, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 12th day of December, 19 67, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSS PULLED	CSS LEFT IN
Clinton Sand	Aquagel 654-6360; Cement 6360-6330; Jell 6330-5895; Cement 5895-5870; Jell 5870-5650; Cement 5650-5625; Jell 5625-5598 & 5103; Cement 5103-5093; Jell 5093-4963; Cement 4963-4933; Jell 4933-2459; Cement 2459-2429; Jell 2429-1855; Cement 1855-1830; Jell 1830-1564; Cement 1564-1534; Aquagel 1534-115; Cement Plug 115-100; Aquagel 100-10; Cement 10-0.	Cement Cement Cement " " Cement Cement Cement Cement	7" 5080'	506'
		Cement	9-5/8" 1650'	424'
			13" casing	105'
COAL SEAMS			DESCRIPTION OF MONUMENT	
(NAME) <u>None</u>			<u>6-5/8" casing cemented in 13" casing 30' above Well No., Company and date.</u>	
(NAME) <u>"</u>				
(NAME) <u>"</u>				
(NAME) <u>"</u>				



and that the work of plugging and filling said well was completed on the 14th day of December, 19 67

And further deponents saith not.

Sworn to and subscribed before me this 14th day of Dec., 19 67

My commission expires

VERNON S. JIVI  
My Commission expires

Howard May ✓  
Loyd King ✓  
Deputy

Per

Public.  
No. 738