



CERTIFICATE

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

"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 William D. Gandy L.S. No. 116

N.B. 107 pg. 1

COMPANY	COMMONWEALTH GAS CORPORATION		
ADDRESS	P.O. Box 1433 CHARLESTON, W.VA. 25325		
FARM	K.H. ARMENTROUT ET AL.		
MAP	OV-27	ACRES	264± Unit
WELL (FARM) NO.	1	SERIAL NO.	801
ELEVATION (SPIRIT LEVEL)	790.3		
QUADRANGLE	RIPLEY WV WC		
COUNTY	JACKSON	DISTRICT	RAVENSWOOD
POINT OF PROVEN ELEVATION	U.S.G.S. Datum - 1-77-3(45)140		
TOP PAVEMENT STA.	2446+00 Elev. 645.65'		
FILE NO.	DRAWING NO.		
DATE	JUNE 8 1970		
	SCALE 1" = 660'		

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. JAC-1216
+ 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 Ripley 311

Deep Well (Newburg)

JUN 19 1970



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Ripley

WELL RECORD

Oil or Gas Well Gas
(KIND)

Permit No. Jac-1216

Company Commonwealth Gas Corporation
Address P.O. Box 1133, Charleston, W. Va.
Farm K. H. Armentrout, Et al Acres 264 Unit
Location (waters) Crooked Fork
Well No. 1 (Serial No. 801) Elev. 790.5
District Ravenswood County Jackson
The surface of tract is owned in fee by Wayne McCarthy
Address Martins Branch, W. Va.
Mineral rights are owned by K. H. Armentrout
Rt. 3, Box 65 Address Ripley, W. Va. 25271
Drilling commenced 6/24/70
Drilling completed 7/15/70
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	119.60	119.60	
9-5/8"	2452.39	2452.39	Size of
8 1/4			
7"	5457	5457	Depth set
5 3/16			
3			Perf. top
2	5508	5508	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 50,000 MCF Cu. Ft.
Rock Pressure _____ lbs. hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
13-3/8" cemented to top-500 Bags behind 9-5/8"
Csg. -50 Bags behind 7" Csg.
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

WELL FRACTURED 7/22/70 30,000# Sand 600 Bbls. Water
RESULT AFTER TREATMENT 150,000 MCF Newburg 150,000,000
ROCK PRESSURE AFTER TREATMENT 1973# 48 Hrs.
Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Clay		Hard	0	28	Water	340	
Blue Slat			28	150			
Red Rock			150	340			
Sand			340	350			
Shale			350	560			
Sand			560	760			
Gray Shale			760	832			
Sand			832	925			
Dark Shale			925	950			
Sand			950	1120			
Shale			1120	1140			
Sand			1140	1174			
Shale			1174	1355			
Sand			1355	1395			
Shale			1395	1420			
Sand			1420	1452			
Shale			1452	1490			
Lime - <u>Big line</u>			1490	1710			
✓ Injun			1710	1972			
✓ Squaw Sand			1972	2025			
Shale		2025	2080				
Shale		2080	2420				
✓ Berea		2420	2430				
Shale		2430	2675				
Shale-Slate		2675	4660				
✓ Marcella Shale - <u>455</u>		4660	4680				
✓ K. Lime - <u>Huntersville - 463</u>		4680	4798				
✓ Oriskany		4798	4808				

RECEIVED
JAN 7 1971
OIL & GAS DIVISION
DEPT. OF MINES

(over)

JAN 18 1971

