



2,95-5
~~2,96-5~~
~~0,07-W~~
 0,05-W
 Topo
 Loc.

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 William D. Gandy L.L.S. #116

NB. 108 Pg. 69-70

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY <u>COMMONWEALTH GAS CORPORATION</u>	
ADDRESS <u>BOX 1433 CHARLESTON, W.VA.</u>	
FARM <u>ROY D. KNAPP</u>	
MAP <u>OV 26</u> ACRES <u>250 (UNIT)</u>	LEASE NO <u>2578</u>
WELL (FARM) NO <u>1</u>	SERIAL NO <u>809</u>
ELEVATION (SPIRIT LEVEL) <u>877.19</u>	
QUADRANGLE <u>RAVENSWOOD N-E-EC</u>	
COUNTY <u>JACKSON</u>	DISTRICT <u>UNION</u>
POINT OF PROVEN ELEVATION <u>USCG DATA ELEV. ROAD INTERSECTION TO KNAPP FARM ROAD EL. 914</u>	
F. F. NO. <u>SEPT. 17, 1970</u>	DRAWING NO. <u>1" = 660'</u>
DATE	SCALE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO JAC-1240

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1" TO 67,500'. LATITUDE AND LONGITUDE COORDINATES BEING REPRESENTED BY BORDER LINES AS SHOWN.
 DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

6-6 Ripley 311

Deep Well (Newburg)
 OCT 12 1970



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Ravenswood N.E.

Permit No. JAC-1240

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Commonwealth Gas Corporation
Address P.O. Box 1433, Charleston, W.Va. 25325
Farm Roy D. Knapp Acres 250 Unit
Location (waters) Crooked Fork
Well No. 809 Elev. 877.19
District Union County Jackson

The surface of tract is owned in fee by Roy D. Kanpp
3009 Riverview Drive Address Shrewsbury, W.Va.

Mineral rights are owned by Same
Address Same

Drilling commenced October 13, 1970
Drilling completed November 3, 1970

Date Shot _____ From _____ To _____
With _____

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch

Volume 30,000,000 (Natural) Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED _____
WELL FRACTURED November 17, 1970 from 5596 to 5606 with 30,000# sand and 450 Bbls. water

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13-3/8"	146'3"	146'3"	
9-5/8"	2115'	2115'	Size of
8 1/4"			
7"	5568'	5568'	Depth set
5 3/16"			
3"			Perf. top <u>PSI Nipple</u>
2-3/8"	5611'3"	5611'3"	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
150 Bags behind 13-3/8" Csg. 450 Bags behind 9-5/8" Csg. 50 Bags behind 7" Csg.

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

RESULT AFTER TREATMENT 61,000,000 cu. ft. (Newburg) 61,000 MCFGPD
ROCK PRESSURE AFTER TREATMENT 1402# 48 Hrs.
Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Clay			0	25			
Red Rock			25	45			
Sand & Shale			45	155			
Red Rock			155	445			
Sand & Shale			445	1871			
Big Lime			1871	2020			
Sand & Shale			2020	2255			
Shale			2255	4775			
Corniferous Lime -463			4775	4868			
Oriskany Sand			4868	4896			
Lime -HELDERBERG & SALINA			4896	5596			
Newburg Sand			5596	5606			
Lime McKenzie			5606	5622	Gas		30,000,000 cu.ft Natural
			TOTAL DEPTH	5622			
				545			
					FINAL GAUGE		
						61,000,000 cu. ft.	
							FEB 1 1971

(over)

FEB 22 1971