



- 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 A. Smully L.L.S. # 115

COMPANY	COMMONWEALTH GAS CORPORATION		
ADDRESS	P.O. BOX 1433 CHARLESTON, W.VA. 25325		
FARM	JAMES L. SHIVELY ET AL		
MAP	OV-28	ACRES	250 UNIT LEASE NO. 3224
WELL (FARM) NO.	1	SERIAL NO.	824
ELEVATION (SPIRIT LEVEL)	917.9		
QUADRANGLE	RAVENSWOOD N.E. EC		
COUNTY	JACKSON	DISTRICT	UNION
POINT OF PROVEN ELEVATION	U.S.G.S. DATA POINT top knob shown above Elev. 916		
FILE NO.	DRAWING NO.		
DATE	MAY 7 1971 SCALE 1" = 660'		

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. Jac-10277

⊕ 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.



SEP 8 1971

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

G. NOLL

Quadrangle Ravenswood

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Commonwealth Gas Corporation
Address P.O. Box 1433, Charleston, W.Va. 25325
Farm James L. Shively, et al Acres 250 Unit
Location (waters) Cedar Run
Well No. 824 Elev. 916
District Union County Jackson
The surface of tract is owned in fee by James L. Shively,
1322 Colonial Ave., Anaheim, Calif.
Mineral rights are owned by Same

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	160'	160'	
9-5/8"	2197'	2197'	Size of
8 1/4"			
7"	5331'	5331'	Depth set
5 3/16"			
3"			Perf. top
2"	5333'	5333'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced 5/29/71
Drilling completed 6/15/71

Date Shot _____ From _____ To _____
With _____

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

Volume 20,000 MCF Cu. Ft.

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

WELL ACIDIZED _____
WELL FRACTURED 30,000# Sand 750 bbl. Fluid

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date
150 Sk. 13"; 450 Sk. 9"; 100 Sk. 7"
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

RESULT AFTER TREATMENT 44,500 MCF
ROCK PRESSURE AFTER TREATMENT 1508# in 22 Hrs.

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Base			0	15			
Red Rock			15	17			
Shale	Gray	S	17	25			
Sand			25	35			
Red Rock		S	35	40			
Soap Stone		S	40	45			
Sand		H	45	55			
Sand & Shale		Med.	55	80			
Shale	Red	S	80	139			
Shale	Red rock	H	139	195			
Shale & Sand	Gray	S	195	485			
Shale	Brown	S	485	560			
Sand	White	Med.	560	590			
Shale	Gray	S	590	705			
Sand	Gray	Med.	705	735			
Shale	Blue	Med.	735	840			
Shale	Brown	Med.	840	1025			
Shale	Gray	Med.	1025	1140			
Shale	Br. Blue	Med.	1140	1245			
Sand	White	H	1245	1280			
Sand & Shale	Br. White	Med.	1280	1610			
Lime & Shale	Br. White	H	1610	1975			
Sand- <u>Iron</u>			1975	2070			
Shale	Gray	Med.	2070	2185			
Shale	Black- <u>?</u>	S	2185	4590			
Lime- <u>463</u>	White	Med.	4590	4664			
Oriskany			4664	4674			
Shale (<u>HELDERBERG & SALINA</u>)			4674	5346			
Newburg			5346	5354			
TD				5354			

(over)

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