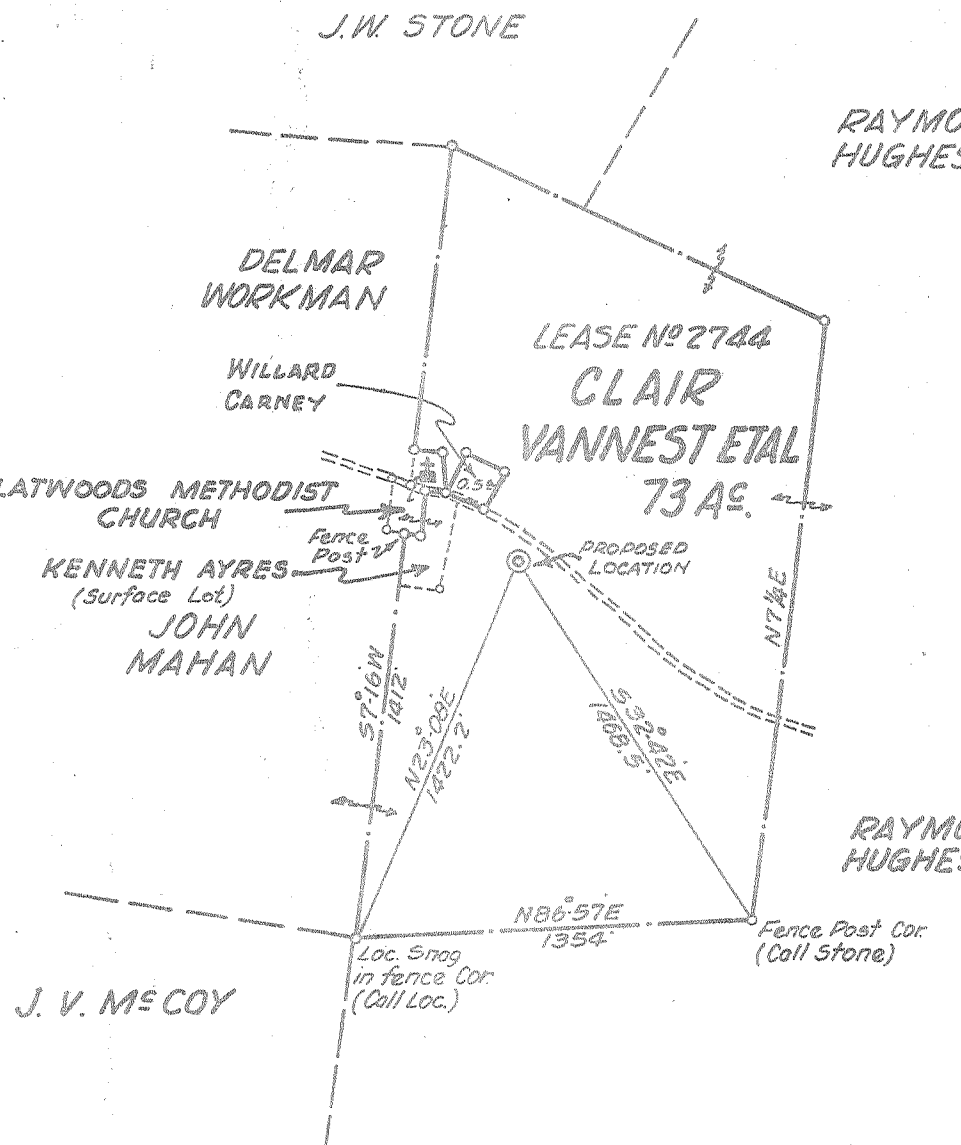


LONGITUDE 81° 45'

9
2.65-S
~~2.74~~
1.34-W
7



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. A. [Signature] L.L.S. No. 116

N.B. 110 pg. 11-13

COMPANY	COMMONWEALTH GAS CORPORATION		
ADDRESS	P.O. BOX 1233 CHARLESTON, W. VA.		
FARM	CLAIR VANNEST ETAL		
MAP	OV-28	ACRES 260.7 Unit	LEASE NO. 2744
WELL (FARM) NO.	1	SERIAL NO.	820
ELEVATION (SPIRIT LEVEL)	710.7'		
QUADRANGLE	RAVENSWOOD EC		
COUNTY	JACKSON	DISTRICT	UNION
POINT OF PROVEN ELEVATION	U.S.G.S. data at Intersection		
	W.Va. Sec. Rt. 18 1/4 with W.Va. Sec. Rt. 18 1/2. Elev. 805		
FILE NO.	DRAWING NO.		
DATE	MAR 5, 1971		
	SCALE 1" = 660'		

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP

FILE NO. JAC-1266

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS SCALE 1 TO 62 500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BOLDEN LINES AS SHOWN.
- DENOTES ONE INCH SPACES ON BORDER LINES OF ORIGINAL TRACING

D 6-6 Ripley 311

Deep Well (Newburg)

MAR 29 1971



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Ravenswood

Permit No. Jac-1266

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company COMMONWEALTH GAS CORPORATION
Address P.O. Box 1433, Charleston, W.Va. 25325
Farm Clair Vannest, et al Acres 260.7 Unit
Location (waters) Crooked Fork
Well No. 820 Elev. 710.7
District Union County Jackson
The surface of tract is owned in fee by Clair Vannest
Rt. 1, Box 50 Address Ravenswood, W.Va.
Mineral rights are owned by Same, et al
Address _____
Drilling commenced April 21, 1971
Drilling completed May 5, 1971
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 20,000,000 Natural Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED from 5252' to 5261' with 700 bbls. water and 28,000 lbs. sand

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 - 3/8"	160'11"	160'11"	
9-5/8"	2039'	2039'	Size of
8 1/4"			
7"	5225'	5225'	Depth set
5 3/16"			
3"			Perf. top
2"	5248'	5248'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
150 bags behind the 13"; 450 bags behind the 9-5/8"
100 bags behind the 7"
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT 61,000,000 cubic feet 61,000 MCFBPD Newburg
ROCK PRESSURE AFTER TREATMENT _____
Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Base (Kelly)			0	14			
Soil			14	17			
Shale			17	20			
Sand			20	150			
Sand & Shale			150	1000			
Shale			1000	1400			
Sand <u>SALT SAND?</u>			1400	1635	4474	4564	4576
Shale			1635	1665	724	724	724
<u>Big Line</u>			1665	1792	3750	3840	3852
Break			1792	1826			
<u>Big Injun</u>			1826	1950			
Sand & Shale			1950	2276			
<u>Berea Sand</u>			2276	2279			
<u>Line</u>			2279	4474			
<u>Onondaga - 463</u>			4474	4564			
<u>Oriskany</u>			4564	4576			
<u>Line - HELD. & SALINA</u>			4576	5252			
<u>Newburg Sand</u>			5252	5259	Gas	5252-5261'	20,000,000 cu. ft. natural
<u>Line McKenzie</u>			5259	5277			
				545			
			TOTAL DEPTH	5277 (log)			

RECEIVED
JUN 23 1971