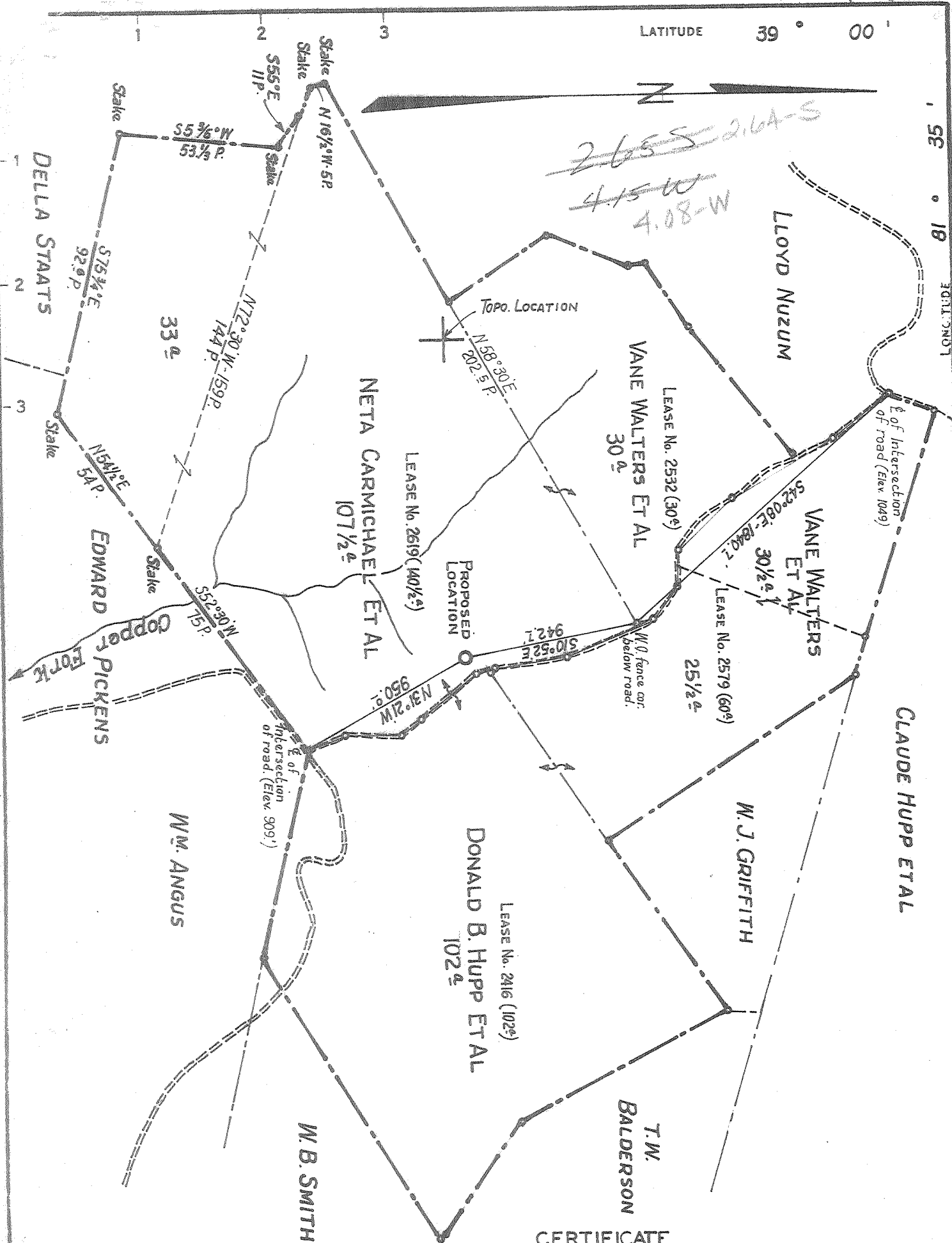


LATITUDE 39 00

LONGITUDE 81 55 18



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

(W.S.G. - N.B. No. 95 Pg. 59)

Signed [Signature] R.P.E. # 2024

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY	COMMONWEALTH GAS CORPORATION		
ADDRESS	P.O. BOX 1433 CHARLESTON, W.VA. 25325		
FARM	NETA CARMICHAEL ET AL		
MAP	OV 27	ACRES 332.5	UNIT LEASE NO. SEE ABOVE
WELL (FARM) NO.	1	SERIAL NO.	751
ELEVATION (SPIRIT LEVEL)	973.5 (GROUND)		
QUADRANGLE	RIPLEY NEW NC		
COUNTY	JACKSON	DISTRICT	RAVENSWOOD
POINT OF PROVEN ELEVATION	U.S.G.S. DATA (SEE ABOVE)		
FILE NO.	DRAWING NO.		
DATE	JULY 18, 1966		
	SCALE 1" = 660'		

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

File No. JAC-1127
Issued Plugging Permit 10-21-66

+ 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.

DEEP WELL

(192)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Ripley N. W.

Permit No. Jac. 1127

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company Commonwealth Gas Corporation
Address P.O. Box 1433, Charleston, W.Va. 25325
Farm Neta Carmichael et al Acres 332.5a
Location (waters) Copper Fork
Well No. 751 Elev. 973.5
District Ravenswood County Jackson
The surface of tract is owned in fee by Neta Carmichael et al
701 Main Street Address Belpre, Ohio
Mineral rights are owned by same
Address same
Drilling commenced August 19, 1966
Drilling completed September 6, 1966
Date Shot From To
With

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13		95'	95'
10			Size of
8 1/4			Depth set
6 1/2 7" O.D.	2600	2600	
5 1/2 4 1/2"	5037	5037	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date
50 bags cement behind the 7" casing - 115 bags
cement behind the 4 1/2" casing
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

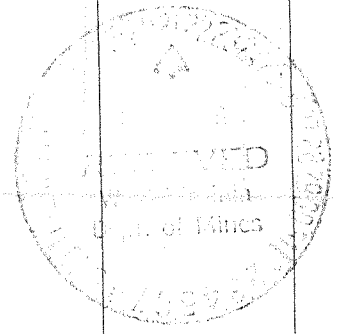
WELL FRACTURED September 15, 1966 4978 to 4984 with 500 gallons and 19,000 lbs. sand

RESULT AFTER TREATMENT Dry Hole

ROCK PRESSURE AFTER TREATMENT

Fresh Water 530' Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock & Shale			0	17			
Shale & Sand			17	112			
Shale & Lime			112	240			
Shale & Red Rock			240	256			
Shale & Sand			256	325			
Red Rock			325	333			
Sand & Shale			333	458			
Red Rock			458	485			
Shale & Lime			485	540	Water	530	
Sand & Shale			540	908			
Shale			908	957			
Sand			957	1001			
Shale & Sand			1001	1475			
Sand			1475	1589			
Sand & Shale			1589	1791			
<u>SALT SAND & MAXTON</u>			1791	1991			
<u>BIG LIME</u>			1991	2100			
Sand - <u>Iron</u>			2100	2161			
Shale-Sand Lime Shell			2161	2282			
Shale & Lime			2282	2403			
Shale & Sand			2403	2487			
<u>BEREA SAND</u>			2487	2493			
Shaley Lime & Sand			2493	2543			
Shale & Sand			2543	2600			
Shale			2600	2805			
Sand & Shale			2805	4486			
<u>BROWN SHALE</u>			4486	4838			
Shale & Sand			4838	4857			
Sand			4857	4870			
<u>CORNIFEROUS LIME</u> - <u>Alc</u>			4870	4977			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
ORISKANY SAND			4977	4994			
Chert & Dolomite	Hollerberg		4994	5602	Gas	5540	Show
Sand & Chert			5602	5632		$\frac{970}{4977}$	
Sand			5632	5644			
Sand & Chert			5644	5685			
Line Chert			5685	5722			
NEWBURG			5722	5739			
Line Chert	McKenzie		5739	5891	Gas	5875	Very slight odor
			Total Depth	5891	(595) 0	$\frac{970}{4977}$	

Note: This well was plugged back to the Oriskany Sand and Oriskany Sand was fractured with no results. (See Partial Plugging Permit No. Jac. 1127 P.)

Date October 19, 19 66

APPROVED COMMONWEALTH GAS CORPORATION, Owner

By W. S. Gravely, Land & Eng. Dept.
(Title)