

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 A. Barney 10/26/69

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

8-21-69 N.B. 105 Pg. 15

COMPANY	<u>COMMONWEALTH GAS CORPORATION</u>		
ADDRESS	<u>P.O. BOX 1433 CHARLESTON W.VA. 25325</u>		
ARM	<u>FRANK A. HARDY ET AL</u>		
AP	<u>OV 22</u>	ACRES	<u>1401</u>
LEASE NO.	<u>2343</u>		
TRACT (FARM) NO.	<u>4</u>	SERIAL NO.	<u>786</u>
ELEVATION (SPIRIT LEVEL)	<u>702.25</u>		
COUNTY	<u>WINFIELD S.E.</u>		
CITY	<u>PUTNAM</u>	DISTRICT	<u>UNION</u>
POINT OF PROVEN ELEVATION	<u>Intersection of Painters Fork Road</u>		
	<u>Branch Elev. 693 N.E. Cor. Bancroft Quad - U.S.G.S data</u>		
DATE	<u>JULY 31 1969</u>		
DRAWING NO.	<u>SCALE 1" = 660'</u>		

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

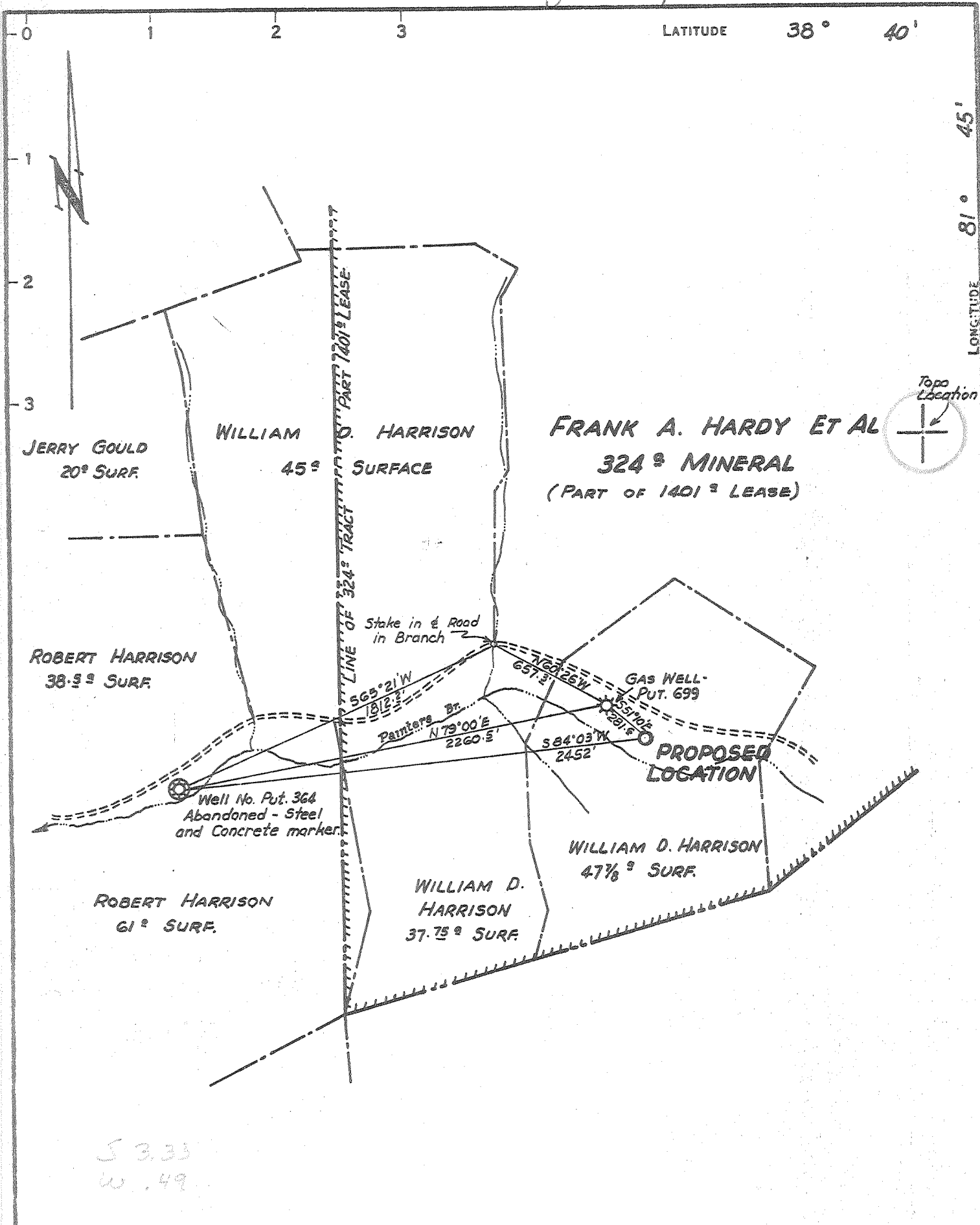
FILE NO. PUT-762-P

+ 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 2 1969

Deep Well (Newbu...)



53.33
W. 49

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Signed [Signature] R.P.E. 2024

N.B. 105 Pg. 15

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY	COMMONWEALTH GAS CORPORATION		
ADDRESS	P.O. BOX 1433 CHARLESTON W.VA. 25325		
FARM	FRANK A. HARDY ET AL		
MAP	OV 22	ACRES 1401	LEASE NO. 2343
WELL (FARM) NO.	4	SERIAL NO.	786
ELEVATION (SPIRIT LEVEL)	702.25		
QUADRANGLE	WINFIELD S.E. EC		
COUNTY	PUTNAM	DISTRICT	UNION
POINT OF PROVEN ELEVATION	Intersection of Painters Fork Road with Branch Elev. 693 N.E. Cor. Bancroft Quad - U.S.G.S data		
FILE NO.	DRAWING NO.		
DATE	JULY 31 1969		
	SCALE 1" = 660'		

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE No. PUT-762

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Winfield S.E.
Permit No. FUT. 762

WELL RECORD

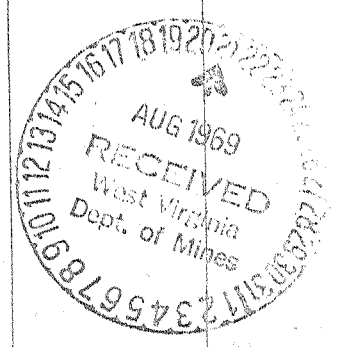
Oil or Gas Well Dry
(KIND)

Company <u>Commonwealth Gas Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>P. O. Box 1433, Charleston, W. Va. 25325</u>	Size			
Farm <u>Frank A. Hardy et al</u> Acres <u>1401</u>	16. <u>20"</u>	<u>17'</u>	<u>17'</u>	Kind of Packer
Location (waters) <u>Painters Branch</u>	13. <u>217'</u>	<u>217'</u>		
Well No. <u>7896</u> Elev. <u>702.25 gr</u>	10. <u>9-5/8"</u>	<u>2046'</u>		Size of
District <u>Union</u> County <u>Putnam</u>	8 1/2. <u>7"</u>	<u>1920'</u>		Depth set
The surface of tract is owned in fee by <u>William D. Harrison</u> Address <u>Liberty, W. Va.</u>	5.3/16			Perf. top
Mineral rights are owned by <u>Frank A. Hardy et al</u> Address <u>Rupert Route Lewisburg, W. Va.</u>	3			Perf. bottom
Drilling commenced <u>August 4, 1969</u>	2			Perf. top
Drilling completed <u>August 21, 1969</u>	Liners Used			Perf. bottom
Date Shot <u>---</u> From <u>---</u> To <u>---</u>				
With <u>---</u>				
Open Flow <u>---</u> /10ths Water in <u>---</u> Inch				
<u>---</u> /10ths Merc. in <u>---</u> Inch				
Volume <u>---</u> Cu. Ft.				
Rock Pressure <u>---</u> lbs. <u>---</u> hrs.				
Oil <u>---</u> bbls., 1st 24 hrs.				
WELL ACIDIZED <u>---</u>				
WELL FRACTURED <u>---</u>				

CASING CEMENTED --- SIZE --- No. Ft. --- Date ---
35 sacks behind the 7", 220 sacks behind the 9-5/8"
COAL WAS ENCOUNTERED AT --- FEET --- INCHES
--- FEET --- INCHES --- FEET --- INCHES
--- FEET --- INCHES --- FEET --- INCHES

RESULT AFTER TREATMENT ---
ROCK PRESSURE AFTER TREATMENT ---
Fresh Water --- Feet --- Salt Water --- Feet ---

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Salt Sand			1470	1687			
Little Lime			1687	1707			
Big Lime			1707	1850			
Big Injun Sand			1867	1942			
Berea Sand			2360	2372			
Corniferous			4741	4832			
Oriskany			4832	4845			
Newburg			5584	5594			
		Total Depth	<u>McKenzie</u>	5655			
				<u>545</u>			
					5584	5584	
					4832	702	
					752	4882	



(over)