



ACCURACY: 1P / 200P

Source of Elevation CEMETERY ENTRANCE (833')

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

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.

Chet Waterman

Company	N.G. & DELTA BUSCH
Address	BROHARD, W. VA.
Farm	J.R. SHUMAN
Tract	Acres 40 Lease No.
Well (Farm) No.	1 Serial No.
Elevation (Spirit Level)	942'
Quadrangle	HARRISVILLE SW
County	WIRT District BURNING SPRINGS
Engineer	CHET WATERMAN
Engineer's Registration No.	3788
File No.	71003-442 Drawing No.
Date	10/23/71 Scale 1" = 20P

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

WELL LOCATION MAP
FILE NO. **WIRT-589-00**

⊕ 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.



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES OIL & GAS DIVISION
DEPT. OF MINES
Oil and Gas Division

WELL RECORD

Quadrangle Harrisville

DEEPENED

Permit No Wirt-589-DD

Rotary _____ Oil _____
Cable X Gas _____
Recycling _____ Comb. X
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company <u>N. G. & Delta Busch</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Brohard, W. Va. 26138</u>	Size			
Farm <u>J. R. Shuman</u> Acres <u>40</u>	20-16			
Location (waters) <u>Strait Creek</u>	Cond.			
Well No. <u>1</u> Elev. <u>942'</u>	13-10"			
District <u>Burning Springs</u> County <u>Wirt</u>	9 5/8			
The surface of tract is owned in fee by <u>Dorey Wilson</u>	8 5/8			
Address <u>XXXXXX Manday, W. Va. 26152</u>	7	1576'	1576'	
Mineral rights are owned by <u>N. W. Haughton*AL</u>	1/2	2073'	2073'	
H. N. Barnett Address <u>1905 Market ST. Parkersburg</u>	4 1/2			
Drilling Commenced <u>February 1, 1972</u>	3			
Drilling Completed <u>February 15, 1972</u>	2	<u>XXXX</u>	2070	
Initial open flow <u>18/10 W. 1/2" O.F. 9</u> bbls.	Liners Used			
Final production <u>40/10 W.O.F. per day 5</u> bbls.				
Well open <u>24hrs</u> hrs. before test <u>530#</u> RP.				

Well treatment details: Deepened Attach copy of cementing record.
Well Drilled to 2082' in 7" hole 5 1/2" casing Run to 2073' Cemented with
45 bags Cement 2-17-72 650' Logged 2-16-72
Tracked by Dowell 2-21-72 800 BBL Water 30,000# Sand 20-40 1200gal Acid
Well Was deepened From 1827' to 2082' 20Gal Fre Flo 10Gal F-52 Foaming Agent

McF 267,000 gal 5 oil

Coal was encountered at _____ feet _____ Inches
Fresh water _____ Feet Salt Water _____ Feet
Producing Sand Injun 1938-2008 Squaw 2018-2037 Depth Injun 70' Squaw 19'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Maxin Sand		Hard	1827	1872		
Big Lime		Hard	1872	1938		
Injun Sand		Good	1938	2008	gas 18/10 W. 1/2" O.F.	
Slate		Soft	2008	2017		
Squaw Sand		Not to Hard	2017	2037	Shew Oil	
Slate & Shells			2037	2082		
Total Depth				2082		

2082
1827
255 new footage

Well Completed
3-3-72

(over)

* Indicates Electric Log tops in the remarks section.