



**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 J. B. Shuck, P.E. 4596

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY STONESTREET LANDS CO.  
 ADDRESS Box 350 SPENCER W.Va.  
 FARM Virgie BONNETT  
 MAP \_\_\_\_\_ ACRES 51 LEASE NO. 779  
 WELL (FARM) NO. ONE SERIAL NO. \_\_\_\_\_  
 ELEVATION (SPIRIT LEVEL) 917'  
 QUADRANGLE Holbrook SE  
 COUNTY Gilmer DISTRICT Troy  
 POINT OF PROVEN ELEVATION Springston School E 738'  
 FILE NO. \_\_\_\_\_ DRAWING NO. \_\_\_\_\_  
 DATE 9-2-76 SCALE 1" = 500'

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

**WELL LOCATION MAP**

FILE NO. GIL-2725  
47-021

+ 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**  
**WELL RECORD 5**

**RECORDED**

001 20 1976

Quadrangle Holbrook  
Permit No. Gil-2725

Rotary  Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas   
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Company Stonestreet Lands Company  
Address Box 350 Spencer, W. Va.  
Farm Virgie Bonnett Acres 51  
Location (waters) Leading Creek  
Well No. #1 Elev. 917'  
District Troy County Gilmer  
The surface of tract is owned in fee by Virgie Bonnett  
Address Troy, W. Va.  
Mineral rights are owned by Virgie Bonnett  
Address Troy, W. Va.  
Drilling Commenced 9-3-76  
Drilling Completed 9-6-76  
Initial open flow 40,000 cu. ft. \_\_\_\_\_ bbls.  
Final production 680,000 cu. ft. per day \_\_\_\_\_ bbls.  
Well open 24 hrs. before test 660 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			cement to surface
Cond. 13-10"			
9 5/8			
8 5/8	220'	220'	
7			
5 1/2			
4 1/2	2084'	2084'	
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.  
1 stage - 500 bbl. water, 500 gal. 15% HCL acid. 30,000 lbs. 20/40 sand.

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water 60 Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand WEIR Depth 1920' - 2000'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0.	45		
Red Rock			45	90		
Sand			90	115		
Slate			115	150		
Sand			150	180		
Red Rock			180	220		
Slate			220	265		
Sand			265	300		
Red Rock			300	350		
Slate			350	405		
Sand			405	460		
Red Rock			460	525		
Lime Shell			525	575		
Slate & Lime			575	640		
Slate & Shells			640	710		
Sand			710	780		
Slate & Shells			780	865		
Sand			865	945		
Lime			945	1005		
Sand			1005	1090		
Slate & Shells			1090	1165		
Sand			1165	1230		
Slate & Shells			1230	1285		

(over)

\* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet $\leq$	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			1285	1355		
Slate & Shells			1355	1400		
Lime			1400	1440		
Sand			1440	1525		
Red Rock			1525	1610		
Little Lime			1610	1650		
Blue Monday			1650	1660		
Big Lime			1660	1760		
Big Injun			1760	1825		
Shale			1825	1920		
Weir			1920	2030		
Shale			2030	2107		

Date October 14, 1976  
 APPROVED Larry T. Stonestreet Owner  
 By Katrina Haught  
 (Title)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

SEP 8 1976

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE September 3, 1976

Surface Owner Virgie Bonnett  
Address Troy, W. Va.  
Mineral Owner Virgie Bonnett  
Address Troy, W. Va.  
Coal Owner None  
Address \_\_\_\_\_  
Coal Operator None  
Address \_\_\_\_\_

Company Stonestreet Lands Company  
Address Box 350 Spencer, W. Va.  
Farm Virgie Bonnett Acres 51  
Location (waters) Leading Creek  
Well No. 1 Elevation 917'  
District Troy County Gilmer  
Quadrangle Holbrook

THIS PERMIT MUST BE POSTED AT THE WELL SITE

If provisions being in accordance with Chapter 22,  
of the W. Va. Code, the location is hereby approved  
for drilling. This permit shall expire if  
operations have not commenced by 1-3-77.

INSPECTOR  
TO BE NOTIFIED K. PAUL GOODNIGHT

ADDRESS SMITHVILLE, W. VA. 26178

PHONE 477-2455

[Signature]  
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated July 7, 1973 by Virgie Bonnett made to Union Drilling Inc. subsequently assigned by Stonestreet Lands Co. and recorded on the July day of July 1973, in Gilmer County, Book 273 Page 132

NEW WELL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

(Sign Name) [Signature]  
Well Operator

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND  
ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address  
of  
Well Operator

Box 350  
Street  
Spencer  
City or Town  
W. Va.  
State

\*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

GIL-2725

PERMIT NUMBER

"I have read and understand the reclamation requirements specified in Chapter 22, Article 4, Sec 3 and will carry out the specified requirements.  
Signed by Larry W. Stonestreet 47-021

THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO  DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME not known at this time NAME Larry V. Stonestreet  
 ADDRESS \_\_\_\_\_ ADDRESS Box 350 Spencer, W. Va.  
 TELEPHONE \_\_\_\_\_ TELEPHONE 927-2800  
 ESTIMATED DEPTH OF COMPLETED WELL: 2150' ROTARY  CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Big Injun  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS  COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	<u>215'</u>	<u>215'</u>	<u>cement to surface</u>
7			
5 1/2			
4 1/2	<u>2150'</u>	<u>2150'</u>	<u>75 sacks</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 90 FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS none \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? none \_\_\_\_\_ BY WHOM? \_\_\_\_\_

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

\_\_\_\_\_  
For Coal Company  
\_\_\_\_\_  
Official Title