



**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. S. Shuck, P.E. 4596

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY STONE STREET LANDS Co.  
 ADDRESS Box 350 SPENCER W.VA.  
 FARM WILLIE MUTEHELKNAUS / Swiger + Wright  
 MAP \_\_\_\_\_ ACRES 495 LEASE NO. \_\_\_\_\_  
 WELL (FARM) NO. TWO SERIAL NO. \_\_\_\_\_  
 ELEVATION (SPIRIT LEVEL) 1020'  
 QUADRANGLE CENTER POINT NW  
 COUNTY DODDRIDGE DISTRICT McLELLAN  
 POINT OF PROVEN ELEVATION ELKICK School EL: 761'  
 FILE NO. \_\_\_\_\_ DRAWING NO. \_\_\_\_\_  
 DATE 5-13-76 SCALE 1"=600'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
**FILE NO. DODD-1815**

+ 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. **47-017**  
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

2420 B.g.I."s" 6-6 Smithton-Flint-Sedalia (99) MAY 24 1976



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Center point

Permit No. Dodd-1815

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

Company Stonestreet Lands Company  
Address Box 350 Spencer, W. Va.  
Farm Willie Mutschelknaus Acres 495  
Location (waters) Laughtery Fork  
Well No. 2 Elev. 1020'  
District McClellan County Doddridge  
The surface of tract is owned in fee by Willie Mutschelknaus  
Address Salem, W. Va.  
Mineral rights are owned by Willie Mutschelknaus  
Address Salem, W. Va.  
Drilling Commenced June 7, 1976  
Drilling Completed June 11, 1976  
Initial open flow 49,000 cu. ft. \_\_\_\_\_ bbls.  
Final production 670,000 cu. ft. per day \_\_\_\_\_ bbls.  
Well open 24 hrs. before test 600 RF.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	758'	758'	cement to surface
7			
5 1/2			
4 1/2	2349'	2349'	100 sacks
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

2 stage - 500 bbl. water, 500 gal. 28% acid per zone.

670 MCF

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water 120 Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Big Injun Depth 2188' - 2198'; 2240' - 2255'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	10		
Red Rock			10	20		
Sand			20	40		
Slate			40	65		
Sand			65	75		
Red Rock			75	145		
Slate			145	230		
Sand			230	295		
Red Rock			295	310		
Slate			310	320		
Sand			320	340		
Red Rock			340	350		
Slate			350	390		
Red Rock			390	420		
Lime Shell			420	435		
Sand			435	520		
Slate & Lime			520	610		
Slate & Shells			610	625		
Red Rock			625	645		
Slate & Shells			645	695		
Sand			695	720		
Slate & Shells			720	785		
Sand			785	900		
Slate & Shells			900	930		

(over)

\* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Lime			930	1045		
Sand			1045	1150		
Slate & Shells			1150	1495		
Sand			1495	1515		
Slate & Shells			1515	1585		
Sand			1585	1675		
Slate & Shells			1675	1710		
Lime			1710	1825		
Sand			1825	1920		
Red Rock			1920	2000		
Slate			2000	2100		
Little Lime			2100	2160		
Blue Monday			2160	2175		
Big Lime			2175	2289		
Big Injun			2289	2346		
Shale			2346	2376		

2160  
 1020  
 1140  
 2289  
 1020  
 1269

Date 7-17, 1926

APPROVED \_\_\_\_\_, Owner

By Nelson Roberts  
(Title)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

MAY 17 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 May 17, 1976

Surface Owner Willie Mutechelknaus

Company Stonestreet Lands Company

Address Salem, West Virginia

Address Spencer, West Virginia

Mineral Owner Willie Mutechelknaus

Farm Willie Mutechelknaus 495

Address Salem, West Virginia

Location (waters) Laughery Fork

Coal Owner None

Well No. 2 Elevation 1020'

Address \_\_\_\_\_

District McClellan County Doddridge

Coal Operator None

Quadrangle Center Point

Address \_\_\_\_\_

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All 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 9-17-76.

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett

PH: 622-3871 ADDRESS Clarksburg, W. Va.

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 April 12 1976 by Clarence W. Mutechelknaus made to Stonestreet Lands Co. and recorded on the 16 day of April 1976 in Doddridge County, Book 101 Page 220

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.

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey  
P. O. Box 879  
Morgantown, W. Va. 26505

Very truly yours,

(Sign Name) L. V. Stonestreet

Well Operator

Address  
of  
Well Operator

P. O. Box 350

Street

Spencer,

City or Town

West Virginia

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

DODD-1815

PERMIT NUMBER

47-017

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 **L. V. Stonestreet** \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ ADDRESS **Spencer, West Virginia** \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_ TELEPHONE **927-2800** \_\_\_\_\_  
 ESTIMATED DEPTH OF COMPLETED WELL: **2420'** \_\_\_\_\_ 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	<b>270'</b>	<b>270'</b>	<b>Cement to surface.</b>
7			
5 1/2			
4 1/2	<b>2420'</b>	<b>2420'</b>	<b>70 sks.</b>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS **75** FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS **None** \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? **No** \_\_\_\_\_ 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