



- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

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 *[Signature]*

COMPANY STONE STREET LANDS CO.
 ADDRESS Box 350 SPENCER W.VA.
 FARM PEARL VARNER
 MAP 150 ACRES 151 CLASS NO.
 WELL (FARM) NO. ONE SERIAL NO.
 ELEVATION (SPIRIT LEVEL) 875'
 QUADRANGLE HOLBROOK SE
 COUNTY GRANDE DISTRICT TROY
 POINT OF PROVEN ELEVATION D.M. Bridge at Troy E.L. 162'

FILE NO. 6-7-27-77
 DATE 7-27-77
 DRAWING NO. 47-021
 SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. **GIL-2891**

1 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 **47-021**
 -- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

JAN 16 1978

Oil and Gas Division

WELL RECORD

Quadrangle Holbrook

Permit No. Gil-2891

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

Company Stonestreet Lands Company
Address Box 350 Spencer, W.Va.
Farm Pearl Varner Acres 130
Location (waters) Little Cove Creek
Well No. 1 Elev. 875'
District Troy County Gilmer
The surface of tract is owned in fee by Pearl Varner
Varner
Address Troy, W.VA.
Mineral rights are owned by Pearl Varner, et al'
Troy, W.Va.
Address _____
Drilling Commenced 12-1-77
Drilling Completed 12-6-77
Initial open flow -0- cu. ft. _____ bbls.
Final production 187,000 cu. ft. per day _____ bbls.
Well open 6 hrs. before test 480 RP.

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	218'	218'	cement to surface
7			
5 1/2			
4 1/2	1841'	1841'	100 sacks
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.
1 stage - 500 bbl. water, 500 gal. 15% HCL, 30,000 lbs. 20/40 sand.
250 lbs. J-266, 15 gal. F-52, 15 gal. Freflo 6.

Coal was encountered at 60 Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Big Injun Depth 1746'-1752'; 1768'-1774'; 1822'-1823'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	61		
Red Rock			61	204		
Shale			204	289		
Sand			289	351		
Red Rock			351	459		
Sand			459	810		
Shale			810	1095		
Lime			1095	1319		
Sand			1319	1499		
Shale			1499	1604		
Little Lime			1604	1660		
Shale			1660	1682		
Big Lime			1682	1742		
Keener			1742	1778		
Shale			1778	1786		
Big Injun			1786	1834		
Shale			1834	1907		

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

AUG - 4 1977

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Pearl Varner
Address Troy, West Virginia
Mineral Owner Pearl Varner, et al
Address Troy, West Virginia
Coal Owner None
Address _____
Coal Operator None
Address _____

DATE August 1, 1977
Company Stonestreet Lands Company
Address P.O. Box 350, Spencer, W.Va.
Farm Pearl Varner Acres 130
Location (waters) Little Cove Creek
Well No. 1 Elevation 975'
District Troy County Gilmer
Quadrangle Holbrook

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 27 of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 12-4-77.

INSPECTOR
TO BE NOTIFIED Paul Goodnight
ADDRESS Smithville, West Virginia
PHONE 477-3660

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 August 13, 1976 by Pearl Varner, et al made to Capital Petroleum Co. subsequently assigned to Stonestreet Lands Co. and recorded on the 19 day of Aug. 1976 in Gilmer County, Book 284 Page 611

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, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours,
(Sign Name)
Well Operator
P. O. Box 350
Street
Spencer,
City or Town
West Virginia 25276
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-2891 _____ PERMIT NUMBER
47-021

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by _____

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: 2000' _____ 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	220'	220'	Cement to surface
7			
5 ½			
4 ½	2000'	2000'	75 sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80 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