



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

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY STONE STREET LANDS Co.  
 ADDRESS Box 350 SPENCER W.VA.  
 FARM IRA ASHCRAFT  
 MAP \_\_\_\_\_ ACRES 149.23 LEASE NO. 582  
 WELL (FARM) NO. TWO SERIAL NO. \_\_\_\_\_  
 ELEVATION (SPIRIT LEVEL) 1132'  
 QUADRANGLE CENTERPOINT NC  
 COUNTY DODDRIDGE DISTRICT McCLELLAN  
 POINT OF PROVEN ELEVATION UPPER BEVERLIN FORK  
SCHOOL EX: 949'  
 FILE NO. \_\_\_\_\_ DRAWING NO. \_\_\_\_\_  
 DATE 6-10-7-76 SCALE 1"=500'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO. **DOD-1836**  
 NOV 18 1976  
 + 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.

3400 Big In. on SMITHSON PLINT. SEDALIA



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**

**RECEIVED**  
AUG 22 1977  
OIL & GAS DIVISION  
DEPT. OF MINES

**WELL RECORD**

Quadrangle Centerpoint  
Permit No. Dodd-1836

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

Company Stonestreet Lands co.  
Address Box 350 Spencer, W.Va.  
Farm Ira Ashcraft Acres 149.23  
Location (waters) Franks Run  
Well No. 2 Elev. 1132'  
District McClellan County Doddridge  
The surface of tract is owned in fee by Ira Ashcraft  
Address Centerpoint, W.Va.  
Mineral rights are owned by Ira Ashcraft, et al Address Centerpoint, W.Va.  
Drilling Commenced 1-14-77  
Drilling Completed 1-28-77  
Initial open flow 10,000 cu. ft. \_\_\_\_\_ bbls.  
Final production 320,000 cu. ft. per day \_\_\_\_\_ bbls.  
Well open 24 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             | 206'             | 206'         | cement to surface             |
| 7                 |                  |              |                               |
| 5 1/2             |                  |              |                               |
| 4 1/2             | 2370'            | 2370'        | 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,  
15 gal. Fre Flo C, 15 gal. F-52, 250 J-266.

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water 60' Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Big Injun Depth 2310'-2334'

| Formation   | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|-------------|-------|--------------|----------|-------------|-------------------|-----------|
| Top Soil    |       |              | 0        | 45          |                   |           |
| Sand        |       |              | 45       | 210         |                   |           |
| Red Rock    |       |              | 210      | 305         |                   |           |
| Shale       |       |              | 305      | 495         |                   |           |
| Sand        |       |              | 495      | 630         |                   |           |
| Red Rock    |       |              | 630      | 705         |                   |           |
| Shale       |       |              | 705      | 870         |                   |           |
| Sand        |       |              | 870      | 1055        |                   |           |
| Red Rock    |       |              | 1055     | 1225        |                   |           |
| Shale       |       |              | 1225     | 1325        |                   |           |
| Sand        |       |              | 1325     | 1445        |                   |           |
| Shale       |       |              | 1445     | 1580        |                   |           |
| Sand        |       |              | 1580     | 1620        |                   |           |
| Red Rock    |       |              | 1620     | 1712        |                   |           |
| Sand        |       |              | 1712     | 1810        |                   |           |
| Shale       |       |              | 1810     | 1845        |                   |           |
| Sand        |       |              | 1845     | 1940        |                   |           |
| Shale       |       |              | 1940     | 2010        |                   |           |
| Little Lime |       |              | 2010     | 2128        |                   |           |
| Blue Monday |       |              | 2128     | 2145        |                   |           |
| Pencil Cave |       |              | 2145     | 2173        |                   |           |
| Big Lime    |       |              | 2173     | 2238        |                   |           |
| Keener      |       |              | 2238     | 2274        |                   |           |

(over)

\* Indicates Electric Log tops in the remarks section.

| Formation | Color | Hard or Soft | Top Feet 4 | Bottom Feet | Oil, Gas or Water | * Remarks |
|-----------|-------|--------------|------------|-------------|-------------------|-----------|
| Shale     |       |              | 2274       | 2278        |                   |           |
| Big Injun |       |              | 2278       | 2336        |                   |           |
| Shale     |       |              | 2336       | 2348        |                   |           |
| Squaw     |       |              | 2348       | 2400        |                   |           |
| Shale     |       |              | 2400       | 2408        |                   |           |

Date August 19 1977

APPROVED Larry V. Stone Street

by Katrina Knight, Inc.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED

OCT 27 1976

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

DATE October 26, 1976

Surface Owner Ira Ashcraft

Company Stonestreet Lands Company

Address Center Point, W. Va.

Address Box 350, Spencer, W. Va.

Mineral Owner Ira Ashcraft, et al

Farm Ira Ashcraft Acres 148.23

Address Center Point, W. Va.

Location (waters) Franks Run

Coal Owner None

Well No. two Elevation 1132'

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 2-27-77.

INSPECTOR  
TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech St., Clarksburg, W. Va.

PHONE 622-3871

Robert L. [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 April 10, 1976 by Ira Ashcraft made to Clarence W. Mutschelknaus and subsequently assigned to Stone- and recorded on the 15th day of April street 1976 in Doddridge County, Book 100 Page 468

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) Larry V. Stonestreet  
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.

DODD-1836 PERMIT NUMBER  
47-017

"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 Larry V. Stonestreet

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

PROPOSED WORK ORDER TO X 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: 2400' \_\_\_\_\_ ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Big Injun \_\_\_\_\_  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS X 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>880' <del>330'</del></u> | <u>880' <del>330'</del></u> | <b>Cement to surface.</b>           |
| 7                      |                             |                             |                                     |
| 5 1/2                  |                             |                             |                                     |
| 4 1/2                  | <b>2400'</b>                | <b>2400'</b>                | <b>75 sks.</b>                      |
| 3                      |                             |                             | Perf. Top                           |
| 2                      |                             |                             | Perf. Bottom                        |
| Liners                 |                             |                             | Perf. Top                           |
|                        |                             |                             | Perf. Bottom                        |

APPROXIMATE FRESH WATER DEPTHS 80 FEET SALT WATER \_\_\_\_\_ FEET  
 APPROXIMATE COAL DEPTHS 310' - 846' - 48" Pittsburgh Coal  
 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