



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

Company C & P OIL & GAS CO.  
 Address 237 HOLBROOK AVE., C-BURG, W. VA.  
 Farm W. S. STINESPRING, DR. AARON SCHWARTZMAN  
 Tract \_\_\_\_\_ Acres 147 1/2 Lease No. 13358  
 Well (Farm) No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1165'  
 Quadrangle HOLBROOK NE 13 NC  
 County DODDRIDGE District SOUTHWEST  
 Engineer [Signature]  
 Engineer's Registration No. L. L. S. NO. 105  
 File No. 232/22 Drawing No. \_\_\_\_\_  
 Date 5/20/78 Scale 1" = 500'

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

**WELL LOCATION MAP**  
 FILE NO. DODD-2298

+ 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.

47-017 OCT 30 1978



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

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

APR 10 1979

Quadrangle Holbrook NE

Permit No. Dodd 2298

47-017-2298

Company C & P Oil & Gas Co.  
Address Clarksburg, WV 26301  
Farm W.S. Stinespring Acres 147  
Location (waters) South Fork, Hughes  
Well No. 2 Elev. 1165  
District Southwest County Doddridge  
The surface of tract is owned in fee by Sarah V. Starkey

Address Oxford, WV  
Mineral rights are owned by F.R. Ingram, etal  
Address 1704 Oak St. Parkersburg, WV 26101

Drilling Commenced 11-20-78  
Drilling Completed 12-30-78  
Initial open flow None cu. ft. \_\_\_\_\_ bbls.  
Final production 600 cu. ft. per day 1 bbls.  
Well open 24 hrs. before test 800 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             | 306              | 306          | 100 Sks.                      |
| 7                 |                  |              |                               |
| 5 1/2             |                  |              |                               |
| 4 1/2             | 2460             | 2460         | 145 Sks.                      |
| 3                 |                  |              |                               |
| 2                 |                  | 2280         | Tubing at 2330                |
| Liners Used       |                  | Packer       |                               |

Well treatment details:

Attach copy of cementing record.

Wier Sand fractured with 500 bbl. water 90.000% Sand

500 gal. 15% acid, 90 gal. I-42

Wier Sand fractured with 500 bbl. water 90.000% Sand

500 gal. 15% acid, 90 gal. I-42

Coal was encountered at None Feet None Inches  
Fresh water 220 Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Big Injun Wier Depth 2080 2285

| Formation         | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks    |
|-------------------|-------|--------------|----------|-------------|-------------------|--------------|
| Sand and Shale    |       |              | 0        | 788         |                   | Water at 223 |
| Lime and Red Rock |       |              | 788      | 1020        |                   |              |
| Sand and Slate    |       |              | 1021     | 1130        |                   |              |
| Slate and Shale   |       |              | 1131     | 1322        |                   |              |
| Sand and Shale    |       |              | 1323     | 1925        |                   |              |
| Lime              |       |              | 1926     | 1940        |                   |              |
| Slate and Shale   |       |              | 1941     | 1994        |                   |              |
| Big Lime          |       |              | 1995     | 2057        |                   |              |
| Big Injun         |       |              | 2058     | 2098        |                   | Gas at 2080  |
| Slate and Shale   |       |              | 2099     | 2271        |                   |              |
| Wier              |       |              | 2272     | 2370        |                   | Gas at 2285  |
| Total Depth       |       |              |          | 2460        |                   |              |

(over)

\* Indicates Electric Log tops in the remarks section.



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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

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 October 2, 1978

Surface Owner Dr. Aaron Schwartzman  
Address 2007 Martin L. King Ave.  
Washington, D.C. 20020  
Mineral Owner See attached

Company C & P Oil and Gas Co.  
Address 437 Holden, Clarksburg, WV 26301  
Farm W. L. Stinespring Acres 131 1/2  
Location (waters) South Fork, Hughes  
Well No. 2 Elevation 1165  
District Southwest County Doddridge  
Quadrangle Holbrook NE 1-

Address \_\_\_\_\_  
Coal Owner None  
Address \_\_\_\_\_  
Coal Operator None  
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 2-11-79

INSPECTOR  
TO BE NOTIFIED Paul W. Garrett  
ADDRESS 321 Beech St., Clarksburg, WV 26301  
PHONE 622-3871

Robert L. Fidd  
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 May 26 1977 by Equitable Gas Company made to C & P Oil & Gas Co. and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in \_\_\_\_\_ County, Book \_\_\_\_\_ Page \_\_\_\_\_

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, C & P OIL AND GAS COMPANY  
(Sign Name) By Pete Poni  
Well Operator

437 Holden Avenue  
Street  
Clarksburg  
City or Town  
West Virginia 26301  
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

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 Haught, Inc. NAME C & P Oil and Gas Co.  
 ADDRESS Smithfield, WV 26178 ADDRESS 437 Holden, Clarksburg, WV  
 TELEPHONE \_\_\_\_\_ TELEPHONE 624-6516  
 ESTIMATED DEPTH OF COMPLETED WELL: 2300 ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Weir  
 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                | 350               | 350          | 95 Cement to Surface  |
| 7                      |                   |              |   |
| 5 1/2                  |                   |              |   |
| 4 1/2                  | 2650              | 2650         | 150 Cement to 300 feet<br>above any producing<br>Perf. Top sand |
| 3                      |                   |              | Perf. Bottom  |
| 2                      |                   |              | Perf. Top   |
| Liners                 |                   |              | Perf. Bottom  |

APPROXIMATE FRESH WATER DEPTHS 90-125 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

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OIL & GAS DIVISION  
DEPT. OF MINES

W. L. STINESPRING WELL NO. 2

MINERAL OWNERS

F. R. Ingram and  
F. R. Ingram, Attorney-in-Fact  
for Nellie M. Stinespring, et al.  
1704 Oak Street  
Parkersburg, W. Va. 26101

Mary M. Christie and  
Mary M. Christie, Attorney-in-Fact  
for Juanita Sewick, et al.  
2133 McTaggart Street  
Belpre, Ohio 45714