



Latitude 39° 10' 15"  
 Longitude 80° 50'  
 2.125 7 1/2  
 39 09.45  
 80 50.15

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

Source of Elevation DOD-1883 ELV. 1038'  
 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 accuracy one part in 200

Company C&P OIL & GAS CO.  
 Address 2202 PRIDE AV., C-BURG, W.VA.  
 Farm M. S. GASTON  
 Tract \_\_\_\_\_ Acres 102 Lease No. 18256  
 Well (Farm) No. 2 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1137'  
 Quadrangle HOLBROOK NE 32  
 County DODDRIDGE District SOUTHWEST  
 Engineer R. J. Williamson  
 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-2188**

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 JUL 19 1978



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division

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(1977-137)  
OIL & GAS DIVISION  
DEPT. OF MINES

WELL RECORD

Quadrangle Holbrook

Permit No. DODD 2188

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

Company G & P Oil & Gas Co.  
Address Clarksburg, WV 26301  
Farm M. S. Gaston Acres 102  
Location (waters) Lower Run  
Well No. 2 Elev. 1137  
District Southwest County Doddridge  
The surface of tract is owned in fee by Willard McCloy and others  
Address Parkersburg, WV 26101  
Mineral rights are owned by Lawrence McCloy,  
Atty-in-fact for McCloy Heirs  
Address Harrisville, WV 26362  
Drilling Commenced 8/9/78  
Drilling Completed 8/28/78  
Initial open flow 0 cu. ft. 0 bbls.  
Final production 300,000 cu. ft. per day 2 bbls.  
Well open 5 hrs. before test 600 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	302	302	Cemented with 90 sks.
7			
5 1/2			
4 1/2		2348	Cemented with 130 sks.
3			
2		2170	
Liners Used			

Well treatment details:

Attach copy of cementing record.

Wier treated with 30,000 lbs. sand, 60 gals. clay stay, 550 bbls. of water, 500 gals. acid.

Big Injun treated with 30,000 lbs. sand, 500 gals. water, 500 gals. acid 28%

Coal was encountered at None Feet None Inches  
Fresh water 120 Feet -- Salt Water -- Feet --  
Producing Sand Big Injun and Wier Depth 1940-2010 2170-2300

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	70		
Slate, Shells & Sand			70	890	Water at 120	
Sand			890	1010		
Slate & Shell			1010	1738		
Sand			1738	1762		
Slate			1762	1800		
Lime			1800	1884		
Big Lime			-1884	1940		
Big Injun			1940	2010	Show of Gas	1996
Shale			2010	2170		
Wier			2170	2300	Show of Gas	2180
Shale			2300	2367	Total Depth	

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

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JUL 10 1978

Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner See attached sheet  
Address \_\_\_\_\_  
Mineral Owner See attached sheet  
Address \_\_\_\_\_  
Coal Owner None  
Address \_\_\_\_\_  
Coal Operator None  
Address \_\_\_\_\_

DATE July 7, 1978  
437 Holden Ave.  
Company C & P Oil and Gas Co.  
Address ~~2202 Pride Ave~~ Clarksburg WV 26301  
Farm M. S. Gaston Acres 102  
Location (waters) Lower Run  
Well No. 2 Elevation 1137  
District Southwest County Doddridge  
Quadrangle Holbrook NE

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 11-10-78.

Deputy Director - Oil & Gas Division

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

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 December 1 19 77 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,  
(Sign Name) C & P Oil and Gas Co.,   
Well Operator  
2202 Pride Avenue  
Street  
Clarksburg  
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-2188 PERMIT NUMBER

"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."

47-017

Signed by

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, W.Va. 26178 ADDRESS 2202 Pride Ave C-Burg, WV 26301  
 TELEPHONE \_\_\_\_\_ TELEPHONE 623-6671  
 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	20'	20'	Cement to Surface
13 - 10			
9 - 5/8			
8 - 5/8	470'	470'	Cement to Surface
7			
5 1/2			
4 1/2	2300'	2300'	Cement to 300' above any producing sand
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 40-80 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