



Minimum Error of Closure  $\pm$  in 100'  $\pm$  12.4'

Source of Elevation U.S. Geol. Surv. *12.4'*

U.G. Nestorville *Belington 15'* Geographic Quadrangle

"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."

Company Petroleum Development Corp.

Address PO BOX 26 159 E. Main, Bridgeport, W. Va.

Farm Franklin Poe

Tract \_\_\_\_\_ Acres 82 Lease No. \_\_\_\_\_

Well (Farm) No. One Serial No. \_\_\_\_\_

Elevation (Spirit Level) 1610' NW

Quadrangle Nestorville, Belington 15'

County Barbour District Pleasant

Engineer L. Nydic

Engineer's Registration No. 310 H

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date 4/8/78 Scale 1" = 400'

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

**WELL LOCATION MAP**  
FILE NO. BAR-972

+ 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.

47-001 APR 28 1978

4500' Benson 6-6 Taylor Drain (316)



DEC 18 1978  
OIL & GAS DIVISION  
DEPT. OF MINES

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Tygart River

Permit No. Bar-972 (47-001-0972)

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

Company <u>Petroleum Development Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P.O. Box 26, Bridgeport, WV 26330</u>	Size			
Farm <u>Frank Poe</u> Acres <u>82</u>	20-16			
Location (waters) <u>Tygart River</u>	Cond.			
Well No. <u>One</u> Elev. <u>1610</u>	13-10"			
District <u>Pleasant</u> County <u>Barbour</u>	9 5/8			
The surface of tract is owned in fee by _____	8 5/8	835	835	254 sks
<u>Franklin Poe (Life est)</u>	7			
Address <u>Arden W.V.</u>	5 1/2			
Mineral rights are owned by <u>Franklin Poe</u>	4 1/2	4100	4100	500 sks
Address <u>Arden, W.V.</u>	3			
Drilling Commenced <u>5/03/78</u>	2			
Drilling Completed <u>5/08/78</u>	Liners Used			
Initial open flow _____ cu. ft. _____ bbls.				
Final production <u>325 m</u> cu. ft. per day _____ bbls.				
Well open <u>48</u> hrs. before test <u>825</u> RP.				

Well treatment details:

Attach copy of cementing record.

<u>Benson</u>	<u>28,000</u>	<u>80/100</u>
<u>Balltown 1570 bbls</u>	<u>86,500</u>	<u>20/40</u>

Coal was encountered at 314-17 Feet 3" Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Benson, Balltown Depth 4047; 2932

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	45		
Shale			45	309		
Water/Sand			309	314		
Coal			314	317		
Shale			317	710		
Sand & Shale			710	1100		
Shale			1100	1218		
Big Lime			1218	1410		
Injun			1410	1452		
Shale			1452	1568		
Berea			1568	1575		
Shale			1575	1710		
50			1710	1750		
Shale			1750	2135		
Sand & Shale			2135	2928		
Balltown			2928	2942		
Shale			2942	3080		
Riley			3080	3098		
Shale			3098	4014		
Benson			4014	4020		
Shale			4020	4050		
Benson			4050	4054		
				4244		

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

APR 12 1978

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 April 10, 1978

Surface Owner Franklin Poe (deceased)

Company Petroleum Development Corporation

Address Arden W

Address P. O. Box 26, Bridgeport WV 26330

Mineral Owner Franklin Poe

Farm Frank Poe Acres 32

Address Arden W

Location (waters) Myart River

Coal Owner Franklin Poe Arden W

Well No.        Elevation 1110'

Address Franklin Poe Arden W

District Pleasant County Harbour

Coal Operator       

Quadrangle Nestorville

Address       

PERMIT MUST BE POSTED AT THE WELL SITE

provisions being in accordance with Chapter 22,  
the W. Va. Code, the location is hereby approved

INSPECTOR

TO BE NOTIFIED Bob Stewart

drilling. This permit shall expire if

ADDRESS Box 265 State Lew WV 26378

operations have not commenced by 8-19-78.

PHONE 2640112

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 1sts 1964 by Franklin B & Arden Poe made to Pope National Gas Co and recorded on the 26th day of August 1964, in Harbour County, Book 51 Page 41

       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

Very truly yours

       Well Operator

(Sign Name)       

Address  
of  
Well Operator

        
       Street  
        
       City or Town  
        
       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

BAR-972

PERMIT NUMBER

47-001

**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 Unknown \_\_\_\_\_ NAME Petroleum Development Corporation \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ ADDRESS P O Box 26 Bridgeport W 26302 \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_ TELEPHONE 302-338-1111 \_\_\_\_\_  
 ESTIMATED DEPTH OF COMPLETED WELL: 4500' \_\_\_\_\_ ROTARY \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: CONSON \_\_\_\_\_  
 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 <u>11</u>		<u>40'</u>	<u>Surface</u>
9 - 5/8			
8 - 5/8		<u>700'</u>	<u>Surface</u>
7			
5 1/2			
4 1/2		<u>400'</u>	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 0' FEET 120' SALT WATER 0' FEET 0'  
 APPROXIMATE COAL DEPTHS 500' \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? 0 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