



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1" in 5000'
 Source of Elevation **USGM BM - ARDEN, W. VA. - 1275'**
NESTORVILLE QUADRANGLE - 7 1/2 MIN.
 "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 **103 E MAIN ST., BRIDGEPORT, W. VA**
 Farm **SHERMAN LINDSAY LEASE** *Surface (See OG-1)*
 Tract _____ Acres **146** Lease No. _____
 Well (Farm) No. **ONE** Serial No. _____
 Elevation (Spirit Level) **1510'** *NW*
 Quadrangle **NESTORVILLE, Belington 15'**
 County **BARBOUR** District **PLEASANTS**
 Engineer **L. R. SNYDER,**
 Engineer's Registration No. **300 SJ**
 File No. _____ Drawing No. _____
 Date **FEB. 28, 1978** Scale **1" = 500'**

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

WELL LOCATION MAP
 FILE NO. **BAR-965**

+ 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 21 1978



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

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OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Nestorville

Permit No. BAR-965

Rotary Oil _____
Cable _____ Gas
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, W.V. 26330</u>	Size			
Farm <u>Sherman Lindsey</u> Acres <u>146</u>	20-16			
Location (waters) <u>Tygart River</u>	Cond.			
Well No. <u>One</u> Elev. <u>1510</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	773	773	230 sks
<u>Franklin Poe et.al</u>	7			
Address <u>Arden, W.V.</u>	4 1/2	4331	4331	450 sks.
Mineral rights are owned by <u>Sherman Lindsey</u>	3			
Address <u>19 Wilson St. Phillippi, W.V.</u>	2			
Drilling Commenced <u>4/27/78</u>	Liners Used			
Drilling Completed <u>5/16/78</u>				
Initial open flow <u>show</u> cu. ft. _____ bbls.				
Final production <u>411 m cu. ft</u> per day _____ bbls.				
Well open _____ hrs. before test <u>911#</u> RP.				

Well treatment details:

Benson 481 bbls	10,000# 80/100 Sand
"	35,000# 20/40 Sand
Riley 482 bbls	10,000# 80/100 Sand
"	40,000# 20/40 Sand
Balltown 437 bbls	6,000# 80/100 Sand
"	39,000# 20/40 Sand

Attach copy of cementing record.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Balltown, Riley, Benson Depth 2934; 3731; 4000;
BT Ril Ben

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
FORMATION TOP TAKEN FROM ELECTRIC LOG						
Big Lime			1168			
Big Lime <u>Inj</u> ?			1240			
Pocono			1402			
Berea			1571			
Gantz A			1609			
50'			1654			
30'			1794			
Gordon Stray/Gordon			1882			
4th			2006			
4th A			2076			
5th & L. 5th			2136			
Bayard			2263			
Lower Bayard			2309			
Elizabeth			2397			
Warren			2507			
Balltown			2932			
Bradford			3300			
Riley			3677			
Benson			3992			
Elk I. ✓			4216			
T.D.			4369			

(over)

* Indicates Electric Log tops in the remarks section.

AUG 16 1978



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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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 Arden WV Company Petroleum Development Corporation
 Address 130 Bon Mitchell St Philippi WV Address P O Box 26 Bridgeport WV 26330
 Mineral Owner Sherman Lindsey Farm Sherman Lindsey Acres 146
 Address 19 Wilson St Philippi WV Location (waters) Tyrant River
 Coal Owner Mandoline Laulis Rt 2 Boatsville Well No. One Elevation 1510'
 Address 19 Wilson St Philippi WV District Pleasant County Barbour
 Coal Operator _____ Quadrangle Nestorville
 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

INSPECTOR

for drilling. This permit shall expire TO BE NOTIFIED Bob Stewart

operations have not commenced by 8-13-78 ADDRESS Box 345 Jane Lew WV 26378

[Signature]
Deputy Director - Oil & Gas Division

PHONE 304-708

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 7th 1965 by Sherman Lindsey et al made to Consolidated Gas Sup Corp and recorded on the 4th day of May 1965, in Barbour County, Book 53 Page 312

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,
[Signature]
(Sign Name) _____

Well Operator

Street

Bridgeport

City or Town

West Virginia 26330

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-965

PERMIT NUMBER

47-001

