



LATITUDE 39 27 30  
(15) 39 30

LONGITUDE 81 00 30

**LEGEND**

- Lines plotted from deed calls
- Surveued lines
- - - Roads
- Well location

Minimum Error of Closure 1 in 200'

Source of Elevation USGS BMat Arvilla = 635'

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.

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

Signed: \_\_\_\_\_  
Squares: N S E W

Company SECURITY OIL & GAS INC  
1739 ST MARKS WU 26170  
 Address 100 Bush St. Suite 2301, San Francisco, California  
 Farm D. J. Wagner  
 Tract \_\_\_\_\_ Acres 101+ Lease No. \_\_\_\_\_  
 Well (Farm) No. Three Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 771' NE  
 Quadrangle Bens Run 7 1/2, ST MARY 15  
 County Pleasants District Union  
 Engineer [Signature]  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date April 19, 1979 Scale 1" = 500'

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

**WELL LOCATION MAP**

FILE NO. 47-073-0773

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

JUN 21 1979

- Denotes one inch spaces on border line of original tracing.

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. \_\_\_\_\_  
API Well No. 47 - 073 - 0773  
State County Permit

WELL TYPE: Oil \_\_\_ / Gas \_\_\_  
(If "Gas", Production \_\_\_ / Underground storage \_\_\_ / Deep \_\_\_ / Shallow \_\_\_)

LOCATION: Elevation: 771' Watershed: Big Run  
District: Union County: Boone Quadrangle: Boone 77

WELL OPERATOR  
Address  
1175 Record St. Ft. Wayne, IN 46802

DESIGNATED AGENT  
Address  
10. 50  
10. 50, W 20170

OIL & GAS ROYALTY OWNER  
Address  
1110, W

COAL OPERATOR  
Address

Acreage  
SURFACE OWNER  
Address

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name  
Address

FIELD SALE (IF MADE) TO:  
Name  
Address

Name  
Address

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name  
Address

COAL LESSEE WITH DECLARATION ON RECORD:  
Name  
Address

RECEIVED  
JUN - 5 1979

OIL & GAS DIVISION  
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_ / lease \_\_\_ / other contract \_\_\_ / dated April 19, 19\_\_, to the undersigned well operator from \_\_\_\_\_

[If said deed, lease, or other contract has been recorded:]  
Recorded on April 19, 19\_\_, in the office of the Clerk of the County Commission of Boone County, West Virginia, in Book 151 at page 144-625. A permit is requested as follows:

PROPOSED WORK: Drill \_\_\_ / Drill deeper \_\_\_ / Redrill \_\_\_ / Fracture or stimulate \_\_\_ /  
Plug off old formation \_\_\_ / Perforate new formation \_\_\_ /  
Other physical change in well (specify) \_\_\_\_\_

--planned as shown on the work order on the reverse side hereof,

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1615 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
TELEPHONE: (304) 348-3092

BLANKET BOND

Well Operator  
By Frank E. Pettit

[08-78]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Littlefield Drilling Company

Address L. L. Box 7  
Bechtelburg, W. Va. 26122

GEOLOGICAL TARGET FORMATION, Under Series

Estimated depth of completed well, 2300 feet Rotary DR / Cable tools      /

Approximate water strata depths: Fresh, 120 feet; salt,      feet.

Approximate coal seam depths: 3000 Is coal being mined in the area? Yes      / No     

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft	New	Used	For drilling			Left in well
Conductor	<u>8 7/8</u>		<u>24.1</u>	<u>2</u>		<u>230 ft.</u>	<u>250 ft.</u>	<u>10 sacks</u>	Kinds
Fresh water									
Coal									Sizes
Intermediate									
Production			<u>20.9</u>	<u>2</u>		<u>3000 ft.</u>	<u>3000 ft.</u>	<u>30 sacks</u>	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the permit as filed in connection therewith.

**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 2-6-80.

[Signature]  
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator      / owner      / lessee      / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date:     , 19     

By       
Its