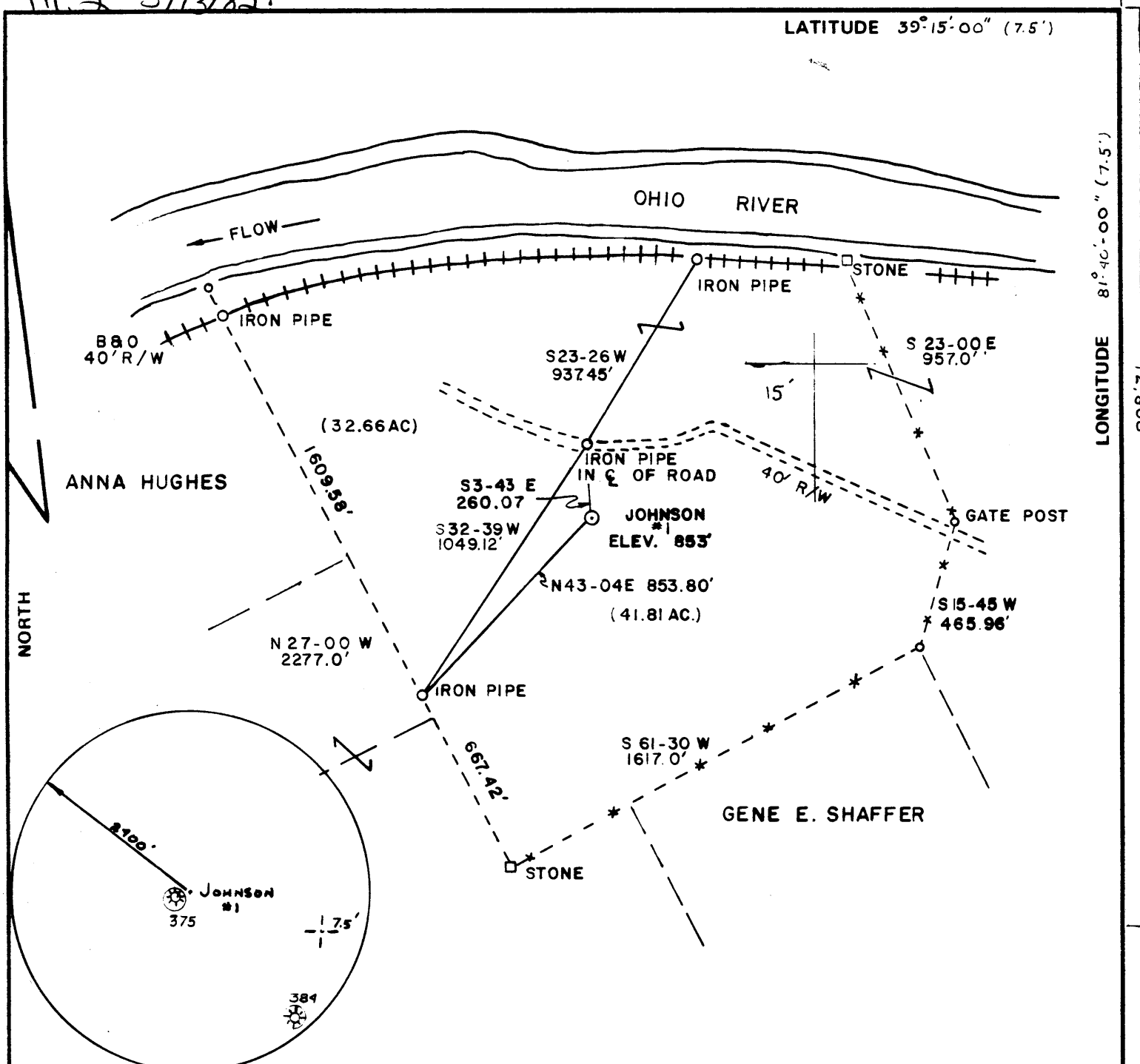


117.2 5/13/82

11,270'

LATITUDE 39°15'00" (7.5')

LONGITUDE 81°40'00" (7.5')



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1"=500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION INTERSECTION OF ROAD ELEV 851'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) Paul K. Marshall  
 PAUL K. MARSHALL  
 R.P.E. \_\_\_\_\_ L.L.S. 580



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE APRIL 27, 19 82  
 OPERATOR'S WELL NO. JOHNSON #1  
 API WELL NO. \_\_\_\_\_  
47 - 107 - 1211  
 STATE COUNTY PERMIT

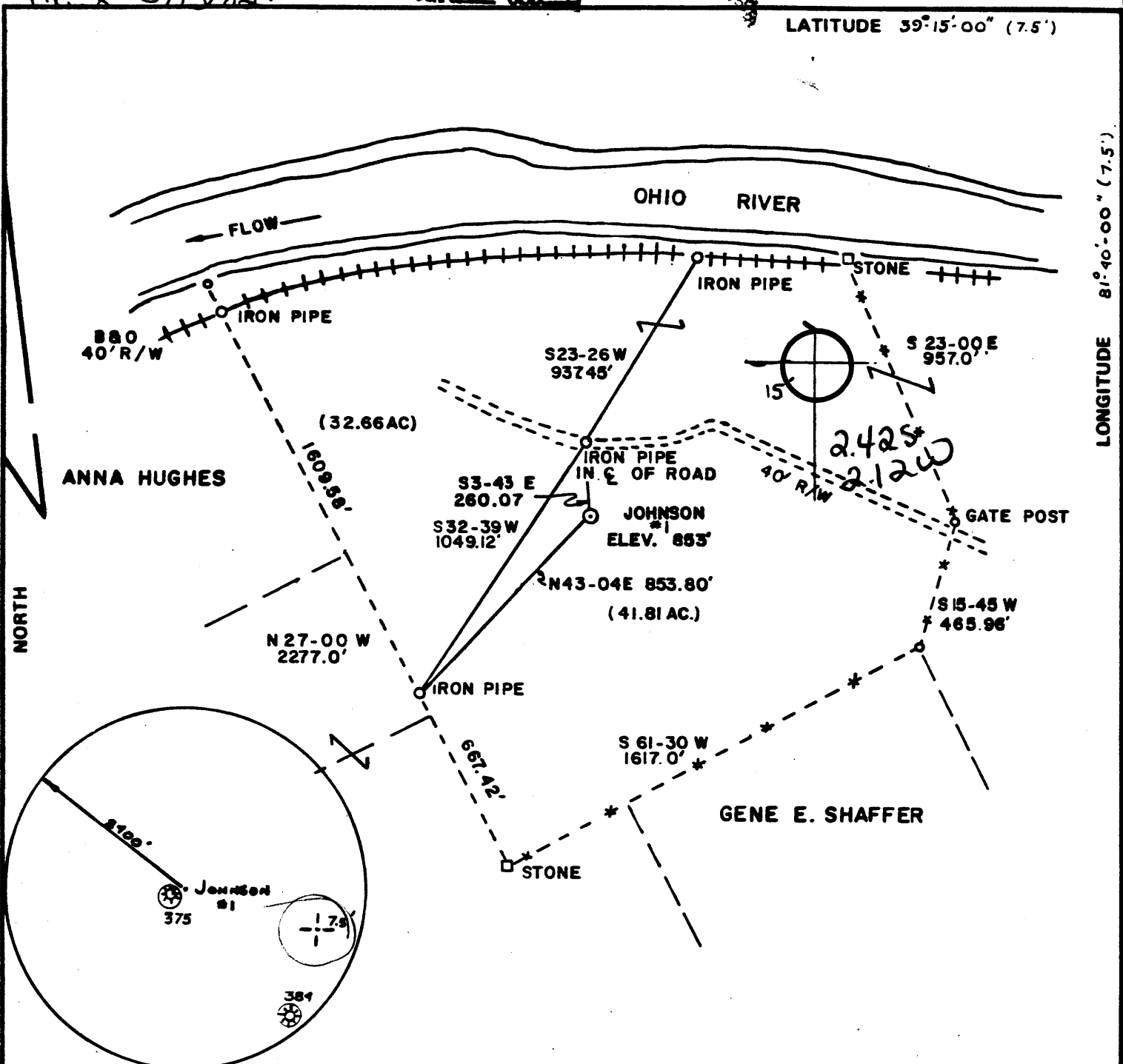
**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF MINES**  
**OIL AND GAS DIVISION**

*Cancelled*

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 853' WATER SHED OHIO RIVER  
 DISTRICT HARRIS COUNTY WOOD  
 QUADRANGLE LUBECK  
 SURFACE OWNER WILLIAM JOHNSON ACREAGE 74.47  
 OIL & GAS ROYALTY OWNER WILLIAM JOHNSON LEASE ACREAGE 107  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 3990'  
 WELL OPERATOR B & L OIL COMPANY DESIGNATED AGENT C. JO Mc CRADY  
 ADDRESS 1420 7TH STREET PARKERSBURG W.V. ADDRESS 1420 7TH STREET PARKERSBURG W.V.  
 26101 26101

JAN 28 1985



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1"=500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION INTERSECTION OF ROAD ELEV 851'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) Paul K. Marshall  
 PAUL K. MARSHALL

R.P.E. \_\_\_\_\_ L.L.S. 580



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE APRIL 27, 19 82  
 OPERATOR'S WELL NO. JOHNSON #1  
 API WELL NO. \_\_\_\_\_  
47 - 107 - 1211  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 853' WATER SHED OHIO RIVER  
 DISTRICT HARRIS COUNTY WOOD  
 QUADRANGLE LUBECK Belleville 15' NW  
 SURFACE OWNER WILLIAM JOHNSON ACREAGE 74.47  
 OIL & GAS ROYALTY OWNER WILLIAM JOHNSON LEASE ACREAGE 107  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 3990'  
 WELL OPERATOR B & L OIL COMPANY DESIGNATED AGENT C. JO Mc CRADY  
 ADDRESS 1420 7TH STREET PARKERSBURG W.V. 26101 ADDRESS 1420 7TH STREET PARKERSBURG W.V. 26101

MAY 24 1982



Well No. # 1  
Farm WILLIAM JOHNSON  
API #47 - ~~107~~ 1211  
Date MAY 5, 1982

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 853 ' Watershed: OHIO RIVER  
District: HARRIS County: WOOD Quadrangle: LUBECK

WELL OPERATOR B & L OIL CO. DESIGNATED AGENT C. JO MCCRADY  
Address 1420 7th st Address 1420 7th st  
PARKERSBURG, WV PARKERSBURG, WV 26101

OIL AND GAS ROYALTY OWNER WILLIAM JOHNSON COAL OPERATOR N/A  
Address Rt 1 Box 65B, NEW ENGLAND RIDGE RD Address \_\_\_\_\_  
PARKERSBURG, WV 26101  
Acreage 107

SURFACE OWNER WILLIAM JOHNSON COAL OWNER(S) WITH DECLARATION ON RECORD:  
Address RT 1, BOX 65B, NEW ENGLAND RIDGE RD NAME N/A  
PARKERSBURG, WV ;6101 Address \_\_\_\_\_  
Acreage 107

FIELD SALE (IF MADE) TO:  
NAME \_\_\_\_\_  
Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION ON RECORD:  
NAME N/A  
Address \_\_\_\_\_

OIL AND GAS INSPECTOR TO BE NOTIFIED:  
NAME DEO MACE  
Address RT 1, BOX 65  
SANDRIDGE, WV 25274  
Telephone 655-8693

**RECEIVED**

MAY 10 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_ / lease xx / other contract \_\_\_ / dated May 29, 19 81, to the undersigned well operator from WILLIAM & THERESA JOHNSON.

(If said deed, lease, or other contract has been recorded:)

Recorded on July 7, 19 81, in the office of the Clerk of County Commission of WOOD County, West Virginia, in 757 Book at page 459. A permit is requested as follows:

PROPOSED WORK: Drill xx / 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 receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this 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  
1613 WASHINGTON ST., E.  
CHARLESTON, WV 25311  
Telephone - 304/348-3092

**BLANKET BOND**

B & L OIL COMPANY  
Well Operator  
By: C. Jo McCrady  
Its: DESIGNATED AGENT

(Revised 3-81)

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) B & L OIL CO.  
Address 1420 7th st  
PARKERSBURG, WV 26101

GEOLOGICAL TARGET FORMATION MARCELLUS  
Estimated depth of completed well 3990 feet. Rotary XX / Cable tools     /  
Approximate water strata depths: Fresh, 1100 feet; salt, 1100 feet.  
Approximate coal seam depths: N/A  
Is coal being mined in this area: Yes     / No XX /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill-ling	Left in Well		
Conductor	10"					40'			Kinds
Fresh water									
Coal									Sizes
Intermed.	8 5/8	J55	24 1/2	New		500'	500'	to surface	
Production Tubing	4 1/2	J55	10.5	New			3990	600 sks	Depths set
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 Form IV-2 filed in connection therewith.*

**THIS PERMIT MUST BE POSTED AT THE WELL SITE**

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 1-13-83.

BY [Signature]

*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: [Signature]

Its: