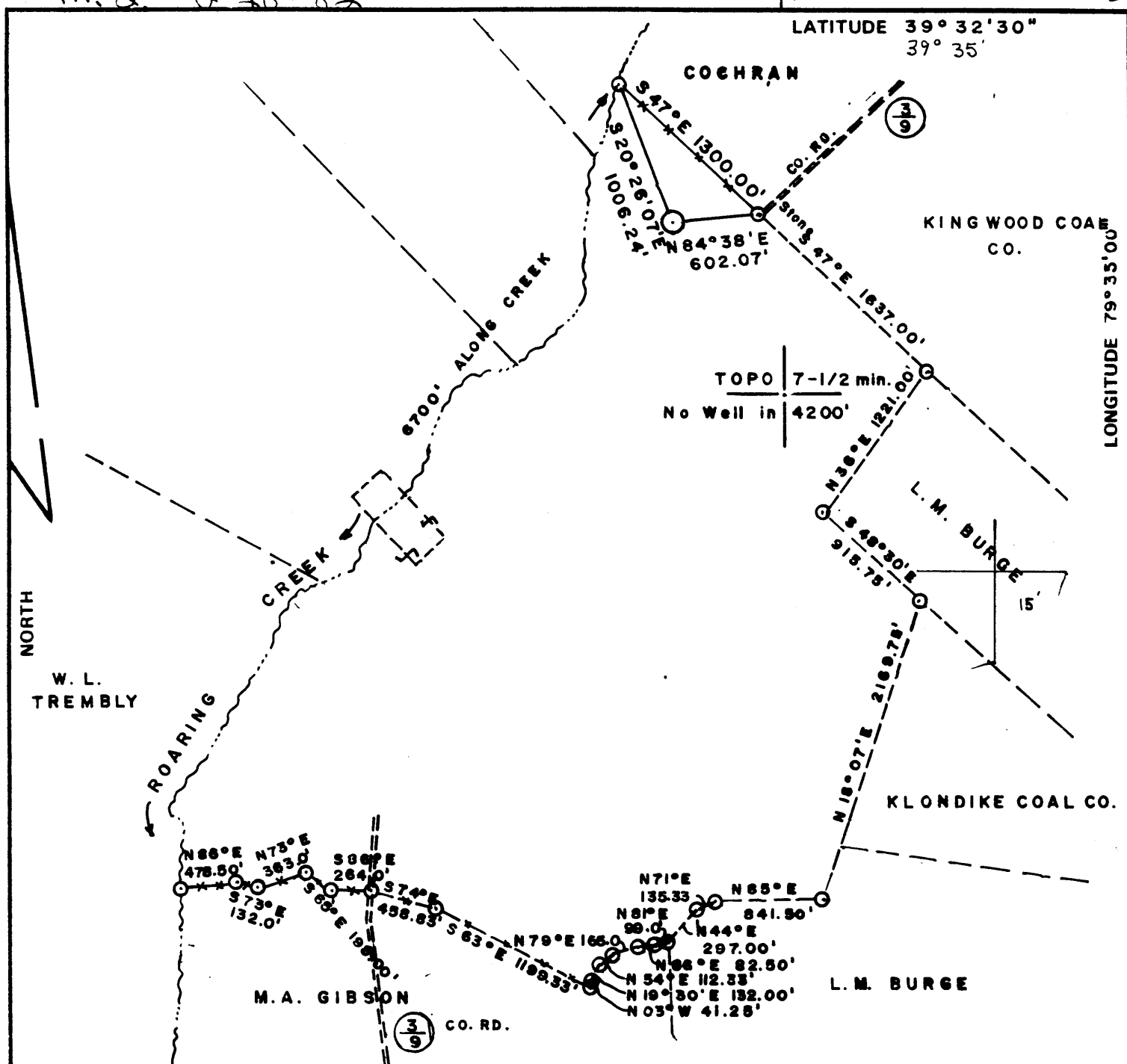


171.2 2-26-82

4,800'



FILE NO. 81-871-0  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/2500  
 PROVEN SOURCE OF ELEVATION EL. 2308.0 ON CO. RD. (3/10) 5400' S.E. OF WELL SITE AT STRIP ROAD.

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) John Robert Galen  
 R.P.E. 5566 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

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



DATE FEB. 11, 1982  
 OPERATOR'S WELL NO. J-624  
 API WELL NO. 47-077-0222  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

*Cancelled*

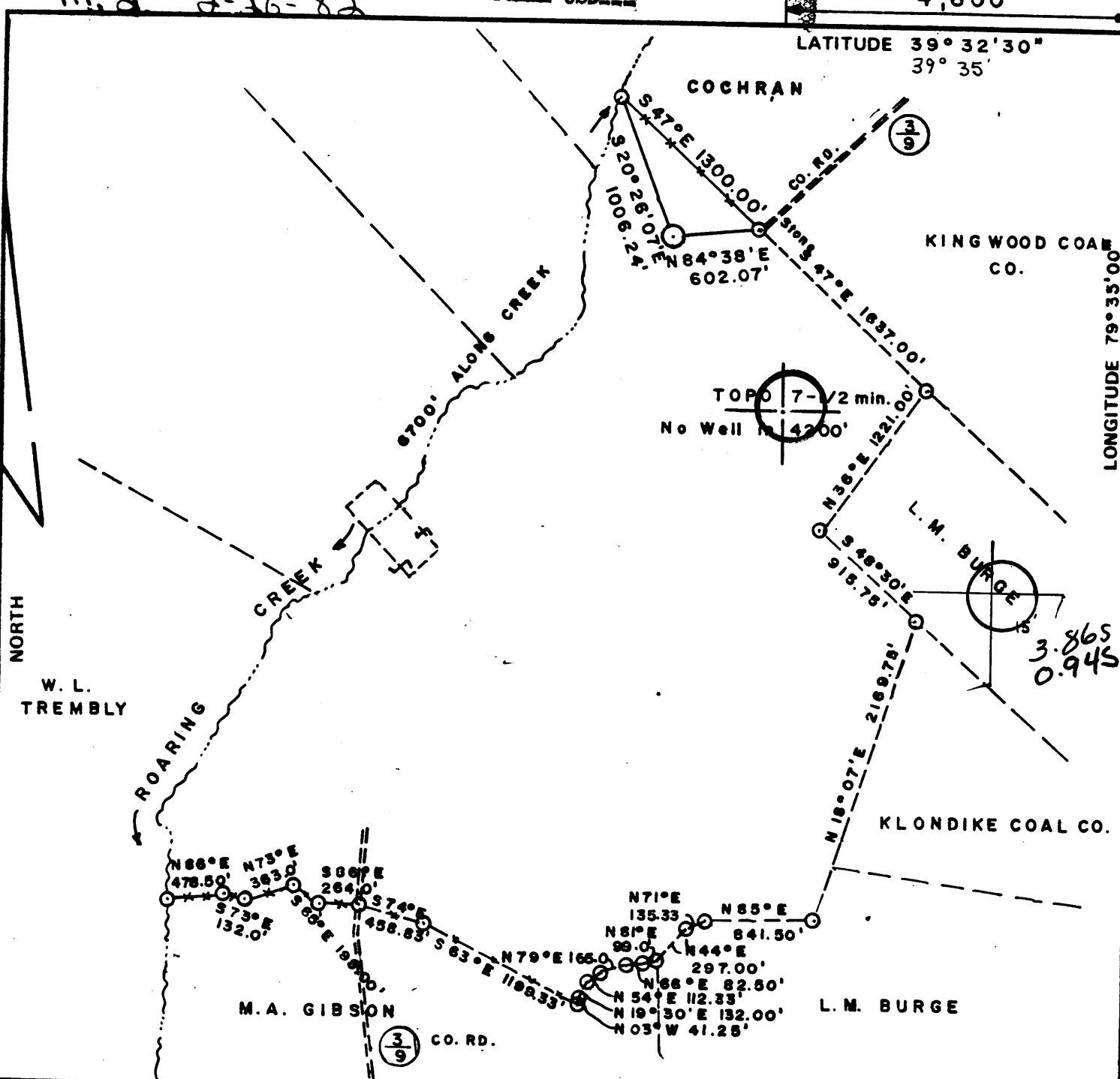
WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP X SHALLOW \_\_\_  
 LOCATION: ELEVATION 1689.0 WATER SHED CHEAT RIVER  
 DISTRICT PORTLAND COUNTY PRESTON  
 QUADRANGLE CUZZART.  
 SURFACE OWNER INTERSTATE LUMBER CO. ACREAGE 420  
 OIL & GAS ROYALTY OWNER INTERSTATE LUMBER CO. LEASE ACREAGE 420  
 LEASE NO. I-12  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Oriskany ESTIMATED DEPTH 2500  
 WELL OPERATOR JOJO ENTERPRISES INC DESIGNATED AGENT HARRY L. BARNETT  
 ADDRESS P.O. BOX 48 ADDRESS P.O. Box 48  
BUCKANNON W. VA. 26201 BUCKHANNON W. VA. 26201

JAN 28 1985

4,800'

LATITUDE 39° 32' 30"  
39° 35'

LONGITUDE 79° 35' 00"



FILE NO. 81-871-0  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/2500  
 PROVEN SOURCE OF ELEVATION EL. 2308.0 ON CO. RD. (3/10) 5400' S.E. OF WELL SITE AT STRIP ROAD.

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) \_\_\_\_\_  
 R.P.E. 5566 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

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



DATE FEB. 11, 19 82  
 OPERATOR'S WELL NO. J-624  
 API WELL NO. \_\_\_\_\_  
47-077-0222  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP X SHALLOW \_\_\_  
 LOCATION: ELEVATION 1685.0 WATER SHED CHEAT RIVER  
 DISTRICT PORTLAND COUNTY PRESTON  
 QUADRANGLE GUZZART. Brunton 15' SC  
 SURFACE OWNER INTERSTATE LUMBER CO. ACREAGE 420  
 OIL & GAS ROYALTY OWNER INTERSTATE LUMBER CO. LEASE ACREAGE 420  
 LEASE NO. I-12  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Oriskany ESTIMATED DEPTH 2500  
 WELL OPERATOR J & J ENTERPRISES INC DESIGNATED AGENT HARRY L. BARNETT APR 6 1982  
 ADDRESS P.O. BOX 48 ADDRESS P.O. Box 48  
BUCKANNON W. VA. 26201 BUCKANNON W. VA. 26201

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-624  
API Well No. 47 - 077 - 0222  
State County Permi

WELL TYPE: Oil      / Gas x /  
(If "Gas", Production x / Underground storage      / Deep      / Shallow x /)  
LOCATION: Elevation: 1685 Watershed: Cheat River  
District: Portland County: Preston Quadrangle: Cuzzart

WELL OPERATOR J & J Enterprises, Inc.  
Address P.O. Box 48  
Buckhannon, WV 26201

DESIGNATED AGENT Harry L. Barnett  
Address P.O. Box 48  
Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER Donald Frazee  
Address C/O Interstate Lumber Company  
601 E. Main St. Kingwood, WV 26537  
Acreage 420

COAL OPERATOR None  
Address       
**RECEIVED**  
**FEB 25 1982**  
OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

SURFACE OWNER Interstate Lumber Company  
Address 601 Main St.  
Kingwood, WV 26537  
Acreage 420

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Donald Frazee C/O Interstate Lumber Co  
Address 601 Main St.  
Kingwood, WV 26537

FIELD SALE (IF MADE) TO:  
Name Unknown  
Address     

Name       
Address     

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name William Blosser  
Address Rt. # 4, Box 317  
Fairmont, WV 26564

COAL LESSEE WITH DECLARATION ON RECORD:  
Name None  
Address     

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed      / lease      / other contract x / dated 10/23, 1981, to the undersigned well operator from S & S, Inc.

[If said deed, lease, or other contract has been recorded:]  
Recorded on 12/28, 1981, in the office of the Clerk of the County Commission of Preston County, West Virginia, in Oil & Gas <sup>lease</sup> Book 4 at page 53. A permit is requested as follows:

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

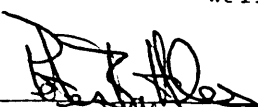
--planned as shown on the work order on the reverse side hereof.

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**

J & J Enterprises, Inc.  
Well Operator  
By   
Its Peter Battles  
Geologist

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) S. W. Jack Drilling Company

Address P.O. Box 48

Buckahannon, WV 26201

GEOLOGICAL TARGET FORMATION, Oriskany

Estimated depth of completed well, 8500 feet Rotary x / Cable tools      /

Approximate water strata depths: Fresh, 85 feet; salt, 975 feet.

Approximate coal seam depths: 250 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	11 3/4	H-40	42	x		30	0	0 sks.	Kinds
Fresh water	8 5/8	ERW	22.36	x		1500	1500	To surf.	
Coal	8 5/8	ERW	22.36	x		1500	1500	To surf.	Sizes
Intermediate									
Production	4 1/2	ERW	11.6	x		8450	8450	650 sks.	Depths set
Tubing									
Liners									Perforations:
									Top Both

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 required 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 11-25-82.  
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       
Its