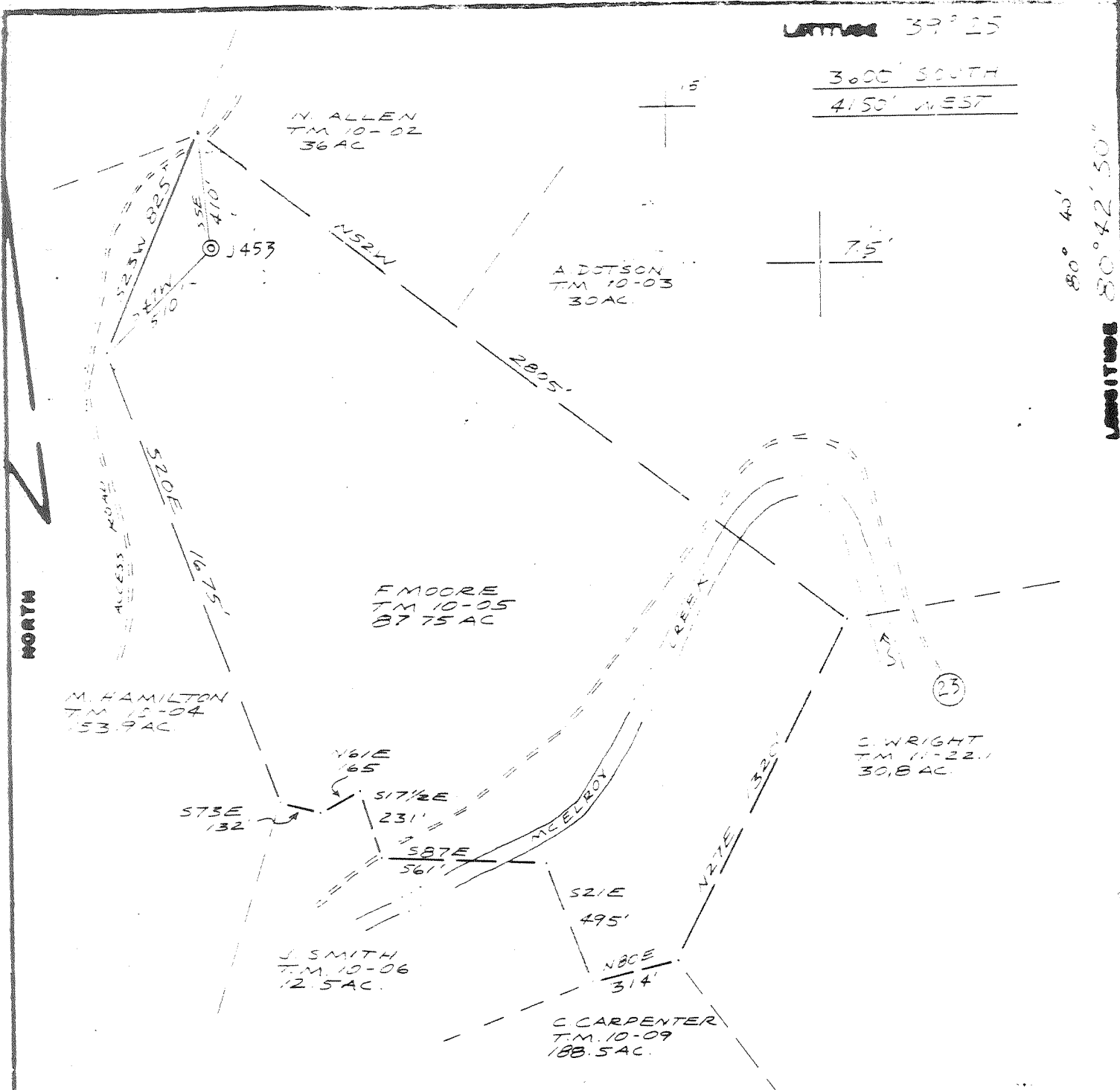


LATITUDE 39° 25'

3600' SOUTH

4150' WEST

LONGITUDE 80° 42' 50"



FILE NO. K930  
 DRAWING NO. 2  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION BM 747

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) Neal Hughes  
 R.P.E. \_\_\_\_\_ L.L.S. 632



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



DATE FEB 10, 19 81  
 OPERATOR'S WELL NO. J453  
 API WELL NO. 47-017-2977  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

**CANCELLED**

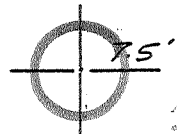
WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS", PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1120' WATER SHED McELROY CREEK  
 DISTRICT McCLELLAN COUNTY DODDRIDGE  
 QUADRANGLE CENTER POINT 7.5'  
 SURFACE OWNER FORREST MOORE ACREAGE 87.75  
 OIL & GAS ROYALTY OWNER OCIE SMITH LEASE ACREAGE 87.75  
 LEASE NO. K930  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUS OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUS AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5600  
 WELL OPERATOR J.E. ENTERPRISES, INC. DESIGNATED AGENT H.L. BARNETT  
 ADDRESS P.O. Box 48 ADDRESS P.O. Box 48  
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201

MAY 21 1984

LATITUDE 39° 25'

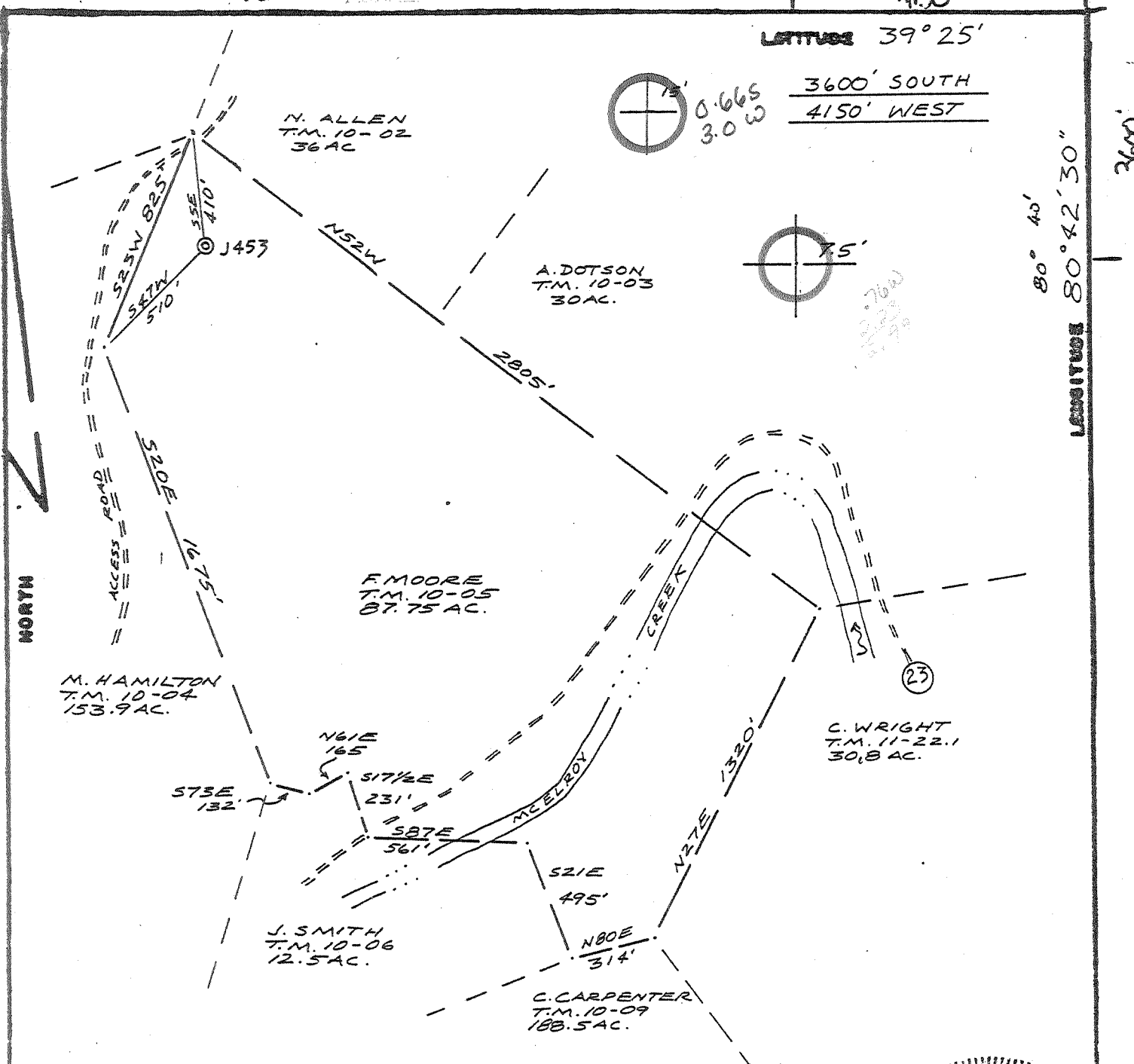
3600' SOUTH

4150' WEST



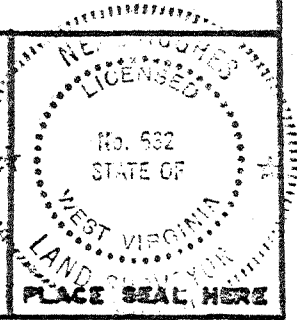
LONGITUDE 80° 42' 30"

3600'



FILE NO. K930  
 DRAWING NO. 2  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION BM 747

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) Neal Hughes  
 R.P.E. \_\_\_\_\_ L.L.S. 632



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



DATE FEB 10, 19 81  
 OPERATOR'S WELL NO J453  
 API WELL NO. 47-017-2977  
 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    SHALLOW X  
 LOCATION: ELEVATION 1120' WATER SHED McELROY CREEK  
 DISTRICT MCCLELLAN COUNTY DODDRIDGE  
 QUADRANGLE CENTER POINT 7.5' 9.15' NC  
 SURFACE OWNER FORREST MOORE ACRES 87.75  
 OIL & GAS ROYALTY OWNER OCIE SMITH LEASE ACRES 87.75  
 LEASE NO. K930  
 PROPOSED WORK: DRILL X CONVERT    DRILL DEEPER    REDRILL    FRACTURE OR  
 STIMULATE X PLUS OFF OLD FORMATION    PERFORATE NEW  
 FORMATION    OTHER PHYSICAL CHANGE IN WELL (SPECIFY)     
 PLUS AND ABANDON    CLEAN OUT AND REPLUS     
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5600  
 WELL OPERATOR J&J ENTERPRISES, INC. DESIGNATED AGENT H.L. BARNETT  
 ADDRESS P.O. Box 48 ADDRESS P.O. Box 48  
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-453

API Well No. 47 - 017-2977  
State County Perm

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

LOCATION: Elevation: 1120 Watershed: McElroy Creek  
District: McClellan County: Doddridge Quadrangle: Center Point 7.5"

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

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

OIL & GAS ROYALTY OWNER Ocie Smith et al/ Glenn Smith, Agent  
Address Rt. 50 West  
Salem, WV 26426

COAL OPERATOR None  
Address

Acreage 87.75

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Ocie Smith et al/Glenn Smith/Agent  
Address Rt. 50. West  
Salem, WV 26426

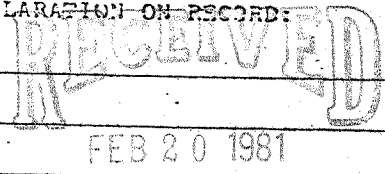
SURFACE OWNER Forrest Moore  
Address Star Route  
West Union, WV 26456  
Acreage 87.75

Name  
Address

FIELD SALE (IF MADE) TO:  
Name Unknown  
Address

COAL LESSEE WITH DECLARATION ON RECORD:  
Name None  
Address

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Steve Casey  
Address Rt. # 2, Box 232-D  
Jane Lew, WV 26378



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 x / dated 7/3, 1979, to the undersigned well operator from Key Oil Co.

[If said deed, lease, or other contract has been recorded:]  
Recorded on 8/15, 1979, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Oil & Gas lease Book 110 at page 181. 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 obligation they wish to make or are required to make by Code 5 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  
1616 WASHINGTON STREET EAST  
CHARLESTON, WV 25311

J & J Enterprises, Inc.  
Well Operator

By

Peter Battles, Coal Operator

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  
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5600 feet Rotary X / Cable tools      /

Approximate water strata depths: Fresh, 100 feet; salt, None feet.

Approximate coal seam depths: 730, 1280 Is coal being mined in the area? Yes      No X

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 <sup>3</sup> / <sub>4</sub>	H-40	42	x		30	30	0 sks.	Kinds
Fresh water	8 5/8	ERW	23	x		1450	1450	350 sks.	
Coal	8 5/8	ERW	23	x		1450	1450	350 sks.	Sizes
Intermediate									
Production	4 <sup>1</sup> / <sub>2</sub>	J-55	10.5	x		5500	5500	525 sks.	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 § 22-4-2a from the owner of any water well or drilling 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, of the W. Va. Code, the location is hereby approved for drilling     . This permit shall expire if operations have not commenced by 10-23-81

[Signature]  
Deputy Director - Oil & Gas Division

The following waiver must be signed 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