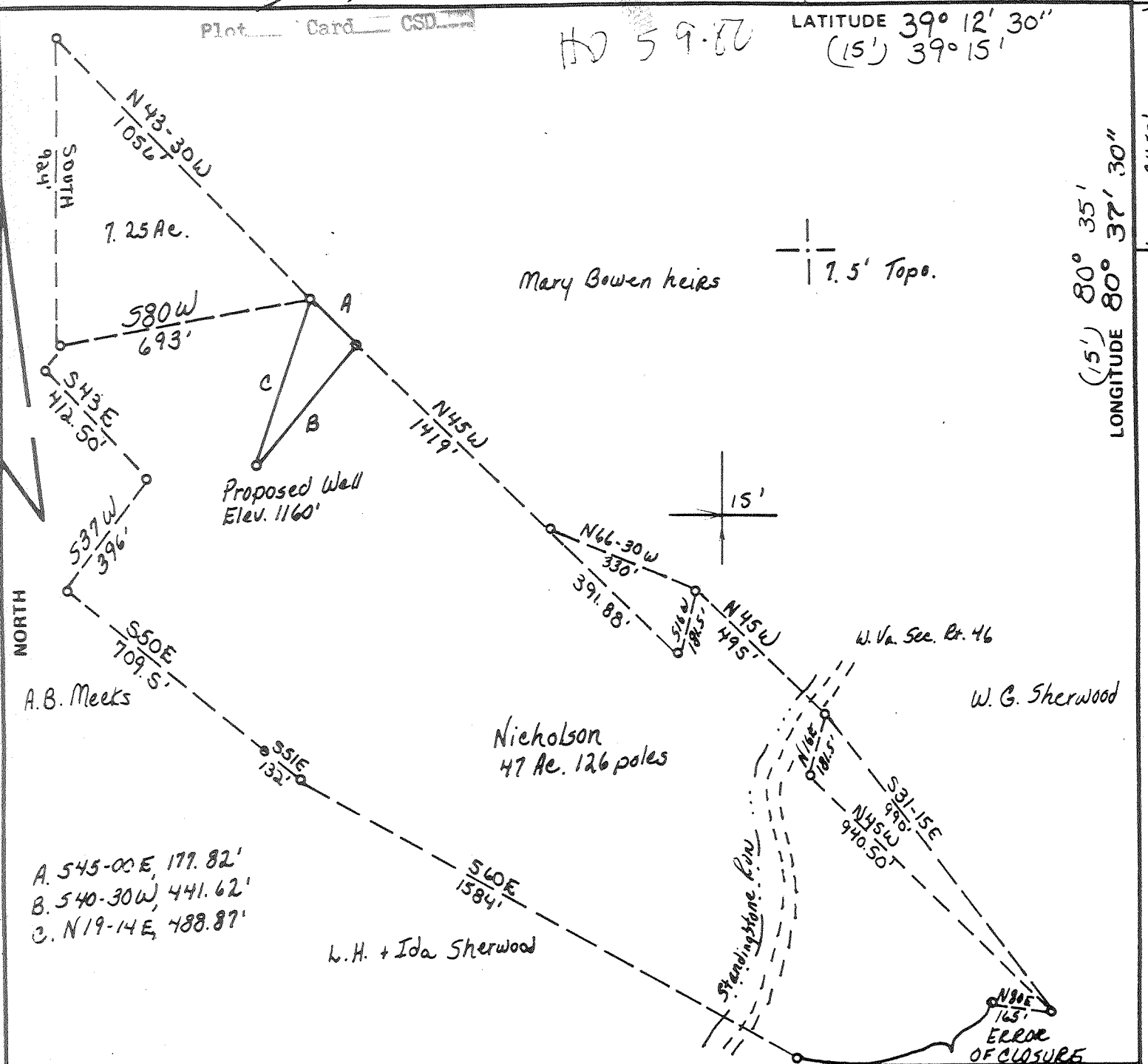


HD 59-88

LATITUDE 39° 12' 30"  
(15') 39° 15'

LONGITUDE 80° 37' 30"  
(15') 80° 35'



- A. 545-00E, 177.82'
- B. 540-30W, 441.62'
- C. N19-14E, 488.87'

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION USGS B7D Jet 25 and 25/10, 885' USGS New Milton Quad.

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) Wayne D. Poole  
 R.P.E. \_\_\_\_\_ L.L.S. 624

PLACE SEAL HERE

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



DATE March 25, 1980  
 OPERATOR'S WELL NO. En 2  
 API WELL NO. \_\_\_\_\_  
47 - 017 - 2728  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

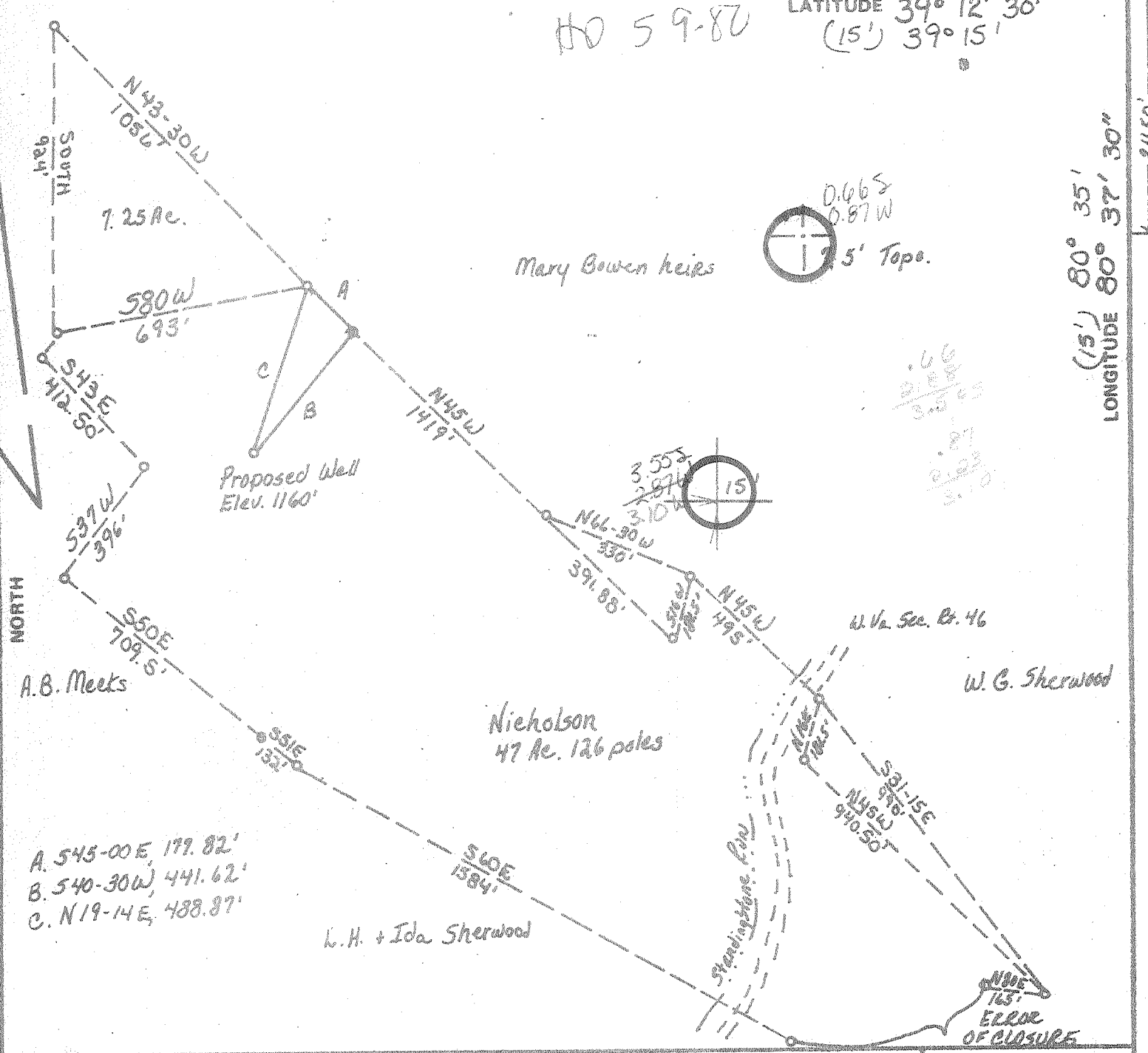
**CANCELLED**

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 1160' WATER SHED Meathouse Fork  
 DISTRICT Greenbrier COUNTY Doddridge  
 QUADRANGLE New Milton 7.5 VADIS 15'  
 SURFACE OWNER C. G. Nicholson ACREAGE 47 126 poles  
 OIL & GAS ROYALTY OWNER C. G. Nicholson LEASE ACREAGE 47 126 poles  
 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 DEVONIAN SHALE ESTIMATED DEPTH 5600  
 WELL OPERATOR East American Energy Corp. DESIGNATED AGENT James C. Recht  
 ADDRESS P.O. Box N ADDRESS P.O. Box N  
Glenville, W. Va. 26351 Glenville, W. Va. 26351

DEC 10 1988

HO 59-80

LATITUDE 39° 12' 30"  
(15) 39° 15'



A. 545-00E, 179.82'  
B. 540-30W, 441.62'  
C. N19-14E, 488.87'

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 400'  
MINIMUM DEGREE OF ACCURACY 1 in 200  
PROVEN SOURCE OF ELEVATION USGS BM det 25 and 25/10, 885, USGS New Milton Quad.

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) Wayne D. Poole  
R.P.E. \_\_\_\_\_ L.L.S. 624

PLACE SEAL HERE

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



DATE March 25, 1980  
OPERATOR'S WELL NO. Fe # 2  
API WELL NO. \_\_\_\_\_  
47 - 017 - 2728  
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 1160' WATER SHED Meathouse Fork  
DISTRICT Greenbrier COUNTY Doddridge  
QUADRANGLE New Milton 7.5 VADIS 15' NC  
SURFACE OWNER C. G. Nicholson ACREAGE 47 126 poles  
OIL & GAS ROYALTY OWNER C. G. Nicholson LEASE ACREAGE 47 126 poles  
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 DEVONIAN SHALE ESTIMATED DEPTH 5600  
WELL OPERATOR East American Energy Corp. DESIGNATED AGENT James C. Recht  
ADDRESS PO Box N ADDRESS PO Box N  
Glenville, W. Va. 26351 Glenville, W. Va. 26351

JUN 17 1980

Date: April 28, 1980

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's  
Well No. C. G. Nicholson #2

API Well No. 47-017-2728  
State County Permit

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

LOCATION: Elevation: 1160' Watershed: Standing Stone Run  
District: Greenbrier County: Doddridge Quadrangle: New Milton 7 1/2

WELL OPERATOR Eastern American Energy Corporation DESIGNATED AGENT James C. Recht  
Address P.O. Box #67 Address P.O. Box #67  
Glenville, WV 26351 Glenville, WV 26351

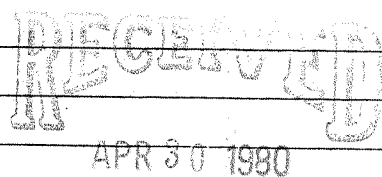
OIL & GAS ROYALTY OWNER C. G. Nicholson  
Address Standing Stone Run  
Doddridge County, WV

COAL OPERATOR None  
Address: \_\_\_\_\_

ACREAGE 47A  
SURFACE OWNER C. G. Nicholson  
Address Standing Stone Run  
Doddridge County, WV  
ACREAGE 47A

COAL OWNER(S) WITH DECLARATION ON RECORD:

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_



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

Address OIL & GAS DIVISION  
DEPT. OF MINES

COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Paul Garrett  
Address 321 Beech St.  
Clarksburg, WV 26301

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed  / lease  / other contract  / dated February 13, 1980, from Clarence W. Mutschelknaus

[If said deed, lease, or other contract has been recorded:]  
Recorded on February 19, 1980, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 113 at page 279. 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.

**BLANKET BOND**

Eastern American Energy Corporation  
Well Operator  
F. H. McCullough III  
By F. H. McCullough III  
Vice President

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

[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) S. W. Jack, Inc.

Address Buckhannon, WV 26201  
Phone: 472-2161

GEOLOGICAL TARGET FORMATION, Devonian Shale

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

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

Approximate coal seam depths: UNKNOWN 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	20	J-55	94 lb.		X	25	0	0	Kinds
Fresh water	8-5/8	J-55	20 lb.	X		1200	1200	Surface	
Coal									Sizes
Intermediate									
Production	4 1/2	CW	10.5	X		5500	5500	300 sks.	Depths set
Tubing	1 1/2	H-40	2.5	X		----	5300		
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 will 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.~~  
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 1-9-81.

Robert F. [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