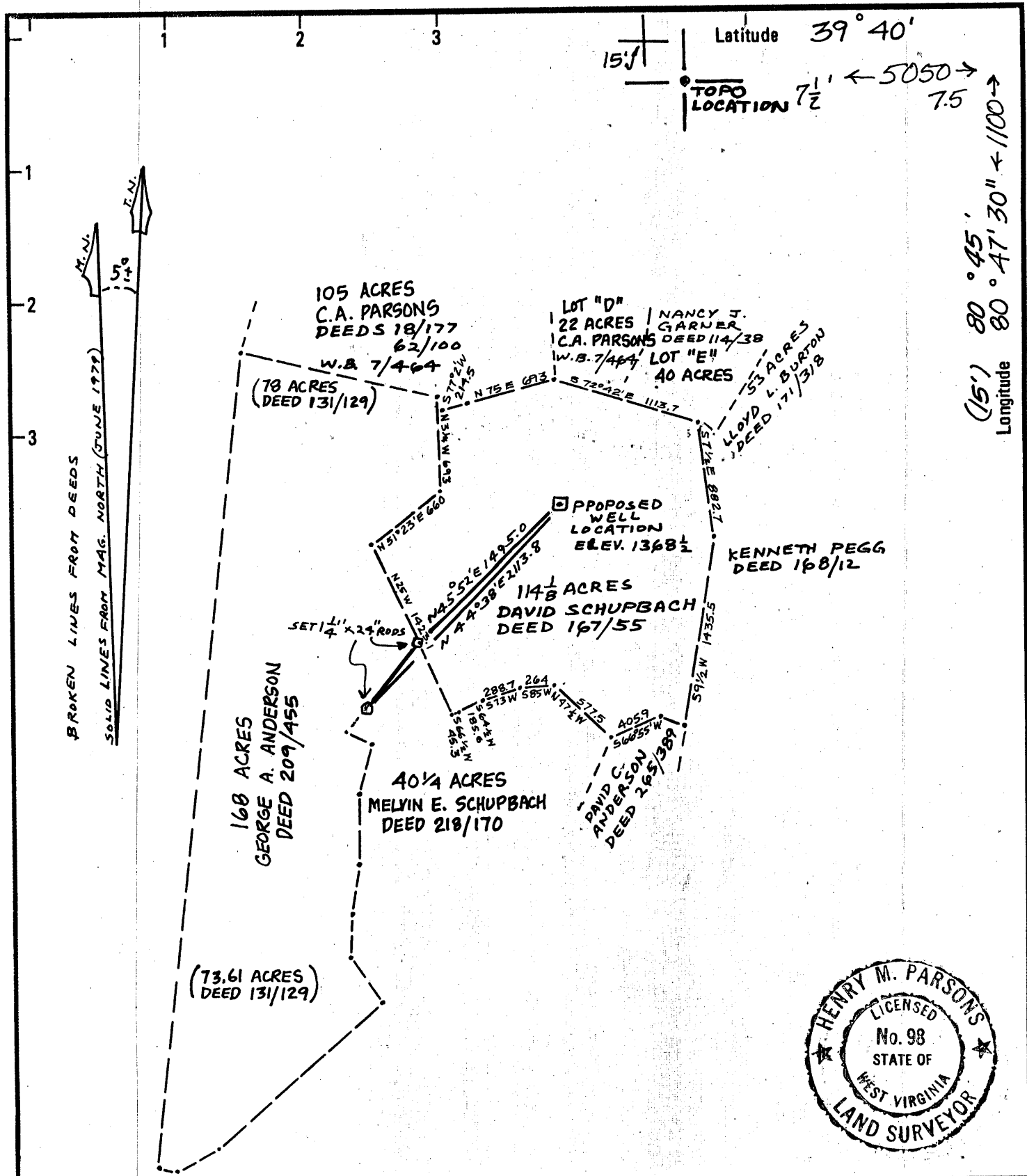


4/29/79



New Location

Drill Deeper

Abandonment

Minimum Error of Closure METHOD USED SHOULD PRODUCE 1 IN 2500  
 Source of Elevation U.S.G.S. TRIANGULATION STATION (MCGRAY ECCENTRIC 1957)  
 WITH AN ELEVATION OF 1344  
 "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. Henry M. Parsons"

Company MOBAY CHEMICAL CORPORATION

Address NEW MARTINSVILLE, W.VA.

Farm DAVID SCHUPBACH

Tract \_\_\_\_\_ Acres 114.12 Lease No. \_\_\_\_\_

Well (Farm) No. SCHUPBACH #1 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 1368 1/2

Quadrangle NEW MARTINSVILLE, 7 1/2, 15'

County WETZEL District MAGNOLIA

SURVEYOR HENRY M. PARSONS

Engineer's Registration No. 98

File No. 74-81 Drawing No. \_\_\_\_\_

Date JUNE 19, 1979 Scale 1" = 1000'

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

WELL LOCATION MAP  
 FILE NO. 47-103-1167

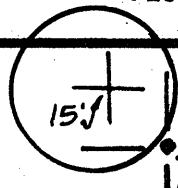
*Cancelled*

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown

FEB 9 1987

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

Number 5400'



Latitude 39° 40'

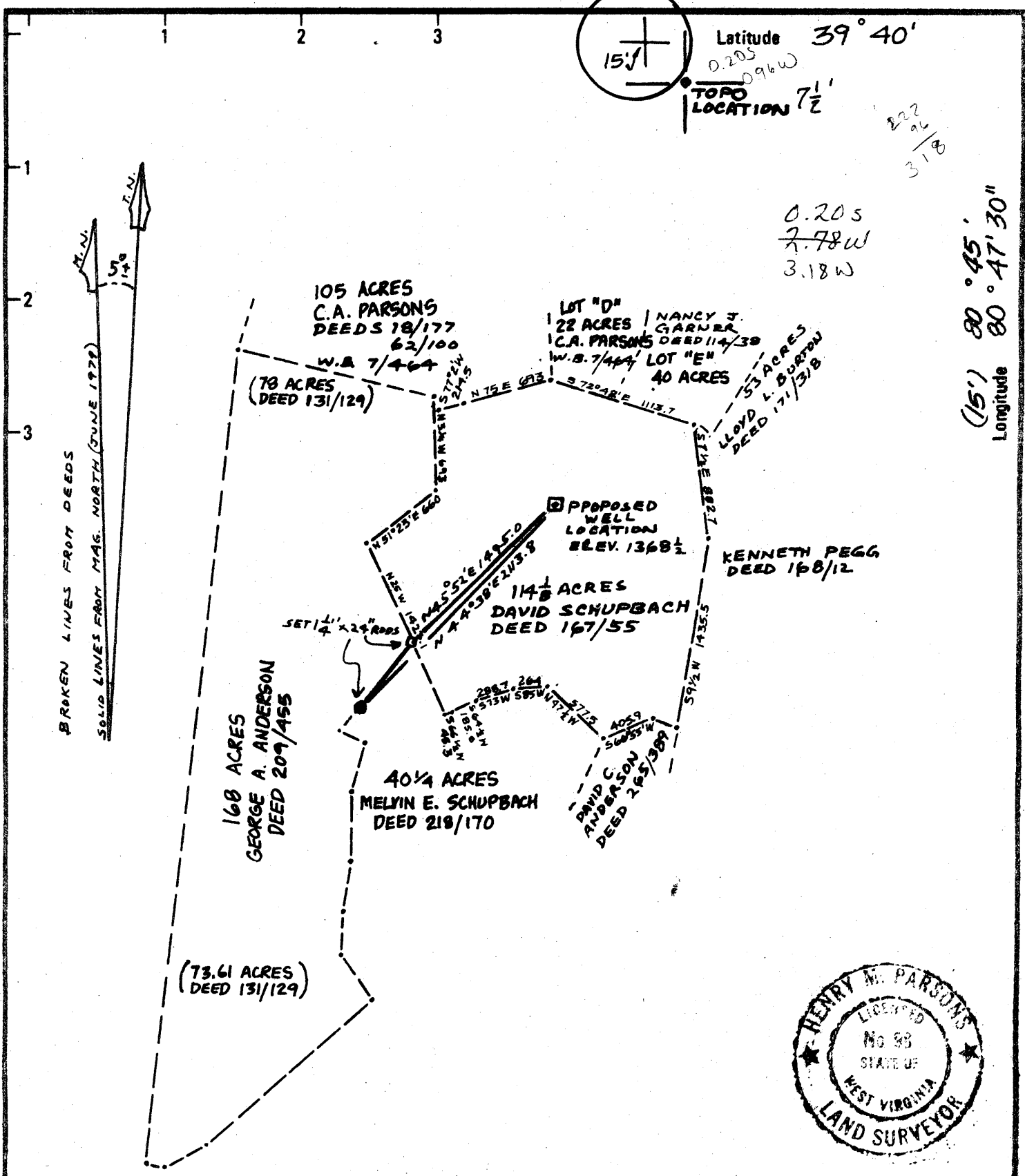
0.205  
0.96W

TOPO LOCATION 7 1/2'

222  
26  
318

0.205  
2.78W  
3.18W

(15') 80° 45' 80° 47' 30"  
Longitude



New Location   
 Drill Deeper   
 Abandonment

Minimum Error of Closure METHODS USED SHOULD PRODUCE 1 IN 2500.  
 Source of Elevation U.S.G.S. TRIANGULATION STATION (MCCRAY ECCENTRIC 1951)  
 WITH AN ELEVATION OF 1344  
 "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. *Henry M. Parsons*

Company MOBAY CHEMICAL CORPORATION  
 Address NEW MARTINSVILLE, W.VA.  
 Farm DAVID SCHUPBACH  
 Tract \_\_\_\_\_ Acres 114.12 Lease No. \_\_\_\_\_  
 Well (Farm) No. SCHUPBACH #1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1368 1/2  
 Quadrangle NEW MARTINSVILLE, 7 1/2, 15'  
 County WETZEL District MAGNOLIA  
 SURVEYOR HENRY M. PARSONS  
 Engineer's Registration No. 98  
 File No. 74-81 Drawing No. \_\_\_\_\_  
 Date JUNE 19, 1979 Scale 1" = 1000'

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

**WELL LOCATION MAP**  
 FILE NO. 47-103-1167

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.  
 - Denotes one inch spaces on border line of original tracing.

AUG 7 1979

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. #1 D. Schupbach  
API Well No. 47-103-1167  
State County Permit

WELL TYPE: Oil      / Gas X /  
(If "Gas", Production X / Underground storage      / Deep      / Shallow X /)  
LOCATION: Elevation: 1368.5 Watershed: Haynes Run  
District: Magnolia County: Wetzel Quadrangle: New Martinsville

WELL OPERATOR Mobay Chemical Corporation  
Address Penn Lincoln Parkway West  
Pittsburgh, PA 15205

DESIGNATED AGENT Mobay Chemical Corporation  
Address New Martinsville, WV 26155

OIL & GAS ROYALTY OWNER David E. and Wayne A. Schupbach  
Address Rte. 1, Box 23  
New Martinsville, WV 26155

COAL OPERATOR None  
Address JUN 28 1979

ACREAGE 114.125  
SURFACE OWNER Same  
Address       
      
ACREAGE 114.125

COAL OWNER(S) WITH DECLARATION ON RECORD  
DEPT. OF MINES  
Name David E. and Wayne A. Schupbach  
Address Rt. 1, Box 23  
New Martinsville, WV 26155

FIELD SALE (IF MADE) TO:  
Name Mobay Chemical Corporation  
Address New Martinsville, WV 26155

Name       
Address     

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Phillip Tracy  
Address Middlebourne, WV 26149  
304-758-4573

COAL LESSEE WITH DECLARATION ON RECORD:  
Name Atlantic Richfield  
Address 1500 Security Life Building  
Denver, CO 80202

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed      / lease X / other contract      / dated 12/19/ 19 75, to the undersigned well operator from David E. and Wayne A. Schupbach

[If said deed, lease, or other contract has been recorded:]  
Recorded on Jan. 6 19 76, in the office of the Clerk of the County Commission of Wetzel County, West Virginia, in Oil & Gas Book 56A at page 325. 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  
615 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
TELEPHONE: (304) 262-2202

MOBAY CHEMICAL CORPORATION  
Well Operator

By S. L. Haddad  
Its HADDAD AND BROOKS, INC., agent for  
Mobay Chemical Corporation

BLANKET BOND

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 43 S. Ninth Street

Indiana, PA 15701

GEOLOGICAL TARGET FORMATION, Alexander Formation

Estimated depth of completed well, 5400 feet Rotary  / Cable tools

Approximate water strata depths: Fresh, 100 feet; salt, 1850 feet.

Approximate coal seam depths: 1050' 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)	PARTS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	11 3/4		42#	X		200'	200'	cement to surface	
Coal									Lines
Intermediate	8 5/8	K55	24#	X		2050'	2050'	75 sx neat & gel to surface	
Production	4 1/2	K55	10.50#	X		as needed	--	cement as needed	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 plan 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 filed 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 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 where such as 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 3-19-80

*[Signature]*  
Deputy Director, Oil & Gas Division

This permit 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