

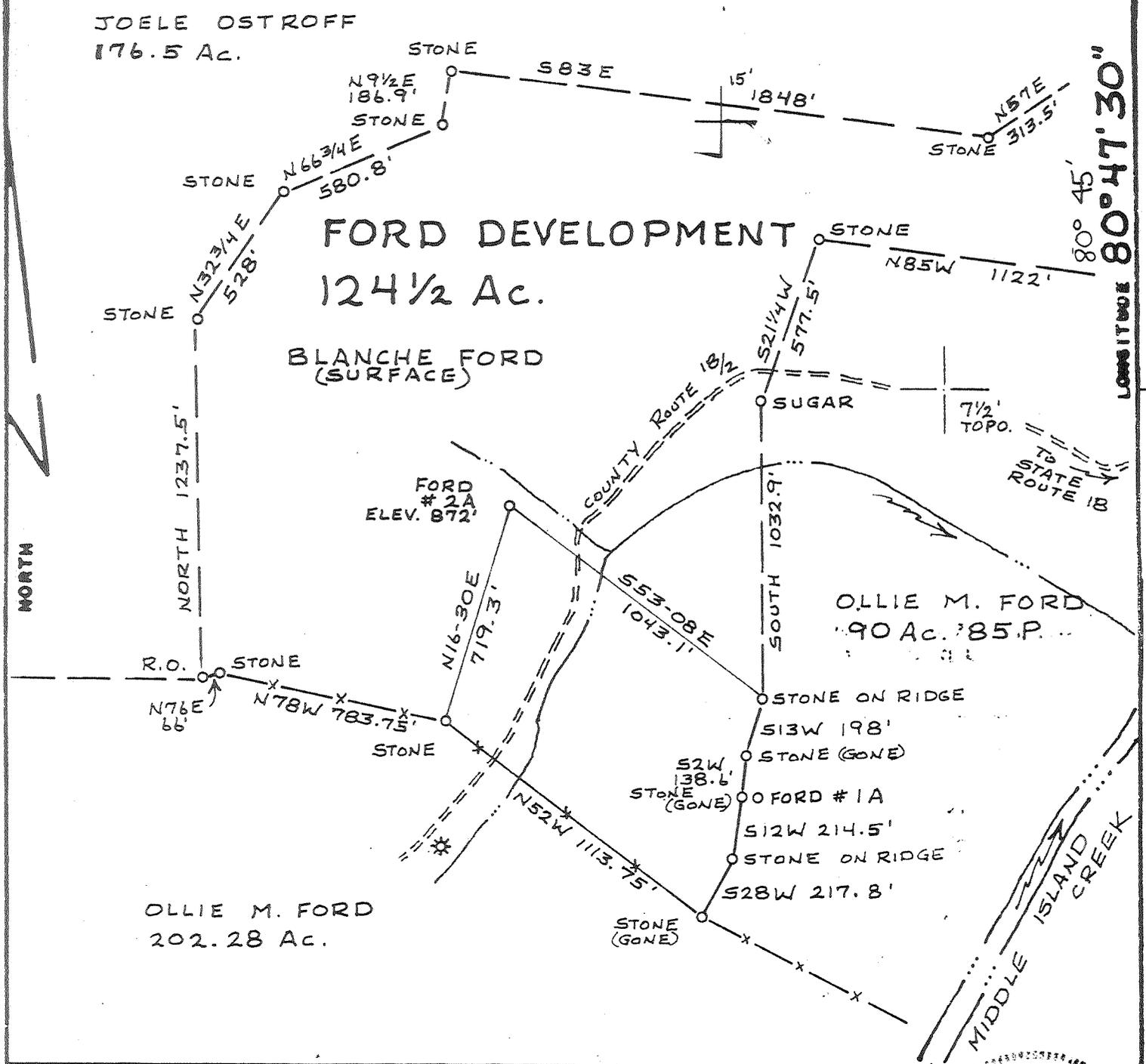
M.L. 12-77-81

2,660'

LATITUDE 39°20'

LONGITUDE 80°47'30"

5,950'



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION HIGH POINT ELEV. 954'

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 Stickling
 R.P.E. _____ L.L.S. 715



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-79)



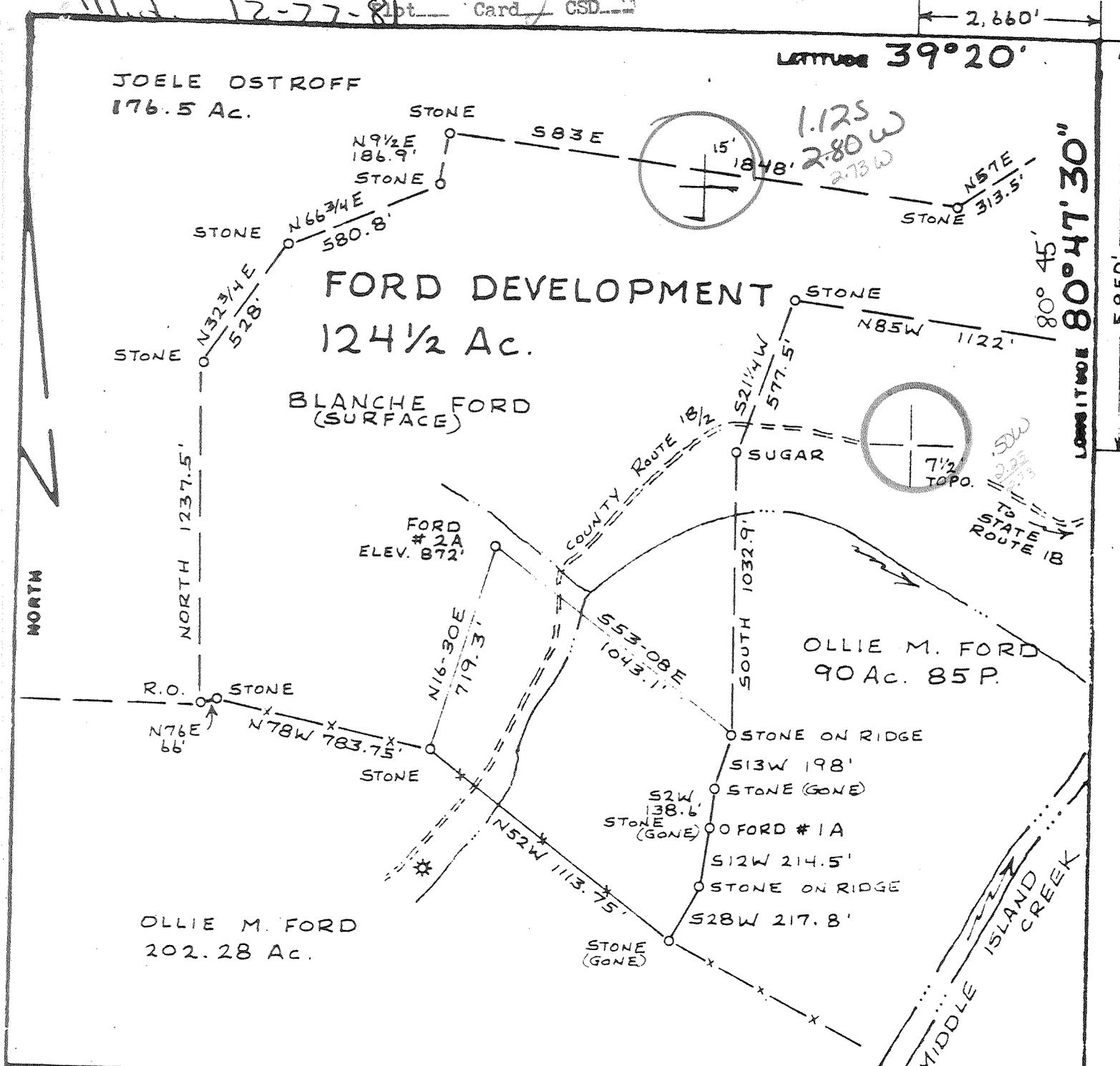
DATE 12 DECEMBER 1981
 OPERATOR'S WELL NO 2A
 API WELL NO. 47-017-3071
 STATE COUNTY PERMIT

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 872' WATER SHED MIDDLE ISLAND CREEK
 DISTRICT WEST UNION COUNTY DODDRIDGE
 QUADRANGLE WEST UNION, W. VA. 7 1/2' QUAD.
 SURFACE OWNER BLANCHE FORD ACREAGE 124 1/2
 OIL & GAS ROYALTY OWNER FORD DEVELOPMENT LEASE ACREAGE 124 1/2
 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 GORDON ESTIMATED DEPTH 3000'
 WELL OPERATOR FORD DEVELOPMENT DESIGNATED AGENT P.D. FARR MAY 02 1983
 ADDRESS P.O. Box 128 ADDRESS P.O. Box 128
WEST UNION, W. VA. 26456 WEST UNION, W. VA. 26456



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION HIGH POINT ELEV. 954'

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 Stickling*
 R.P.E. _____ L.L.S. 715

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-8 (8-79)

DATE 12 DECEMBER 1981
 OPERATOR'S WELL NO. 2A
 API WELL NO. 47-017
 STATE COUNTY PERMIT 3071



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 872' WATER SHED MIDDLE ISLAND CREEK
 DISTRICT WEST UNION COUNTY DODDRIDGE
 QUADRANGLE WEST UNION, W. VA. 7 1/2' QUAD. 415 SC
 SURFACE OWNER BLANCHE FORD ACREAGE 124 1/2
 OIL & GAS ROYALTY OWNER FORD DEVELOPMENT LEASE ACREAGE 124 1/2
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ GRILL 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 GORDON ESTIMATED DEPTH 3000'
 WELL OPERATOR FORD DEVELOPMENT DESIGNATED AGENT P.D. FARR
 ADDRESS P.O. Box 128 ADDRESS P.O. Box 128
WEST UNION, W. VA. 26456 WEST UNION, W. VA. 26456

JAN 26 1982



Well No. 2A

Farm Ida Ford

API # 47 - 017 - 3071

Date December 23, 1981

STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas /

(If "Gas", Production / Underground storage / Deep / Shallow /

LOCATION: Elevation: 872' Watershed: Middle Island Creek
District: West Union County: Doddridge Quadrangle: West Union, WV 7-1/2'

WELL OPERATOR Ford Development Co.
Address P. O. Box 128
West Union, WV 26456

DESIGNATED AGENT Pete Farr
Address P. O. Box
West Union, WV 26456

OIL AND GAS
ROYALTY OWNER Ford Development Co.
Address P. O. Box 128
West Union, WV 26456

COAL OPERATOR _____
Address _____

Acreage 124-1/2

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME _____
Address _____

SURFACE OWNER Blanche Ford
Address _____
Acreage 124-1/2

NAME _____
Address _____

FIELD SALE (IF MADE) TO:
NAME _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME _____
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME _____
Address _____
Telephone _____

RECEIVED

DEC 24 1981

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 / other contract / dated 5-17, 1960, by the undersigned well operator from Ida F. Ford.

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

Recorded on May 18, 1960, in the office of the Clerk of County Commission of

 County, West Virginia, in Lease Book/63 at page 459. 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 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 GEOLOGICAL LOGS DIRECTLY TO:

Ford Development Co.
Well Operator

WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
115 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

By: P. D. Farr

Its: designated agent

BOND DRILL

(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) Gene Stalnaker

Address _____

GEOLOGICAL TARGET FORMATION Carbon

Estimated depth of completed well _____ feet. Rotary ___ / Cable tools ___ /
Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.
Approximate coal seam depths: _____
Is coal being mined in this area: Yes ___ / No ___ /

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 | | |
| Conductor | | | | X | | 100 | <u>to surface</u> | Kinds |
| Fresh water | | | | | | | | |
| Coal | | | | | | | | Sizes |
| Intermed. | 8-5/8 | J-55 | 24.5 | X | | 1,000 | 1,000 | To Surface |
| Production Tubing | 4-1/2 | J-55 | 10.5 | X | | | 3,000 | 250 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, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 8-30-82.

John D. Campbell
Deputy Director - Oil & Gas Division

Lawson

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 regularions.

Date: _____, 19____.

By: _____

Its: _____