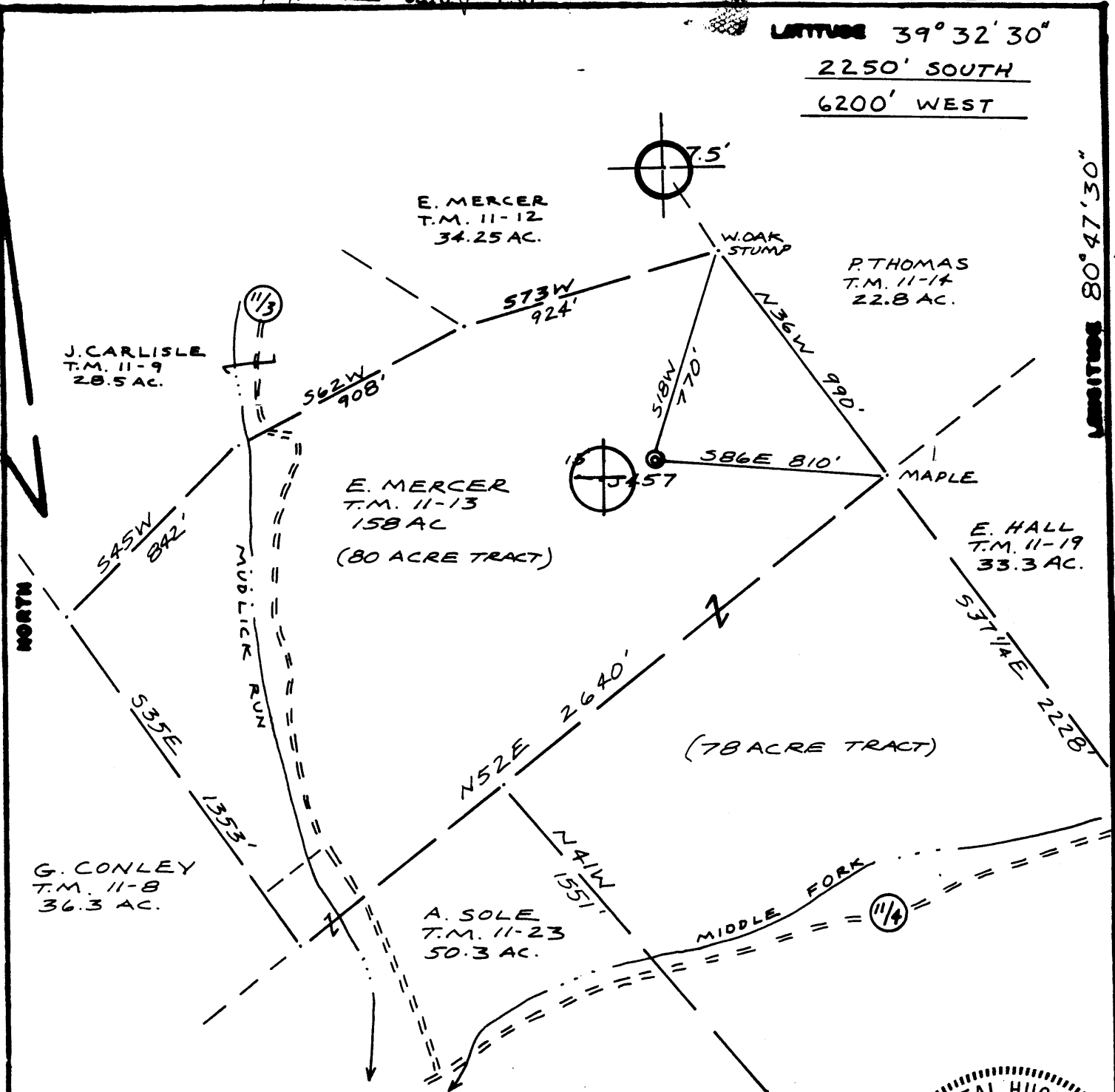
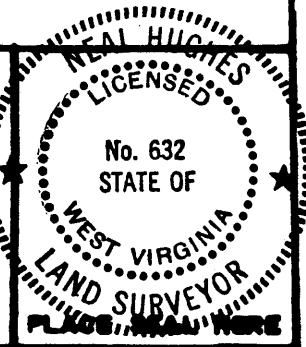


LATITUDE 39° 32' 30"
 2250' SOUTH
 6200' WEST



FILE NO. J1030
 DRAWING NO. 1
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION BM 774

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 JAN 27, 19 81
 OPERATOR'S WELL NO. J457
 API WELL NO. 47-095-0903
 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 1123' WATER SHED MIDDLE FORK (ELK FORK)
 DISTRICT ELLSWORTH COUNTY TYLER
 QUADRANGLE PORTER T.5'
 SURFACE OWNER EDNA MERCER ETAL ACREAGE 158
 OIL & GAS ROYALTY OWNER EDNA MERCER ETAL LEASE ACREAGE 158
 LEASE NO. J+J 1030
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUS 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 5700 FEB 14 1983
 WELL OPERATOR J & J Enterprises, Inc. DESIGNATED AGENT Roger Ralston
 ADDRESS P.O. Box 48 ADDRESS P.O. Box 48
Buckhannon, W.Va. 26201 Buckhannon, W.Va. 26201

26 3/4

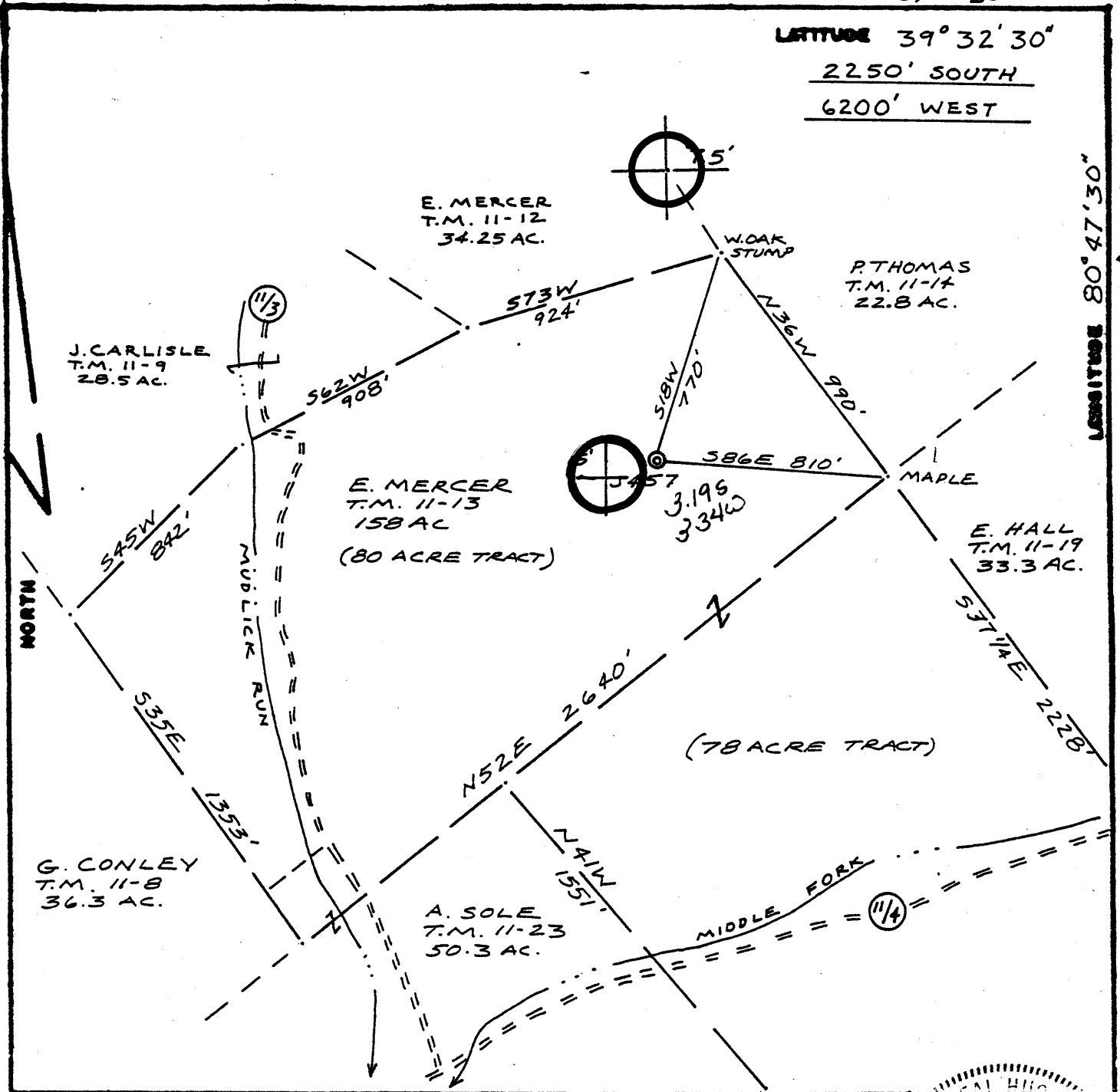
39° 35'

LATITUDE 39° 32' 30"

2250' SOUTH

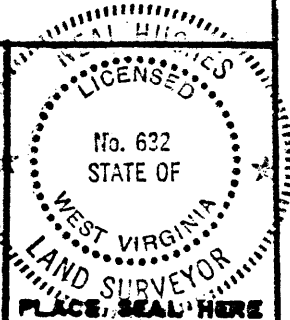
6200' WEST

LONGITUDE 80° 47' 30" 80° 45'



FILE NO. J1030
 DRAWING NO. 1
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION BM 774

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 JAN 27, 19 81
 OPERATOR'S WELL NO J457
 API WELL NO. 47-095-0903
 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 1123' WATER SHED MIDDLE FORK (ELK FORK)
 DISTRICT ELLSWORTH COUNTY TYLER
 QUADRANGLE PORTER FALLS 7.5' SE New Martinsville 15'
 SURFACE OWNER EDNA MERCER ET AL ACREAGE 158
 OIL & GAS ROYALTY OWNER EDNA MERCER ET AL LEASE ACREAGE 158
 LEASE NO. J-1030
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLY _____
 TARGET FORMATION Devonian Shale ESTIMATED DEPTH 5700
 WELL OPERATOR J & J Enterprises, Inc. DESIGNATED AGENT Roger Polston
 ADDRESS P.O. Box 48 ADDRESS P.O. Box 48
Buckhannon, W.Va. 26201 Buckhannon, W.Va. 26201

MAR 23 1981

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-457

API Well No. 47 - 095 0903
State County Pe

WELL TYPE: Oil ___ / Gas x /
(If "Gas", Production x / Underground storage ___ / Deep ___ / Shallow x /)
LOCATION: Elevation: 1123 Watershed: Middle Fork (Elk Fork)
District: Ellsworth County: Tyler Quadrangle: Porter Falls 7.5'

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

DESIGNATED AGENT Roger Rolston
Address P.O. Box 48
Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER Edna Mercer et al/Edna Mercer
Address 304 Doddridge St.
Middlebourne, WV 26149

COAL OPERATOR None
Address:

ACREAGE 158
SURFACE OWNER Clarence W. Mercer / Margaret Mercer
Address 304 Doddridge St. / 105 5th St.
Middlebourne, WV Madison, WV 25130
ACREAGE 158

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Clarence W. Mercer, Jr./Margaret M. Sharps
Address 304 Doddridge St./105 5th Ave.
Madison, WV 25130

FIELD SALE (IF MADE) TO:
Name Unknown
Address:

Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Phillip Lee Tracy
Address Rt. # 23
Alma, WV 26320

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address
MAR - 7 1981

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 x / other contract ___ / dated 4/26, 1971, to the undersigned well operator from Edna Mercer et al

[If said deed, lease, or other contract has been recorded:]
Recorded on 1/9, 1981, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in Deed Book 188 at page 533. 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 § 20-4-3 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 SEISMOLOGICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311

MARKET BOND

J & J Enterprises, INC.
Well Operator
By: Peter Battles
Peter Battles
Its 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
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Devonian Shale

Estimated depth of completed well, 5700 feet Rotary / Cable tools /

Approximate water strata depths: Fresh, 350 feet; salt, 0 feet.

Approximate coal seam depths: 400 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	23	x		1850	1850	450 sks.	
Coal	8 5/8	ERW	23	x		1850	1850	450 sks.	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	x		5650	5650	550 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 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 **THIS PERMIT MUST BE POSTED AT THE WELL SITE** 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 11-5-81


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 _____