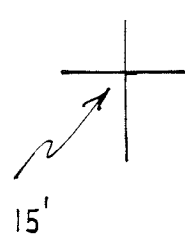
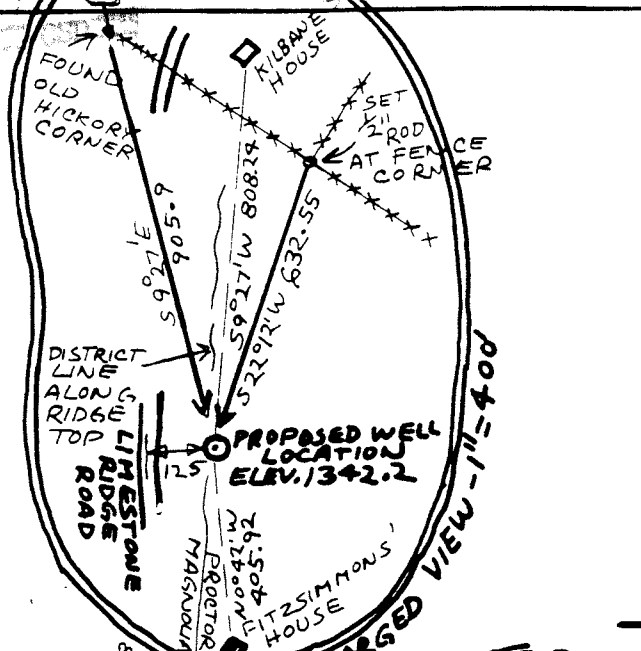


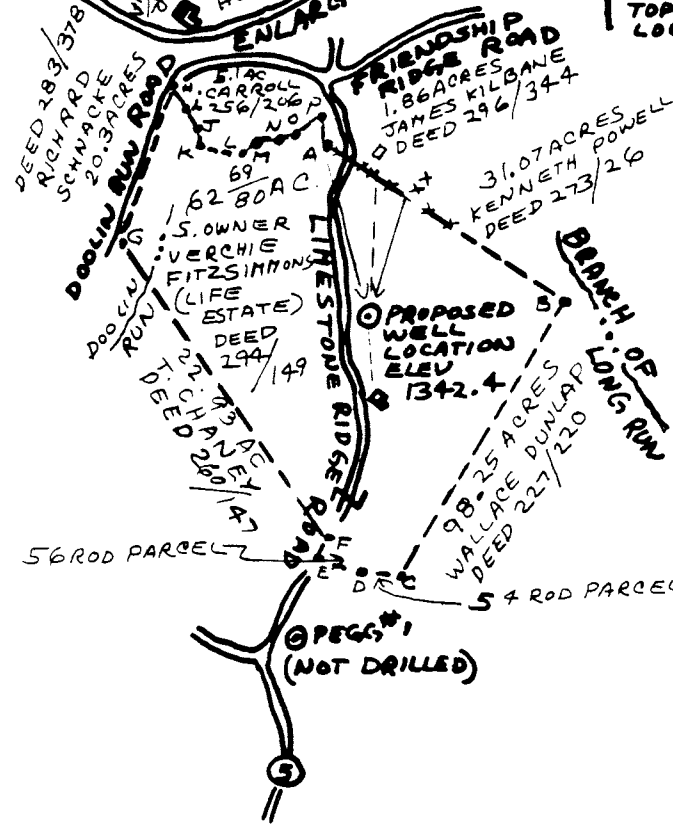
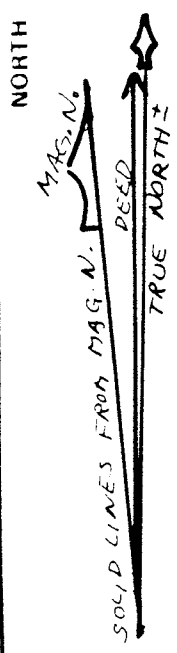
LATITUDE 39°40'

LONGITUDE 80°45'



TOPO LOCATION

A-B	S 55 3/4 E	1452
B-C	S 31 1/4 W	1645.05
C-D	N 80 W	206.25
D-E	N 71 W	231
E-F	N 30 E	132
F-G	N 33 3/4 W	1845.8
G-H	N 19 E	848.6
H-I	S 24 1/2 E	125.5
I-J	S 34 1/2 E	132
J-K	S 1/2 E	95.7
K-L	S 78 1/2 E	206.25
L-M	N 61 1/2 E	99
M-N	N 84 3/4 E	123.75
N-O	S 68 E	99
O-P	S 51 1/4 E	99
P-A	S 2 3/4 W	165



FILE NO 90-5749-Q
 DRAWING NO 90-5749-Q
 SCALE 1"=1000' & 1"=400'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION E-130 GEODETIC B.M. AT HEAD OF POOLIN RUN ON NEW MARTINSVILLE TOP

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) Henry M. Parsons
 R.P.E. _____ L.L.S. # 98



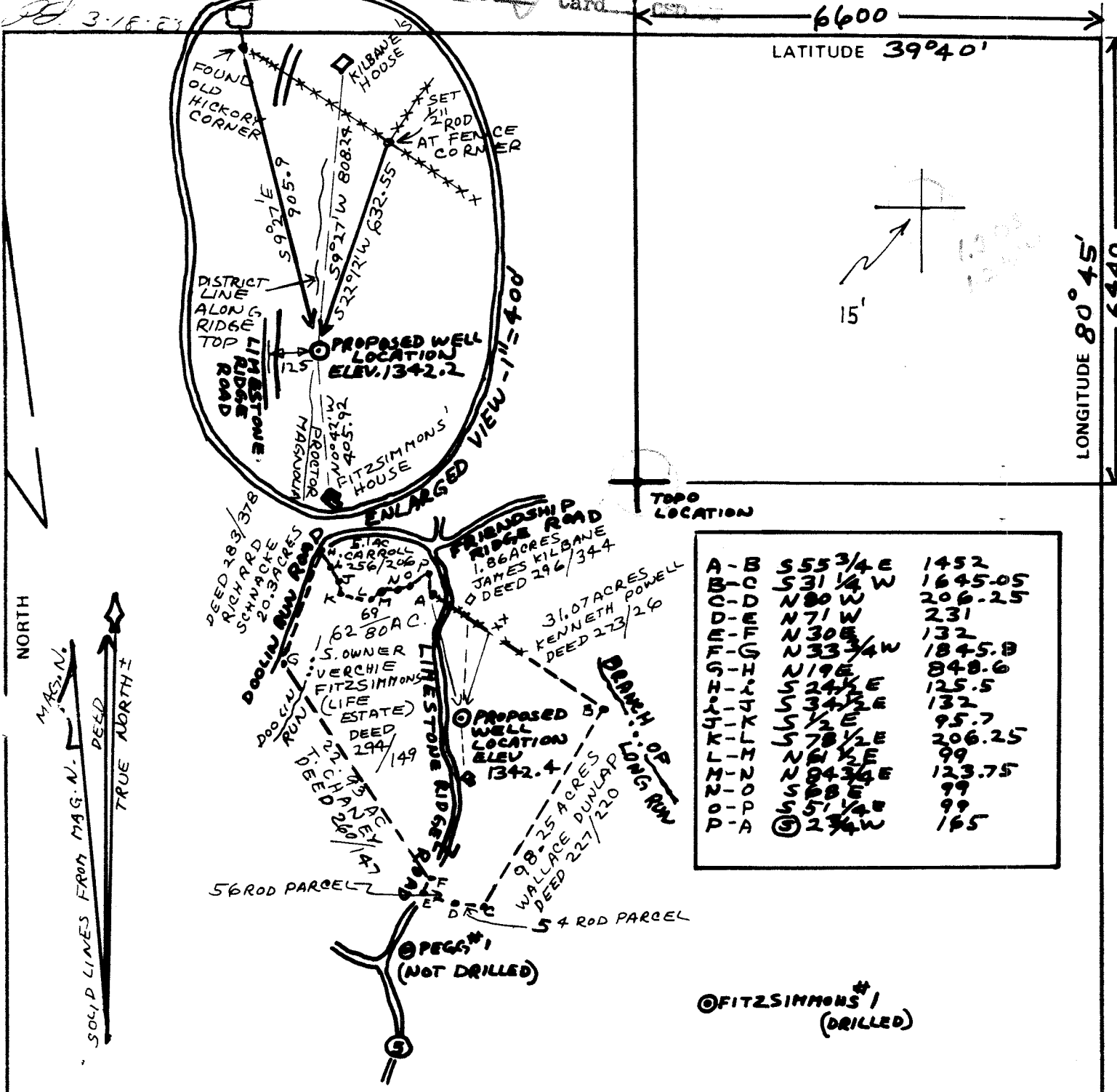
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE OCT 25, 1982
 OPERATOR'S WELL NO. FITZSIMMONS#2
 API WELL NO. 103
47 - WETZEL 1281
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL X GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW X
 LOCATION: ELEVATION 1342.4 WATER SHED POOLIN RUN AND A BRANCH OF LONG RUN
 DISTRICT PROCTOR & MAGNOLIA COUNTY WETZEL
 QUADRANGLE NEW MARTINSVILLE
 SURFACE OWNER NOWARD L. FITZSIMMONS, CLYDE FITZSIMMONS AND HELEN M. GODDARD (LIFE ESTATE - VERCHIE FITZSIMMONS) ACREAGE 62 69/80
 OIL & GAS ROYALTY OWNER (AS ABOVE) LEASE ACREAGE 187.0
 LEASE NO. MO-2-405
 PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION WARREN ESTIMATED DEPTH 4100'
 WELL OPERATOR HARRAD AND BRUNS INC. DESIGNATED AGENT HENRY M. PARSONS
 ADDRESS 905 WASHINGTON ROAD P.O. BOX 714 WASHINGTON, PA 15301-1153 ADDRESS 121 GLENVIEW DRIVE NEW MARTINSVILLE, W.VA. 26155

FORM IV-6 (8/78)



FILE NO. 80-5749-Q
 DRAWING NO. 80-5749-Q
 SCALE 1" = 1000' & 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION F-130 GEODETIC B.M. AT HEAD OF DOOLIN RUN ON NEW MARTINSVILLE TOPO

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) Henry M. Parsons
 R.P.E. _____ L.L.S. # 98



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE OCT 25, 1982
 OPERATOR'S WELL NO. FITZSIMMONS #2
 API WELL NO. 103
47 - WETZEL 1281
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1342.4 WATER SHED DOOLIN RUN AND A BRANCH OF LONG RUN
 DISTRICT PROCTOR & MAGNOLIA COUNTY WETZEL
 QUADRANGLE NEW MARTINSVILLE
 SURFACE OWNER CLYDE FITZSIMMONS AND HELEN M. GODDARD ACREAGE 62 69/80
 OIL & GAS ROYALTY OWNER CLYDE FITZSIMMONS AND HELEN M. GODDARD (AS ABOVE) LEASE ACREAGE 187.0
 LEASE NO. MO-2-405

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 WARREN ESTIMATED DEPTH 4100'
 WELL OPERATOR HADDAD AND BRUNS INC DESIGNATED AGENT HENRY M. PARSONS
 ADDRESS 985 WASHINGTON ROAD P.O. BOX 714 WASHINGTON, PA 15301-1152 ADDRESS 121 GLENVIEW DRIVE NEW MARTINSVILLE, W.VA. 26155

FORM IV-6 (8-78)

APR 4 1983



1) Date: March 14, 1983
 2) Operator's Well No. Fitzsimmons 52
 3) API Well No. 47 State WV County Putnam Permit 103

DRILLING CONTRACTOR:
Not Known at Present

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas X /
 B (If "Gas", Production X / Underground storage / Deep / Shallow X /)
- 5) LOCATION: Elevation: 1342 Watershed: Putnam Run and a branch of Long Run
 District: Putnam and Macdonald County: Putnam Quadrangle: New Martinsville
- 6) WELL OPERATOR Haddad & Brown, Inc. 11) DESIGNATED AGENT Harry H. Parsons
 Address 126 Washington Rd., P.O. Box 714 Address 121 Glenview Drive
Washington, PA 15301-1153 New Martinsville, WV
- 7) OIL & GAS ROYALTY OWNER Virchie Fitzsimmons 12) COAL OPERATOR
 Address Route 7 Box 89 Address
New Martinsville, WV 26145
- 8) SURFACE OWNER Virchie Fitzsimmons, et al 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Route 7 Box 89 Name State of West Virginia
New Martinsville, WV 26145 Address State Capital Building
Charleston, WV 25305
- 9) FIELD SALE (IF MADE) TO:
 Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert A. Lowther
 Address General Delivery
Middlebourne, WV 26149
- 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name
 Address
- 15) PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Carboniferous
- 17) Estimated depth of completed well, 4100 feet
- 18) Approximate water strata depths: Fresh, 1000 feet; salt, 1850 feet.
- 19) Approximate coal seam depths: 1000 1100 Is coal being mined in the area? Yes / No X

20) 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"					0'	60'	35 sacks	Kinds
Fresh water									
Coal									Sizes
Intermediate	6 3/4"					130'	120'	330 sacks	
Production	4 1/2"					4100'	4100'	300 sacks	Depths set
Tubing								as permitted	
Liners								by rule 10'	Perforations:
									Top Bottom

21) EXTRACTION RIGHTS

- Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)

24) 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.

Notary:
 My Commission Expires

Signed:
 Its: Executive Vice President

OFFICE USE ONLY
 DRILLING PERMIT

Permit number Date 19

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires December 1, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee

Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—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.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) 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.
- 24) **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.**

.....

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.

WAIVER

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 _____