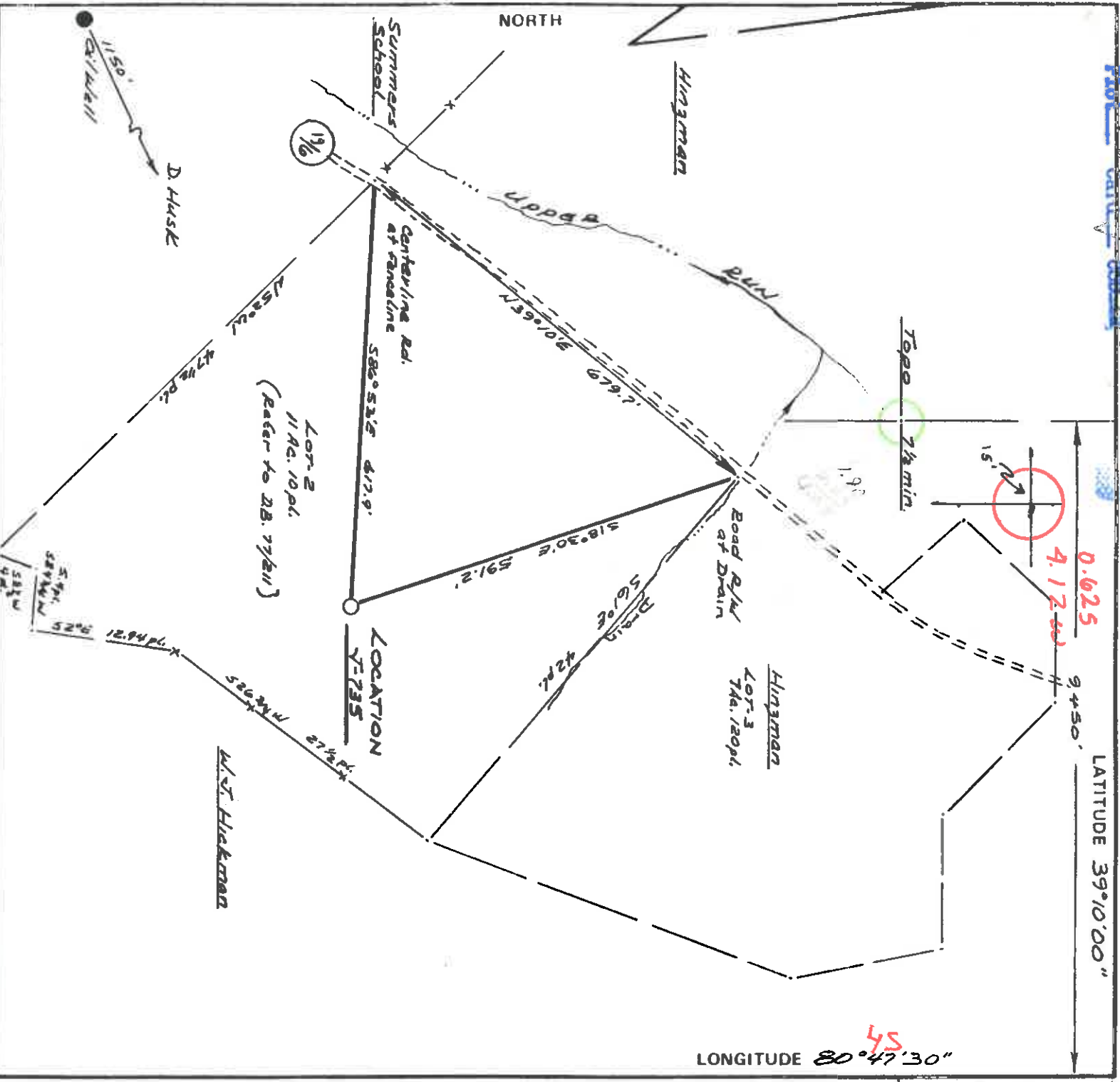


11/11/87

11/11/87

LATITUDE 39°10'00"

LONGITUDE 80°47'30"



FILE NO. 34601
 DRAWING NO. 82-23
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1/12 200'
 PROVEN SOURCE OF ELEVATION B.M. 825' West of Location.

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) Richard D. Edwards
 R.P.E. Richard D. Edwards L.S. 555

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE 2 November 19 82
 OPERATOR'S WELL NO. Y-735
 API WELL NO. 47-017-3191
 STATE 47 COUNTY 017 PERMIT 3191

(+) 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 1009' WATER SHED Upper Run

DISTRICT Southwest COUNTY Doddridge
 QUADRANGLE Oxford Holbrook 15' EC

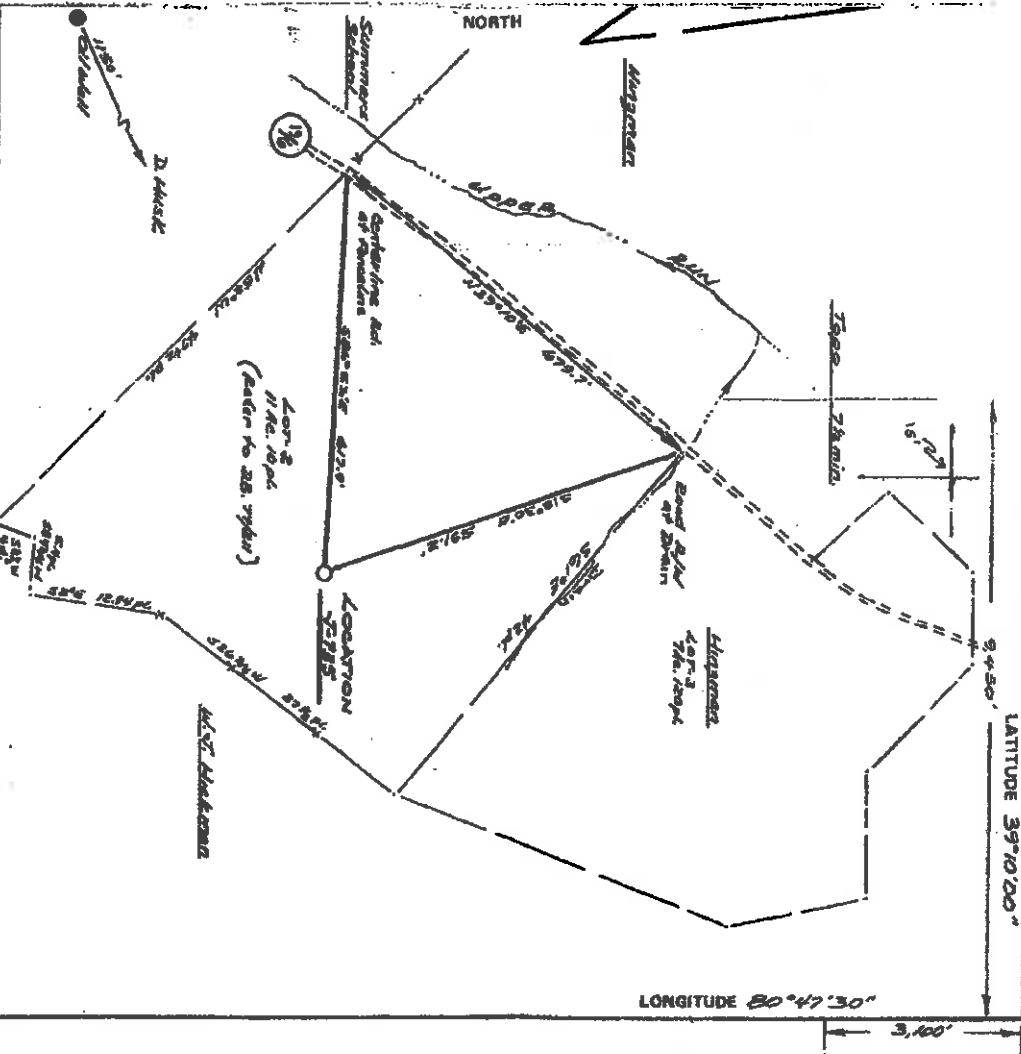
SURFACE OWNER Marton Delmar Hingman ACREAGE 11 Ac. 10 pl.
 OIL & GAS ROYALTY OWNER Charles T. Danner LEASE ACREAGE 39 1/2

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 6-6 Straight Fork (Bluestone Creek)
 TARGET FORMATION Alexander ESTIMATED DEPTH 5000
 WELL OPERATOR W. J. Edwards, Inc. DESIGNATED AGENT Richard Edwards (133)
 ADDRESS P.O. Box 48 ADDRESS P.O. Box 48

DEC 13 1987

<p>FILE NO. <u>30627</u> DRAWING NO. <u>20-2-B</u> SCALE <u>1" = 500'</u> MINIMUM DEGREE OF ACCURACY <u>1/4" = 500'</u> PROVEN SOURCE OF ELEVATION <u>B.M. 522' at Mt. Pleasant</u></p>	<p>I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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) <u>[Signature]</u> R.P.F. <u>[Signature]</u> L.S. 552</p>
<p>STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION</p>	<p>DATE <u>September 19, 2008</u> OPERATOR'S WELL NO. <u>57235</u> API WELL NO. <u>47-017-3191W</u> STATE COUNTY PERMIT</p>
<p>(H) 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 <u>600'</u> WATER SHED <u>Upper Run</u> DISTRICT <u>Southwest</u> COUNTY <u>Booth</u> QUADRANGLE <u>Quincy</u> ACREAGE <u>11.8</u> SURFACE OWNER <u>Charles Deane Williams</u> LEASE ACREAGE ___ OIL & GAS ROYALTY OWNER <u>Charles J. Deane</u> LEASE ACREAGE <u>3.93</u> LEASE NO. <u>11-200</u> PROPOSED WORK: DRILL & CONVERT ___ 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 <u>Alexander</u> ESTIMATED DEPTH <u>5000</u> WELL OPERATOR <u>RT Energy, Inc.</u> DESIGNATED AGENT <u>Richard Braggner</u> ADDRESS <u>P.O. Box 48, Beckmansville, W. Va. 26220</u> ADDRESS <u>P.O. Box 48, Beckmansville, W. Va. 26220</u></p>	



Dodd 3191

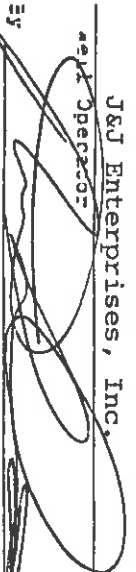
DETAILS OF PERFORATED INTERVALS, FRACTURES OR SPALLINGS, PHYSICAL CHANGE, ETC.

Alexander: Perforations: 4952-54 (3 holes) 4964-66 (2 holes) 4969-73 (5 holes)
4994-97 (7 holes)

DESCRIPTION	COLOR	THICKNESS IN FEET	DEPTH IN FEET	Bottom Feet	REMARKS INCLUDING INDICATION OF ALL GASES AND SELF WATER, OIL, ETC.
Fill		0		15	
Shale, red rock & sand		15		46	1 3/4" stream @ 180'
Sand & shale		46		110	
Red rock, shale & sand		110		166	More @ 1075"
Sand, shale & red rock		166		240	
Sand, shale & red rock		240		315	Gas ck @ 2542 8/10-1/2" w/water
Sand & shale		315		330	5324 cu.ft.
Red rock & shale		330		525	Gas ck @ 3345 4/10-1/2" w/water
Red rock, sand & shale		525		650	3765 cu.ft.
Sand & lime		650		675	Gas CK @ 4745 14/10-1/2" w/water
Sand, shale & red rock		675		830	3765 cu.ft.
Sand & shale		830		1025	Gas ck @ T.D. 4/10-1/2" w/water
Sand & shale		1025		1110	3765 cu.ft.
Shale & sand		1110		1270	
Sand & shale		1270		1365	
Sand & shale		1365		1735	
Big Lime		1735		1800	
Big Injur		1800		1875	
Sand & shale		1875		4650	
Bensqn		4650		4660	
Sand & shale		4660		4952	
Alexander		4952		4997	
Sand & shale		4997		5147	

T.D.

(Attach separate sheets if complete is necessary)

J&J Enterprises, Inc.
 and Operator
 By 
 Robert Dahlin Geologist

NOTE: Regulation 2.22(5) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic, detailed geologic record of all formations, including soil, encountered in the drilling of a well."



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

1) Date: November 10, 1982
 2) Operator's Well No. 5-735
 3) API Well No. 47 State WV County PUTNAM Permit 101

OIL AND GAS WELL PERMIT APPLICATION

4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Under-ground storage / Deep / Shallow)
 5) LOCATION: Elevation: 1000 Watershed:
 District: Southwest County:

6) WELL OPERATOR Address
 11) DESIGNATED AGENT Quadrangle:
 Address

7) OIL & GAS ROYALTY OWNER Charles J. Hamilton
 Address
 12) COAL OPERATOR Address

8) SURFACE OWNER Norton Sylvan Hansen 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Name Address
West Dulon, WV 26-156 Address

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

10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Address Name Address

15) PROPOSED WORK: Drill / Drill deeper / Re-drill
 Plug out old formation / Perform new formation
 Other physical change in well (specify) DEPT. OF MINES

16) GEOLOGICAL TARGET FORMATION
 17) Estimated depth of completed well, feet
 18) Approximate water strata depths: Fresh, feet; salt, feet.
 19) Approximate coal seam depths: feet; Is coal being mined in the area? Yes / No

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT PILING OR SACKS (Cubic feet)	PILERS
	Size	Grade	Weight per ft.	Use	Per drilling	Left in well		
Conductor	14 3/4	40	42	K	30	0	0	Kilns
Fresh water	8 5/8	40	33	X	1200	1200	70	air-lift
Coal	8 1/4	40	33	X	1200	1200	70	air-lift
Intermediate	4 1/2	40	10.5	X	1000	1000	300	air-lift
Production								
Tubing								
Liners								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 vested 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 checked 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: Signed:
 My Commission Expires Is:

OFFICE USE ONLY
 DRILLING PERMIT
 Permit number Date

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 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 owners(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 _____