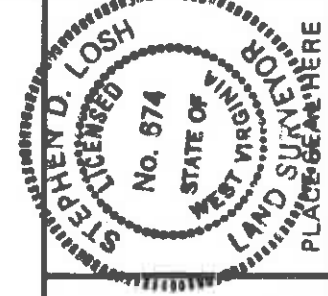
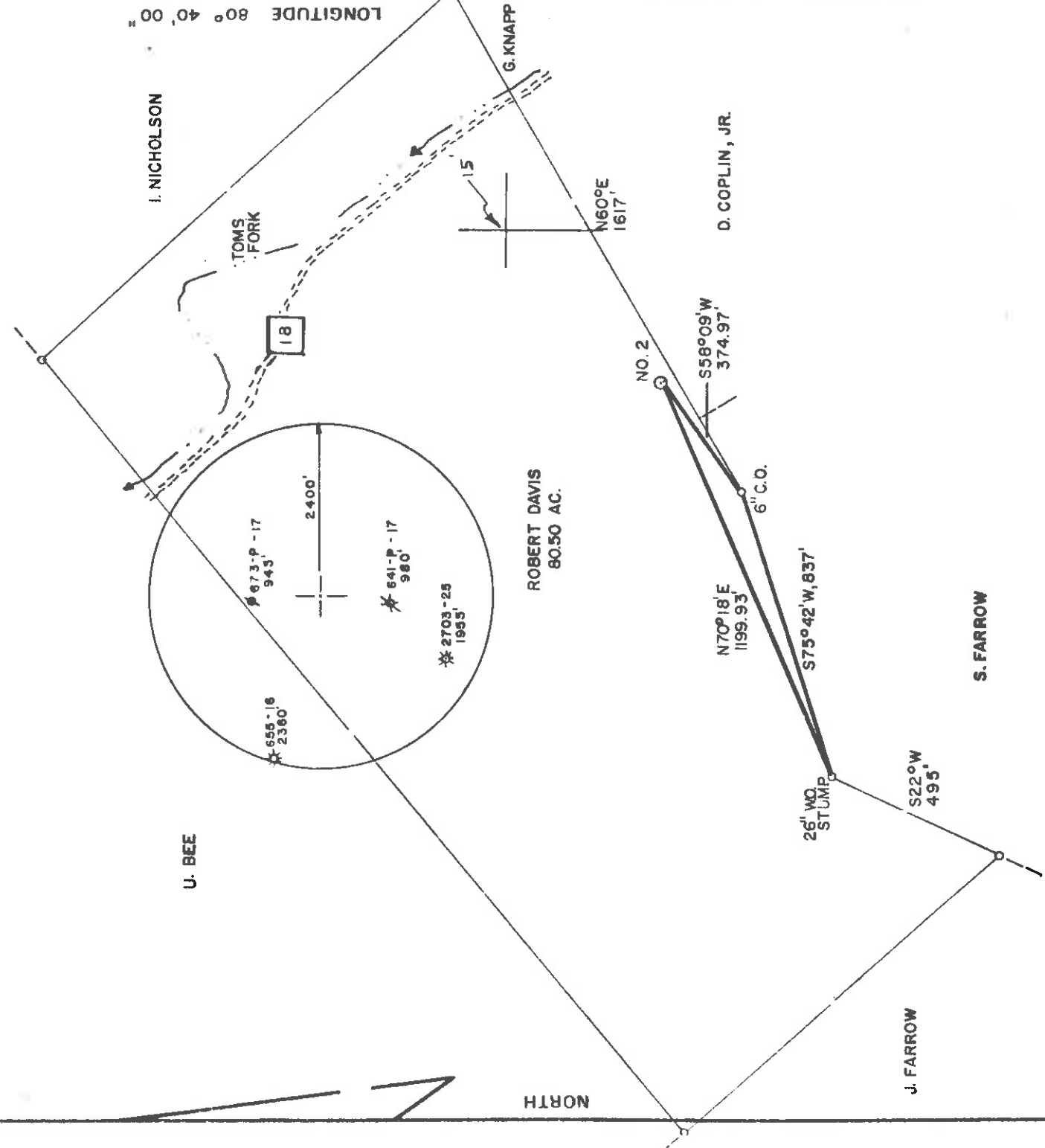


8400

LATITUDE 39° 12' 30"
39° 15'

LONGITUDE 80° 40' 00"
5330



PREPARED BY DAVIS ASSOCIATES, CLARKSBURG, WV

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) *Stephen D. Losh* L.L.S. 674
R.P.E.

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 400'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION RD. INTER. ELEV. 859'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE SEPTEMBER 30, 1982
OPERATOR'S WELL NO. DAVIS NO. 2
API WELL NO. 47-017 - 3176
STATE COUNTY PERMIT
CANCELED

(+) 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 1136' WATER SHED TOM'S FORK
DISTRICT NEW MILTON COUNTY DODDRIDGE
QUADRANGLE NEW MILTON 7.5 min
SURFACE OWNER VACLAV HARTMAN, et al. ACREAGE 74.74
OIL & GAS ROYALTY OWNER ROBERT DAVIS LEASE NO. 49-0280 A-C LEASE ACREAGE 80.50

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 ALEXANDER ESTIMATED DEPTH 5500'
WELL OPERATOR SWIFT ENERGY COMPANY DESIGNATED AGENT TIM BENNETT
ADDRESS P.O. BOX 2201 ADDRESS CLARKSBURG, WV 26301 P.O. BOX 2201 CLARKSBURG, WV 26301

H. T. HALL

Uodd.-3176

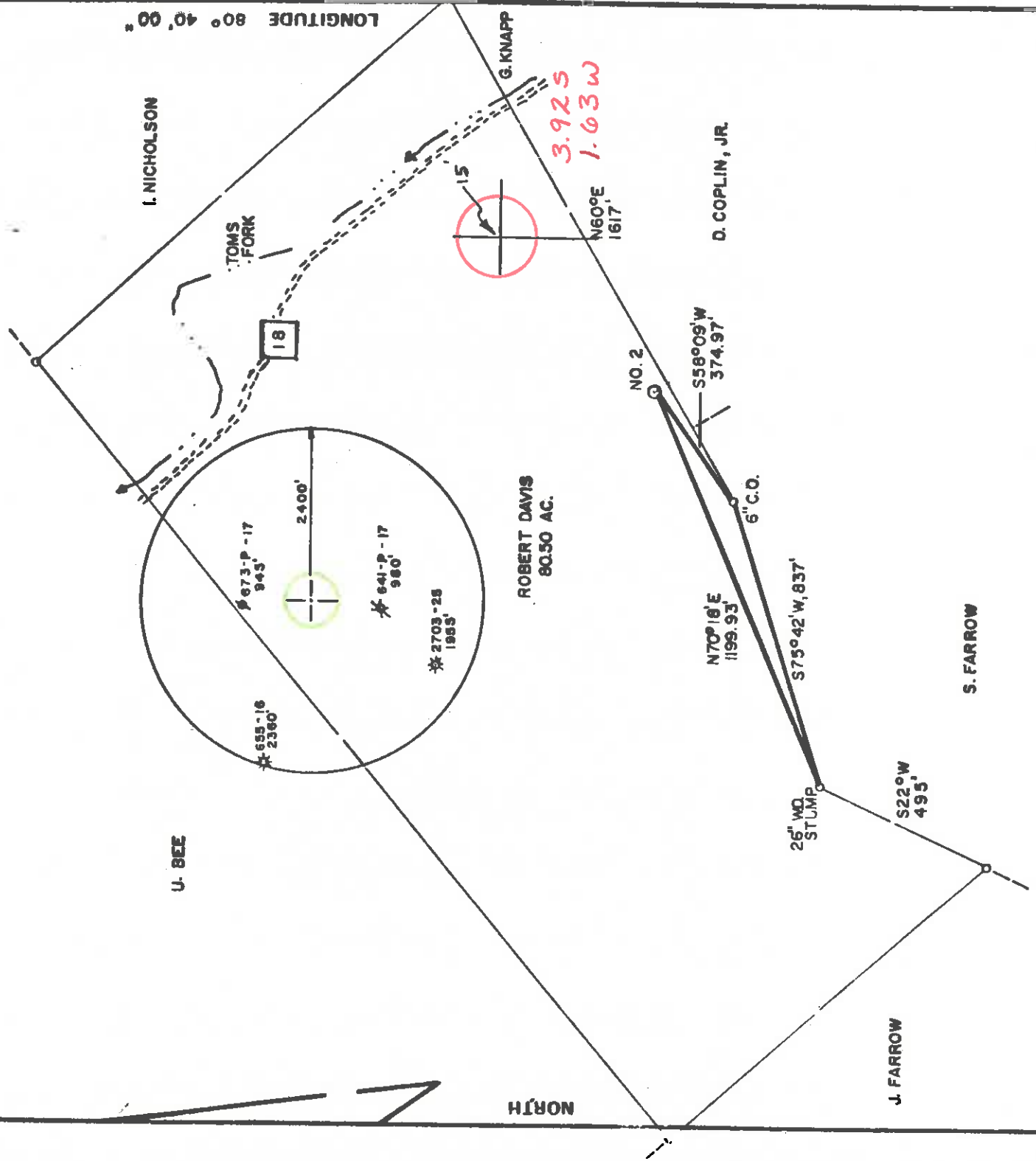
APR 23 1984

100.7 10/13/12 Plot

8400

LATITUDE 39° 12' 30" 39° 15'

LONGITUDE 80° 40' 00"



NORTH

ROBERT DAVIS
80.50 AC.

U. BEE

J. FARROW

S. FARROW

N70°16'E
1199.93'

S75°42'W, 837'

NO. 2

S58°09'W
374.97'

6" C.D.

D. COPLIN, JR.

N60°E
1617'

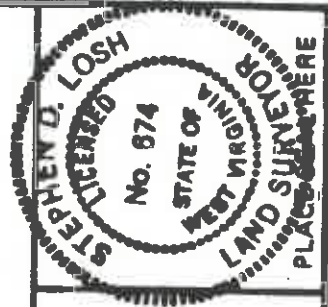
3.925
1.63W

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF _____
 ACCURACY 1 in. 200
 PROVEN SOURCE OF _____
 ELEVATION RD. INTER. _____
 ELEV. 859'

PREPARED BY DAVIS ASSOCIATES, CLARKSBURG, WV

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) *Stephen D. Losh*

R.P.E. _____ L.L.S. 674



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE SEPTEMBER 30 19 82
 OPERATOR'S WELL NO. DAVIS NO. 2
 API WELL NO. _____

47-017 - 3176
 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 1136' WATER SHED TOM'S FORK
 DISTRICT NEW MILTON COUNTY DODDRIDGE

QUADRANGLE NEW MILTON 7.3 min
 SURFACE OWNER VACLAV HARTMAN, et. al. VADIS 15' NW
 OIL & GAS ROYALTY OWNER ROBERT DAVIS ACREAGE 74.74
 LEASE NO. 49-0280 A-C LEASE ACREAGE 80.50

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 ALEXANDER ESTIMATED DEPTH 5500'
 WELL OPERATOR SWIFT ENERGY COMPANY DESIGNATED AGENT TIM BENNETT
 ADDRESS P.O. BOX 2201 ADDRESS P.O. BOX 2201
 NOV 8 1992



1) Date: Oct 27, 1982
 2) Operator's Well No. 47
 3) API Well No. 47 State West Virginia County Putnam Permit

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

OIL AND GAS WELL PERMIT APPLICATION

4) WELL TYPE: A Oil Gas
 B (If "Gas", Production Underground storage Deep Shallow
 5) LOCATION: Elevation: 1133 Watershed: Town's Park
 District: New Milton County: Putnam Quadrangle: New Milton
 6) WELL OPERATOR: Putnam Energy Company
 Address: P.O. Box 2201
Charleston, WV 25301

7) OIL & GAS ROYALTY OWNER: Robert Davis
 Address: 100 N. Main St.
Box Hill, WV

8) SURFACE OWNER: 80.5
 Address: Vacley Hartman
28-28 42nd Street
Long Island City, NY 11103
 Acreage: 74.74

9) FIELD SALE (IF MADE) TO: N/A
 Address:

10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name:
 Address:

15) PROPOSED WORK: Drill Drill deeper Redrill Fracture or stimulate
 Plug off old formation Perforate new formation
 Other physical change in well (specify)

16) GEOLOGICAL TARGET FORMATION, Alexander
 17) Estimated depth of completed well, 5500 feet
 18) Approximate water strata depths: Fresh, 80 feet; salt, 1500 feet
 19) Approximate coal seam depths: Is coal being mined in the area? Yes No

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		PACKERS
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	8 5/8			35	35	
Fresh water						
Coal						
Intermediate	5 7/8			1800	1800	
Production	4 1/2			5400	5400	
Tubing						
Liners						

21) EXTRACTION RIGHTS - ON FILE FOR DAVIS #1

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 plan 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: Its:

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: <u> </u>	Agent: <u> </u>	Plat: <u> </u>	Casing Fee: <u> </u>
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Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

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 _____