

5-55

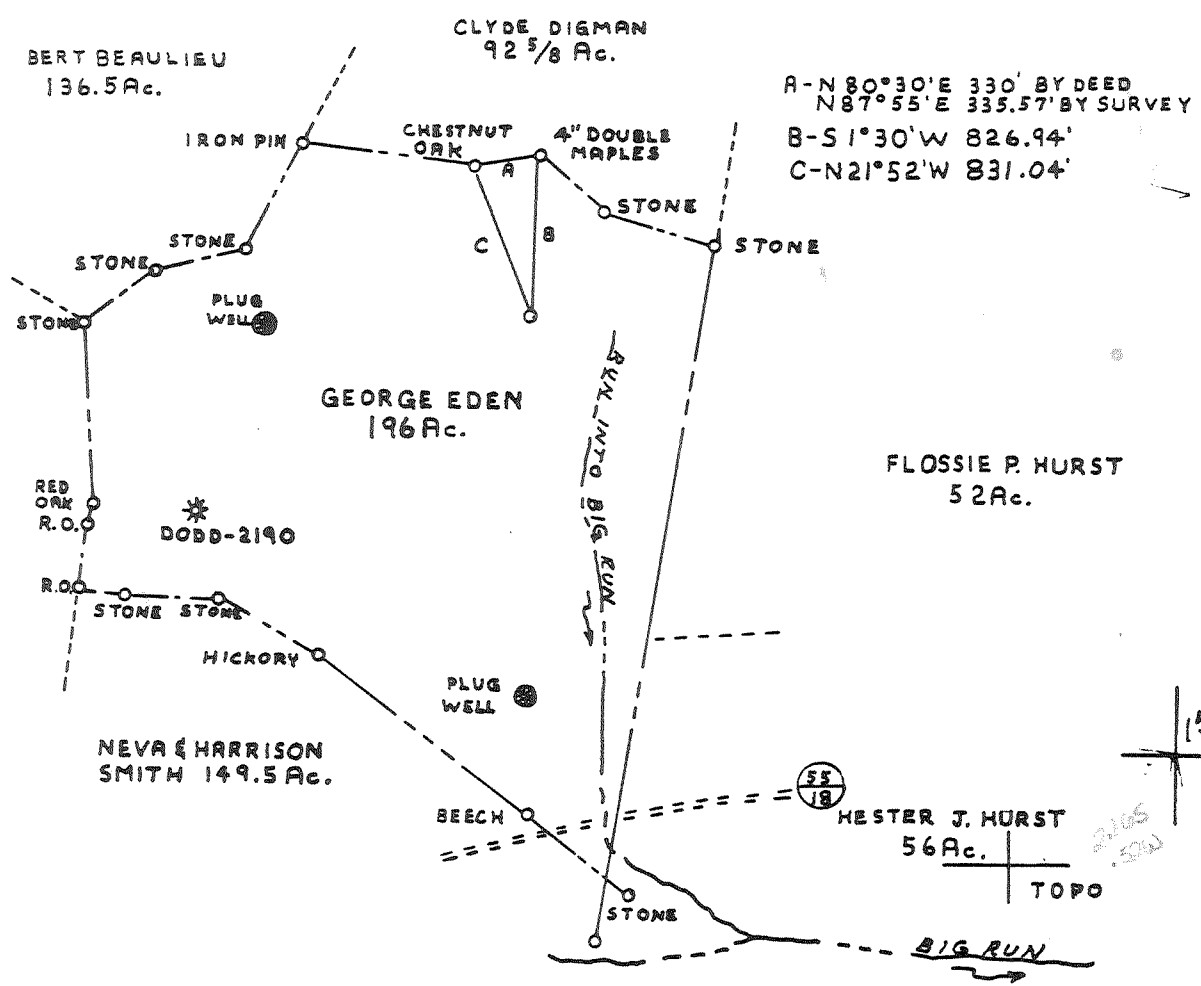
2800'

Plot Card CSD

LATITUDE 39° 22' 30"  
39° 25'

LONGITUDE 80° 35' 00"

NORTH



FILE NO. P.D.C. # 3 - P. 31  
 DRAWING NO. 3  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1" IN 200'  
 PROVEN SOURCE OF ELEVATION B.M. TOP OF KNOB  
 ELEV. = 1430'

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) Thomas F. Weaver Jr.  
 R.P.E. \_\_\_\_\_ L.L.S. 410

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE MARCH 19, 19 80  
 OPERATOR'S WELL NO. 2  
 API WELL NO. 47-017-2574REV  
 STATE COUNTY PERMIT

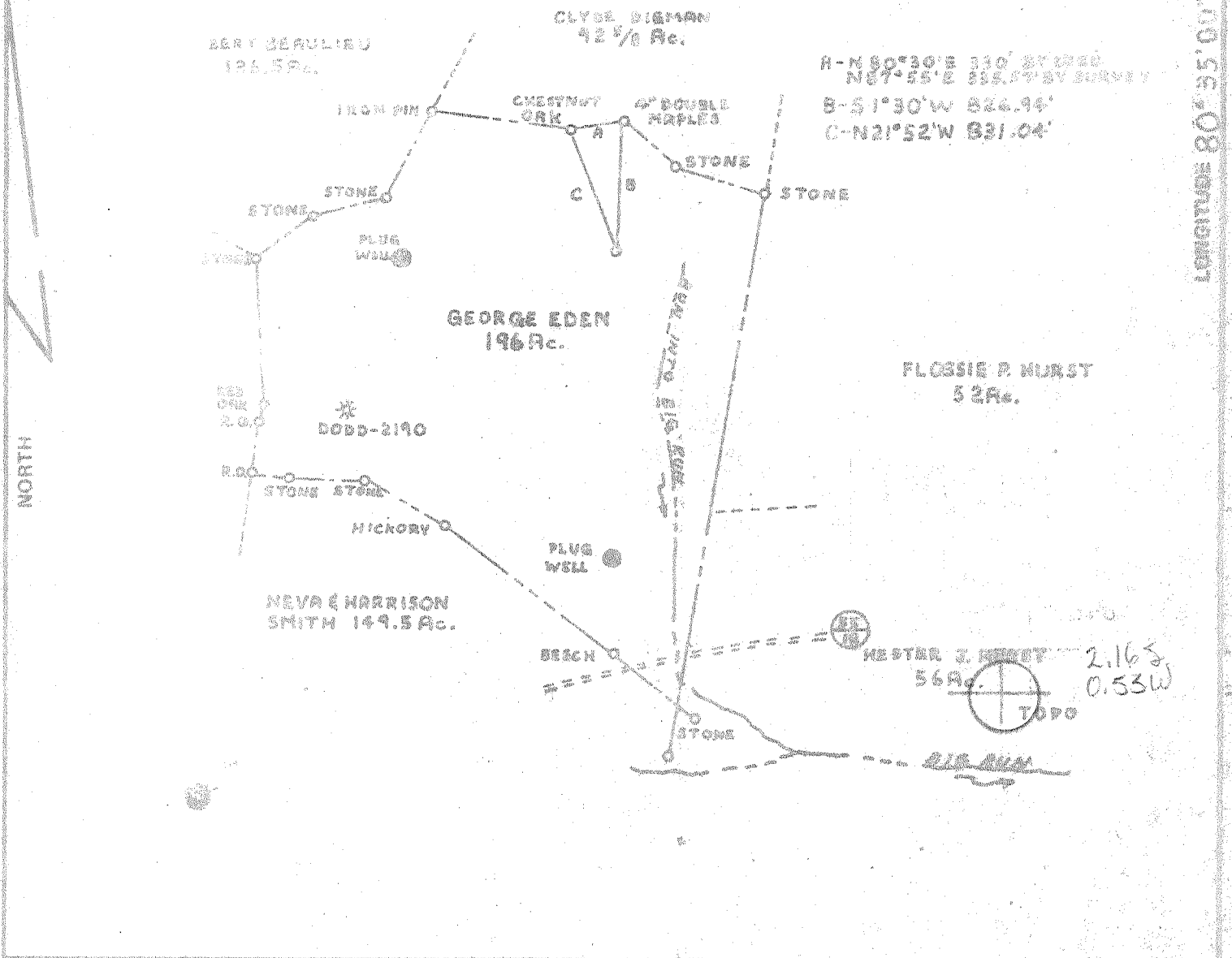
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

*Cancelled*

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1210' WATER SHED BIG RUN  
 DISTRICT McCLELLAN COUNTY DODDRIDGE  
 QUADRANGLE SALEM 7 1/2 CENTERPOINT 15'  
 SURFACE OWNER GEORGE EDEN ACREAGE 196 Ac.  
 OIL & GAS ROYALTY OWNER H. J. SHAHAN LEASE ACREAGE 196 Ac.  
 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 BENSON ESTIMATED DEPTH 5300'  
 WELL OPERATOR PETROLEUM DEVELOPMENT DESIGNATED AGENT PETROLEUM DEVELOPMENT CORP.  
 ADDRESS 103 E. MAIN ST. ADDRESS 103 E. MAIN ST.  
BRIDGEPORT W. VA. BRIDGEPORT W. VA.

DEC 13 1982



FILE NO. E.D.C. # 3-PP-31  
 DRAWING NO. 3  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1" IN 300'  
 PROVEN SOURCE OF ELEVATION B.M. TOP OF KNOR ELEV. = 1430'

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) Thomas F. Weaver, Jr.  
 R.P.E. \_\_\_\_\_ L.L.S. £10

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



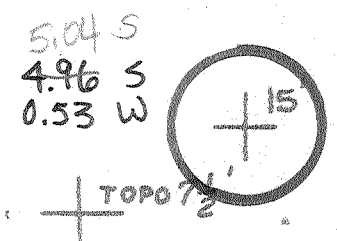
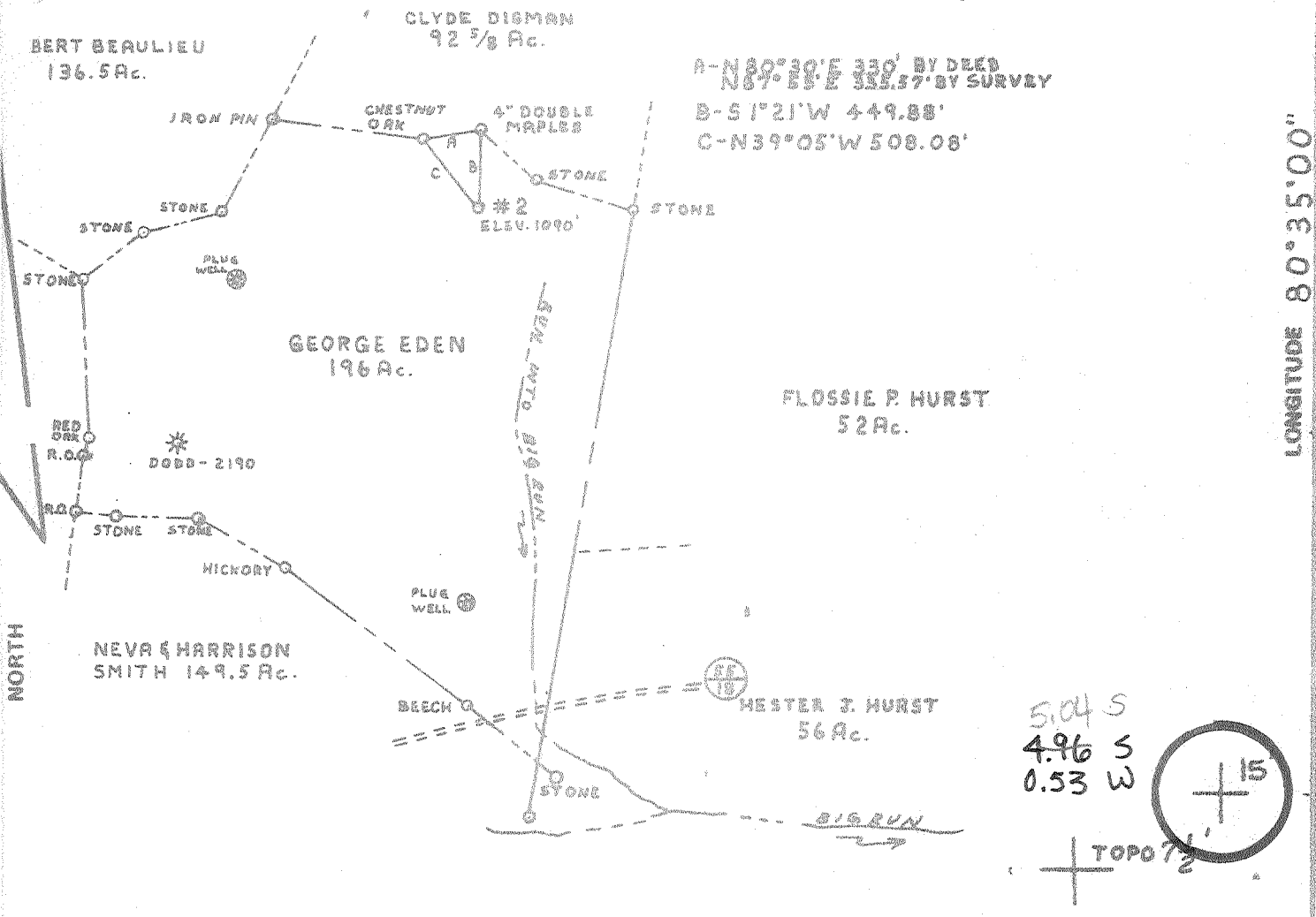
DATE MARCH 19 1980  
 OPERATOR'S WELL NO. 2  
 API WELL NO. 47-019-2574-Rent  
 STATE COUNTY PERMIT

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 1200' WATER SHED BIG RUN  
 DISTRICT McCLELLAN COUNTY DODDRIDGE  
 QUADRANGLE SALEM 7.5' Centerpoint 15' C  
 SURFACE OWNER GEORGE EDEN ACREAGE 196 Ac.  
 OIL & GAS ROYALTY OWNER H. J. SHAMAN LEASE ACREAGE 196 Ac.  
 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 BENSON ESTIMATED DEPTH 5300'  
 WELL OPERATOR PETROLEUM DEVELOPMENT DESIGNATED AGENT PETROLEUM DEVELOPMENT CORP.  
 ADDRESS 103 E. MAIN ST. BRIDGEPORT W. VA. ADDRESS 103 E. MAIN ST. BRIDGEPORT W. VA.

MAY 6 1980



FILE NO. P.D.C. #3 - P. 21  
 DRAWING NO. 2  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1" IN 200'  
 PROVEN SOURCE OF ELEVATION B.M. TOP OF KNOB  
ELEV. = 1430'

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) Paul G. Dean  
 R.P.E. #1856 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE DECEMBER 17, 19 79  
 OPERATOR'S WELL NO. 2  
 API WELL NO. \_\_\_\_\_  
47 - 017 - 2574  
 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 1090' WATER SHED BIG RUN  
 DISTRICT McCLELLAN COUNTY DODDRIDGE  
 QUADRANGLE SALEM, 7 1/2' CENTERPOINT 15' C  
 SURFACE OWNER GEORGE EDEN ACREAGE 196 Ac.  
 OIL & GAS ROYALTY OWNER H. J. SHAHAN LEASE ACREAGE 196 Ac.  
 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 GEDAR CREEK ESTIMATED DEPTH 5400'  
 WELL OPERATOR PETROLEUM DEVELOPMENT DESIGNATED AGENT PETROLEUM DEVELOPMENT CORP  
 ADDRESS 103 E MAIN ST ADDRESS 103 E MAIN ST  
BRIDGEPORT, W. VA. BRIDGEPORT, W. VA.

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. Two

API Well No. 47 - 017 - 2574  
State County Permit

WELL TYPE: Oil  / Gas   
(If "Gas", Production  / Underground storage  / Deep  / Shallow )

LOCATION: Elevation: 1090' Watershed: Big Run  
District: McClellan County: Doddridge Quadrangle: Salem

WELL OPERATOR Petroleum Development Corporation DESIGNATED AGENT Petroleum Development Corporation  
Address P.O. Box 26 Address P.O. Box 26  
Bridgeport, WV 26330 Bridgeport, WV 26330

OIL & GAS ROYALTY OWNER (H. J. Shahan well #2)  
O. C. Haught, et.al.  
Address Salem, WV 26426

COAL OPERATOR \_\_\_\_\_  
Address \_\_\_\_\_

ACREAGE 196  
SURFACE OWNER George Eden  
Address 4628 Burnett Avenue  
Silver Spring, MD 20910  
Acreage \_\_\_\_\_

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Consolidation Coal Company  
Address P.O. Box 1613  
Morgantown, WV 26505  
Name \_\_\_\_\_  
Address \_\_\_\_\_

FIELD SALE (IF MADE) TO:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
**RECEIVED**  
**DEC 31 1979**

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Paul Garrett  
Address 321 Beech Street  
Clarksburg, WV 26301

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  / other contract  / dated May 23, 1978, to the undersigned well operator from Clarence W. Mutschelknaus

If said deed, lease, or other contract has been recorded:  
Recorded on Nov. 3, 1978, in the office of the Clerk of the County Commission of Doddridge county, West Virginia, in Lease Book 105 at page 344. 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 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  
PHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS  
CONSERVATION COMMISSION  
110 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
TELEPHONE: (304) 348-3092

BLANKET BOND

PETROLEUM DEVELOPMENT CORPORATION  
Well Operator

By [Signature]  
Its [Signature]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

BILLING CONTRACTOR (IF KNOWN) Unknown  
Address \_\_\_\_\_  
\_\_\_\_\_

GEOLOGICAL TARGET FORMATION, Benson

Estimated depth of completed well, 5100 feet Rotary X / Cable tools      /  
Approximate water strata depths: Fresh, 40 feet; salt, 100 feet.  
Approximate coal seam depths: 300 Is coal being mined in the area? Yes      / No X /

LOGGING AND TUBING PROGRAM

LOGGING 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			X	25	25	Surface	Kinds
Fresh water									
Gal									Sizes
Intermediate	8 5/8	H-40	20	X		800	800	Surface	
Production	4 1/2	H-55	10.50	X			5100	300	Depths set 5100
Logging									
Packers									Perforations:
									Top Bottom

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.

**THIS PERMIT MUST BE POSTED AT THE WELL SITE**

Fracturing or stimulating a well 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, Chapter 22, 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 9-14-80.

*Robert L. All*  
Deputy Director - Oil & Gas Division

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 regulations.

\_\_\_\_\_, 19\_\_\_\_

By \_\_\_\_\_  
Its \_\_\_\_\_