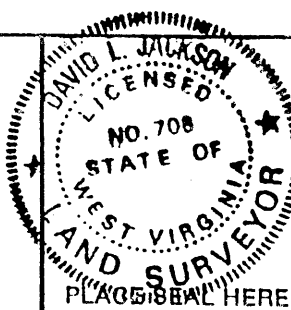


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
 DRAWING NO. 1  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION Road junction 1600' SW of Location; elev. 2231'

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 ENERGY.  
 (SIGNED) David F. Jackson  
 R.P.E. \_\_\_\_\_ L.L.S. 708



STATE OF WEST VIRGINIA  
 Division of Environmental Protection  
 OFFICE OF OIL AND GAS



DATE August 13, 19 96  
 OPERATOR'S WELL NO. L. Dennis No. 1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 2244 WATERSHED Big Sandy Creek  
 DISTRICT Grant COUNTY Preslon  
 QUADRANGLE Brandonville 7 1/2'  
 SURFACE OWNER Lillie Dennis et al ACREAGE 73  
 OIL & GAS ROYALTY OWNER Lillie Dennis et al LEASE ACREAGE 75  
 LEASE NO. 522000

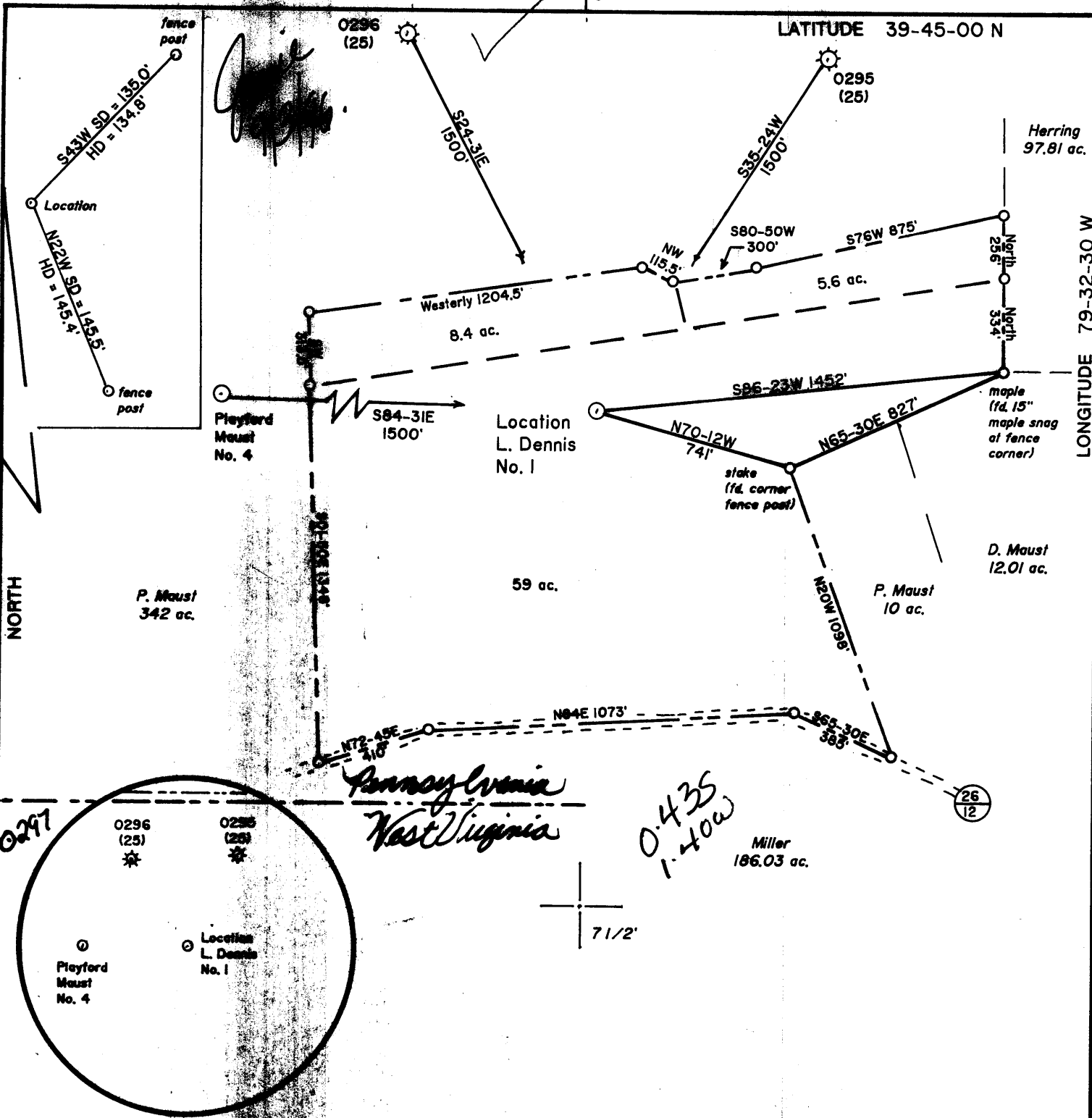
PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Elk Sands ESTIMATED DEPTH 5500  
 WELL OPERATOR Petroleum Development Corp. DESIGNATED AGENT Eric R. Stearns  
 ADDRESS P.O. Box 26, Bridgeport, WV 26330 ADDRESS P.O. Box 26, Bridgeport, WV 26330

JUN 03 1999  
 JUN 01 1999

Brandonville 2

FORM WW-6

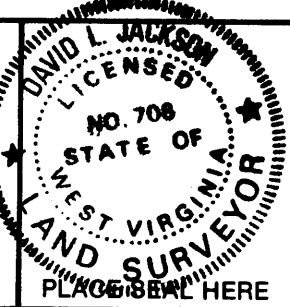
COUNTY NAME PRE 0298 CANC. PERMIT



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
 DRAWING NO. 1  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION Road junction 1600' SW of Location: elev. 2231'

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 ENERGY.  
 (SIGNED) David Z. Jackson  
 R.P.E. \_\_\_\_\_ L.L.S. 708



STATE OF WEST VIRGINIA  
 Division of Environmental Protection  
 OFFICE OF OIL AND GAS

DATE August 13, 19 96  
 OPERATOR'S WELL NO. L. Dennis No. 1  
 API WELL NO. 47-077-00298  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 2244 WATER SHED Big Sandy Creek  
 DISTRICT Grant COUNTY Preston  
 QUADRANGLE Brandonville 7 1/2'

SURFACE OWNER Lillie Dennis et al ACREAGE 73  
 OIL & GAS ROYALTY OWNER Lillie Dennis et al LEASE ACREAGE 75  
 LEASE NO. 522000

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 Fik Sands ESTIMATED DEPTH 5500  
 WELL OPERATOR Petroleum Development Corp. DESIGNATED AGENT Eric R. Stearns  
 ADDRESS P.O. Box 26, Bridgeport, WV 26330 ADDRESS P.O. Box 26, Bridgeport, WV 26330

SEP 06 1996

FORM WW-6

COUNTY NAME PERMIT

079390

AUG 22 1996

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

PERMIT WELL WORK PERMIT APPLICATION

Office of Oil & Gas

3820

- 1) Well Operator: PETROLEUM DEVELOPMENT CORPORATION (D) 264
- 2) Operator's Well Number: L. Dennis #1 3) Elevation: 2,244'
- Well type: (a) Oil\_\_\_/ or GasXX/ *Issued 09/03/96*  
 (b) If Gas: ProductionXX/ Underground Storage\_\_\_/ *Revised 09/03/98*  
 Deep\_\_\_/ ShallowXX/
- Proposed Target Formation(s): Elk Sands 436
- Proposed Total Depth: 5,600' feet
- Approximate fresh water strata depths: 185'; 287'; 473'; 520'
- 8) Approximate salt water depths: None Reported
- 9) Approximate coal seam depths: None Reported
- 10) Does land contain coal seams tributary to active mine? Yes\_\_\_/ NoXX/
- 11) Proposed Well Work: Drill & Stimulate New Well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor	11-3/4"	H-40	42#	30'	-----	-----
<u>Fresh Water</u>						
<u>Coal</u>						
<del>Intermediate</del>	8-5/8"	H-40	20/23#	750'	750'	38CSR18-11.3
Production	4-1/2"	J-55	10.5#	5600'	5600'	38CSR18-11.2.2 38CSR18-11.1
Tubing						
Liners						

PACKERS : Kind \_\_\_\_\_  
 Sizes \_\_\_\_\_  
 Depths set \_\_\_\_\_

For Office of Oil and Gas Use Only

0 21/22  
 21

Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
 Plat  WW-9  WW-2B  Bond Blanket  Agent  
 (Type)

RECEIVED

WV Division of Environmental Protection

AUG 22 1996

Permitting Office of Oil & Gas

Page 1 of Form WW2-A (6/94) File Copy

1) Date: August 15, 1996
2) Operator's well number L. Dennis #1
3) API Well No: 47 - 077 - 0298
State County Permit

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

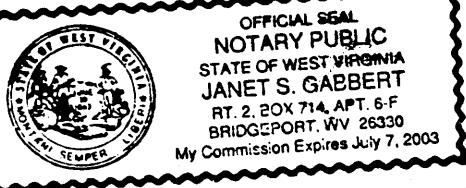
4) Surface Owner(s) to be served:
(a) Name Lillie Dennis
Address RD 4, Box 118-A Bruceton Mills, WV 26525
(b) Name Susie and Richard Detrick
Address RD 4, Box 118-A Bruceton Mills, WV 26525
(c) Name
Address
6) Inspector Phillip Tracy
Address Rt. 2, Box 37-A Montrose, WV 26283
Telephone (304) - 636-8798

5) (a) Coal Operator:
Name
Address
(b) Coal Owner(s) with Declaration
Name
Address
(c) Coal Lessee with Declaration
Name
Address

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
XX Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)
I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through on the above named parties, by:
Personal Service (Affidavit attached)
Certified Mail (Postmarked postal receipt attached)
Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.
I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



Well Operator PETROLEUM DEVELOPMENT CORPORATION
By: Eric R. Stearns
Its: VP, Exploration & Development
Address P O Box 26 Bridgeport, WV 26330
Telephone (304) 842-6256

Subscribed and sworn before me this 15th day of August, 1996

Janet S. Gabbert Notary Public
My commission expires July 7, 2003