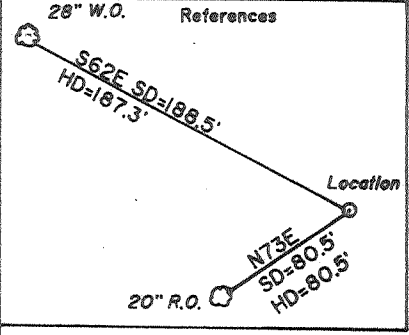


LONGITUDE 80-37-30 W

NORTH



(+) 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 6,000'  
NW of Location: elev. 859'

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 S Jackson  
 R.P.E. \_\_\_\_\_ L.L.S. 708

PLACE SEAL HERE

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



DATE August 16, 19 93  
 OPERATOR'S WELL NO. Harold Williams No. 1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_\_\_ GAS X LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1192 WATER SHED Little Battle Run  
 DISTRICT McClellan COUNTY Doddridge  
 QUADRANGLE Smithburg 7 1/2  
 SURFACE OWNER Howard C. Sifler & Reagan J. Allison Jr. ACREAGE 99.5  
 OIL & GAS ROYALTY OWNER Harold P. Williams et al LEASE ACREAGE 99.5  
 LEASE NO. 475600

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 Benson ESTIMATED DEPTH 5000  
 WELL OPERATOR Petroleum Development Corp. 687 DESIGNATED AGENT Eric R. Stearns  
 ADDRESS P.O. Box 26, Bridgeport, WV 26330 ADDRESS P.O. Box 26, Bridgeport, WV 26330

SEP 1 0 1993

FORM WW-6

COUNTY NAME

PERMIT

AUG 25 93

017-4043

Issued 09/10/93

Page \_\_\_ of \_\_\_

Expires 09/10/95

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
Office of Oil & Gas WELL WORK PERMIT APPLICATION

Well Operator: Petroleum Development Corporation <sup>687</sup> 38200 (5) 611

Operator's Well Number: Harold Williams #1 3) Elevation: 1192

Well type: (a) Oil \_\_\_ / or Gas xx /

(b) If Gas: Production xx / Underground Storage \_\_\_ /  
Deep \_\_\_ / Shallow \_\_\_ /

1) Proposed Target Formation(s): Benson <sup>435</sup>

2) Proposed Total Depth: 5500 feet

3) Approximate fresh water strata depths: 35, 335, 565

4) Approximate salt water depths: 1350, 1430, 1535, 1785

5) Approximate coal seam depths: 210, 380, 685, 935

6) Does land contain coal seams tributary to active mine? Yes \_\_\_ / No xxx /

7) Proposed Well Work:

8)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11 3/4	H-40	42	30/200	-/200	/Surface
Fresh Water						38CSR113
Coal						38CSR112.2
Intermediate	8 5/8	H-40	20/23	1020/1820	1020/1820	Surface
Production	4 1/2	J-55	10.5	5500	5500	450SKS
Tubing						38CSR11.1
Liners						

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

For Division of Oil and Gas Use Only

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

17856

005842  
-16

Division of Environmental Protection  
AUG 25 93  
Permitting  
Division of Oil & Gas

1) Date: August 20, 1993  
2) Operator's well number  
Harold Williams #1  
3) API Well No: 47 - 017 - 4043  
State - County - Permit

STATE OF WEST VIRGINIA  
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 Howard C. Sitler  
Address Little Battle  
Centerpoint, WV 26339  
(b) Name Reagan J. Allison, Jr.  
Address Little Battle  
Centerpoint, WV 26339  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Mike Underwood  
Address Rt. 2, Box 135  
Salem, WV 26426  
Telephone (304)-782-1043

5) (a) Coal Operator:  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name No Declaration  
Address \_\_\_\_\_  
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 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

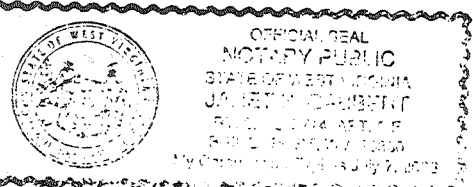
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through \_\_\_\_\_ on the above named parties, by:

- Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

I have read and understand Chapter 22B 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: \_\_\_\_\_  
Its: \_\_\_\_\_ Geologist  
Address P O Box 26  
Bridgeport, WV 26330  
Telephone 304-842-6256



Subscribed and sworn before me this 20<sup>th</sup> day of August, 1993

*Janet S. Gilbert*

Notary Public

My commission expires July 7<sup>th</sup>, 2003