

(+) 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 2225' NW of Locallon; elev. 2149'

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 L. 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 January 23, 19 97
OPERATOR'S WELL NO. S. Wright No. 5
API WELL NO. 47-077-00311

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

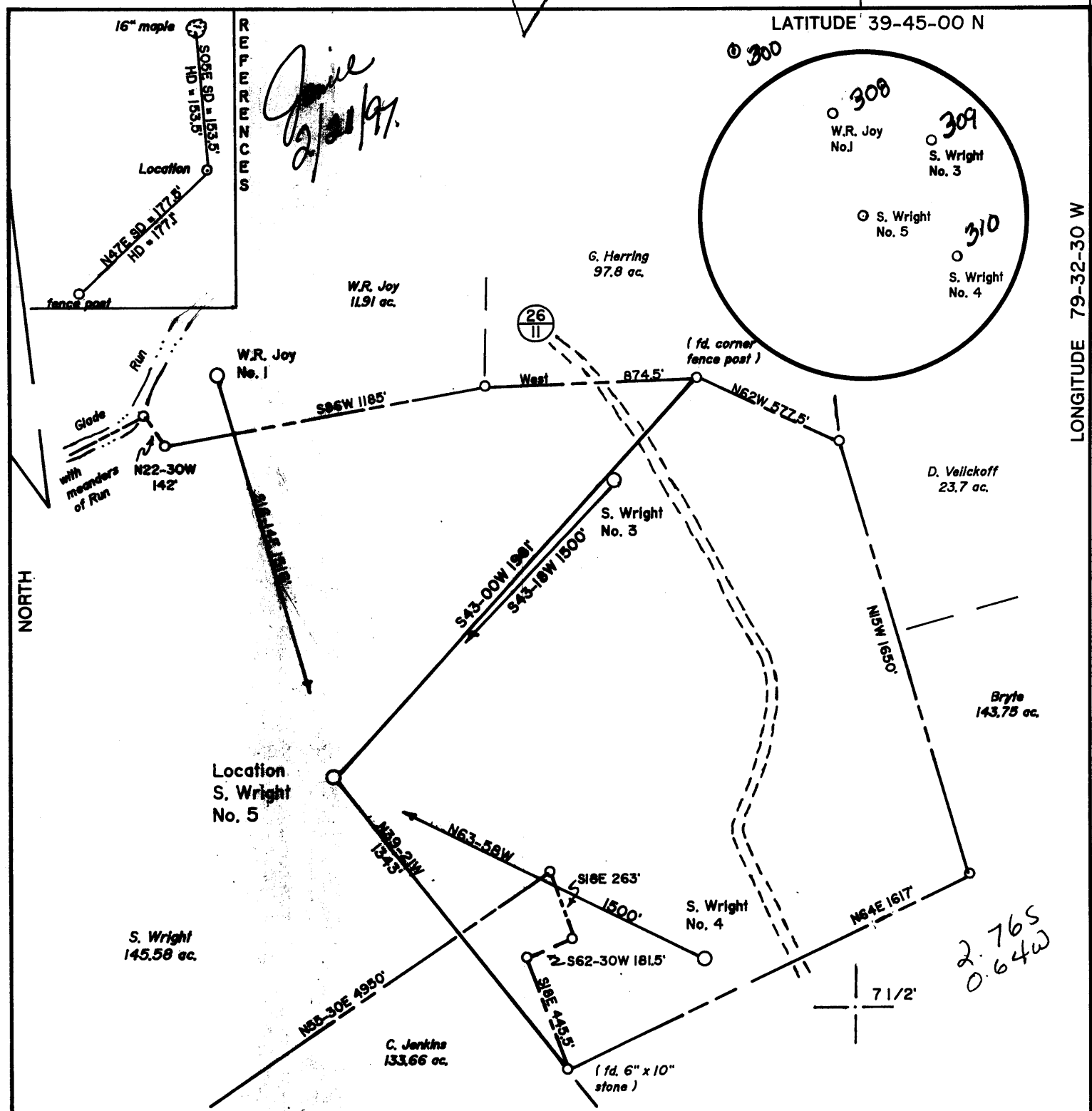
LOCATION: ELEVATION 2203 WATERSHED Glade Run
DISTRICT Grant COUNTY Preston
QUADRANGLE Brandonville 7 1/2'

SURFACE OWNER Shirley Wright ACREAGE 145.58
OIL & GAS ROYALTY OWNER Shirley Wright LEASE ACREAGE 145.58
LEASE NO. 521800

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) New drill

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION Benson ESTIMATED DEPTH 5000' 5600' **MAR 22 1999**
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

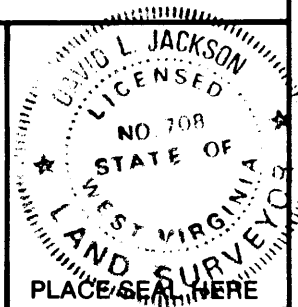
FORM WW-6
COUNTY NAME PRE
PERMIT 0311 CAN



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NW of Location: elev. 2149'

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



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Ellis Sands

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Benson ESTIMATED DEPTH 5000' 5600' FEB 28 1997
 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

FORM WW-6

COUNTY NAME

PERMIT

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: 687 PETROLEUM DEVELOPMENT CORPORATION 38200 (1) 264
- 2) Operator's Well Number: S. Wright #5 3) Elevation: 2203'
- Well type: (a) Oil / or Gas XX / *Issued 02/24/97*
 (b) If Gas: Production XX / Underground Storage / *Expires 02/24/99*
 Deep / Shallow XX /
- Proposed Target Formation(s): 436 Elk Sands
- Proposed Total Depth: 5600' feet
- 7) Approximate fresh water strata depths: 145'; 250'; 435'; 480'
- 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 / No XX /
- 11) Proposed Well Work: Drill & Stimulate New Well

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		Weight per ft.	FOOTAGE	INTERVALS	CEMENT
	Size	Grade				
Conductor	11 3/4"	H-40	42#	30'	-----	-----
<u>Fresh Water</u>						
<u>Coal</u>						
Intermediate	8 5/8"	H-40	20/23#	700'	700'	38CSR18-11.3 38CSR18-11.2.2
Production	4 1/2"	J-55	10.5#	5600'	5600'	38CSR18-11.1 450 sks
Tubing						
Liners						

PACKERS : Kind
 Sizes
 Depths set

For Office of Oil and Gas Use Only

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

RECEIVED
 ENVIRONMENTAL PROTECTION
 FEB 27 1997
 Permitting
 Office of Oil & Gas

1) Date: January 28, 1997
2) Operator's well number
S. Wright #5
3) API Well No: 47 - 077 - 0311
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: 5) (a) Coal Operator:
- (a) Name Shirley Wright Name _____
Address Rt. 4, Box E4 Address _____
Bruceston Mills, WV 26525
- (b) Name _____ (b) Coal Owner(s) with Declaration
Address _____ Name _____
Address _____
- (c) Name _____ Name _____
Address _____ Address _____
- 6) Inspector Phillip Tracy (c) Coal Lessee with Declaration
Address Rt. 2, Box 37-A Name _____
Montrose, WV 26283 Address _____
Telephone (304)- 636-8798

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: V. P., Exploration & Development
Address P O Box 26
Bridgeport, WV 26330
Telephone 304-842-6256

Subscribed and sworn before me this 28TH day of JANUARY, 1997



OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
JANET S. GABBERT
RT. 2, BOX 714 APT. 6-F
BRIDGEPORT, WV 26330
My Commission Expires July 7, 2003

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