

(+) 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 1650' NW of Location; 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 T. 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. 3
 API WELL NO. _____

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X
 LOCATION: ELEVATION 2142 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) _____
Elk Sands

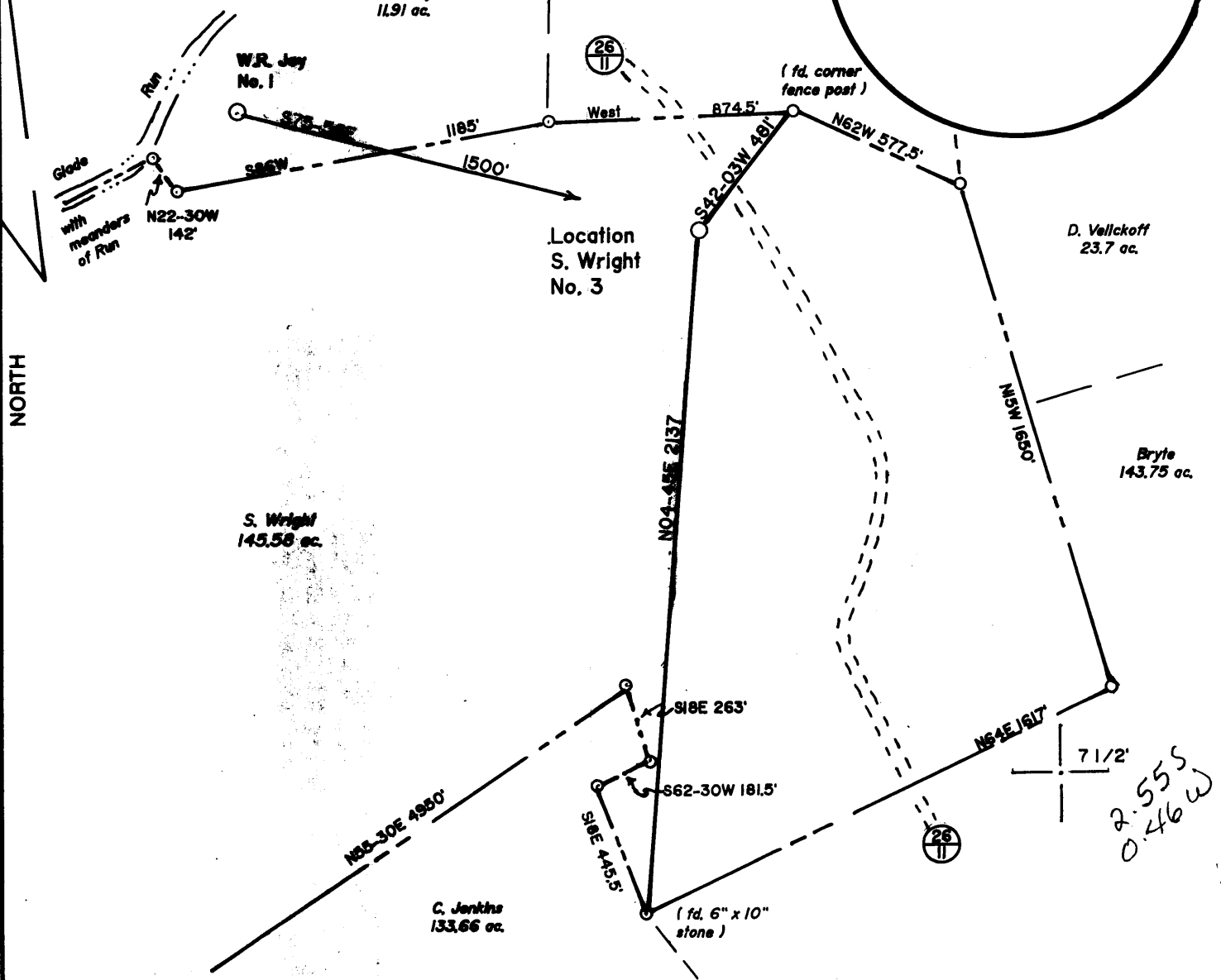
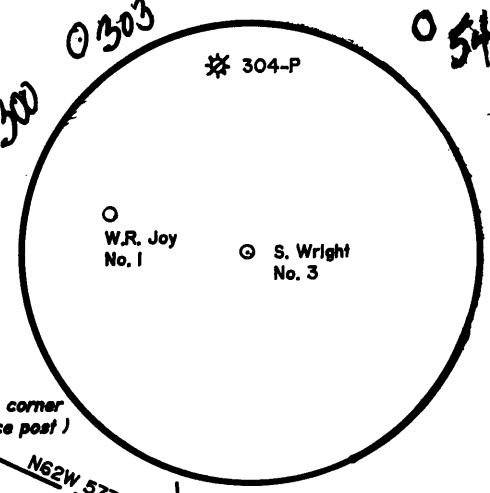
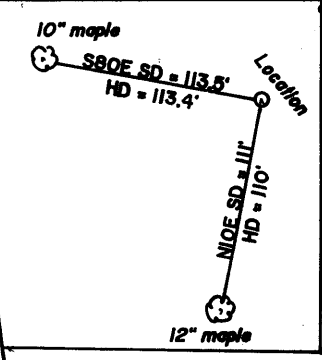
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Benson ESTIMATED DEPTH 5000' 5500'
 WELL OPERATOR Petroleum Development Corp. DESIGNATED AGENT Eric R. Stearns
 ADDRESS P.O. Box 26, Bridgeport, WV 26330 ADDRESS P.O. Box 26, Bridgeport, WV 26330

FORM WW-6

COUNTY NAME PRESTON
 PERMIT 0309 CANCELLED

James
2/24/97

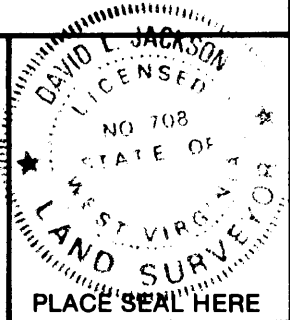
REFERENCES



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 PROVEN SOURCE OF ELEVATION Road junction 1650'
NW of Location: elev. 2149'

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 (SIGNED) David L. Jackson
 R.P.E. _____ L.L.S. 708



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. 3
 API WELL NO. 47-077-00309

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

LOCATION: ELEVATION 2142 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) Elk Sands

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Benson ESTIMATED DEPTH 5000' 5500' 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: PETROLEUM DEVELOPMENT CORPORATION ⁶⁸⁷ 38200 ① 264
- 2) Operator's Well Number: S. Wright #3 3) Elevation: 2142'
- 4) Well type: (a) Oil ___ / or Gas XX *Issued 02/24/97*
 (b) If Gas: Production XX Underground Storage XX *Express 02/24/99*
 Deep ___ / Shallow XX /
- Proposed Target Formation(s): Elk Sands ⁴³⁶
- Proposed Total Depth: 5500' feet
- Approximate fresh water strata depths: 85'; 190'; 375'; 420'
- 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
- 12)

23224

RECEIVED
Division of Environmental Protection
FEB 07 1997
Permitting Office of Oil & Gas

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
<u>Conductor</u>	11 3/4"	H-40	42#	30'	-----	-----
<u>Fresh Water</u>						
<u>Coal</u>						
<u>Intermediate</u>	8 5/8"	H-40	20/23#	640'	640'	38CSR18-11.1 38CSR18-11.2.2
<u>Production</u>	4 1/2"	J-55	10.5#	5500'	5500'	38CSR18-11.1 450 sks
<u>Tubing</u>						
<u>Liners</u>						

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)

FEB 07 1997

1) Date: January 27, 1997
2) Operator's well number S. Wright #3
3) API Well No: 47 - 077 - 0309
State County Permit

Permitting
**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 _____
Bruceton 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**

Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

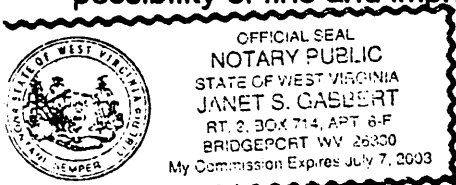
I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

- _____ 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 27th day of JANUARY, 1997

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