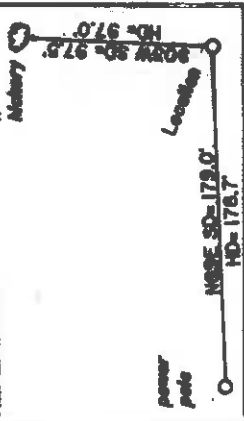


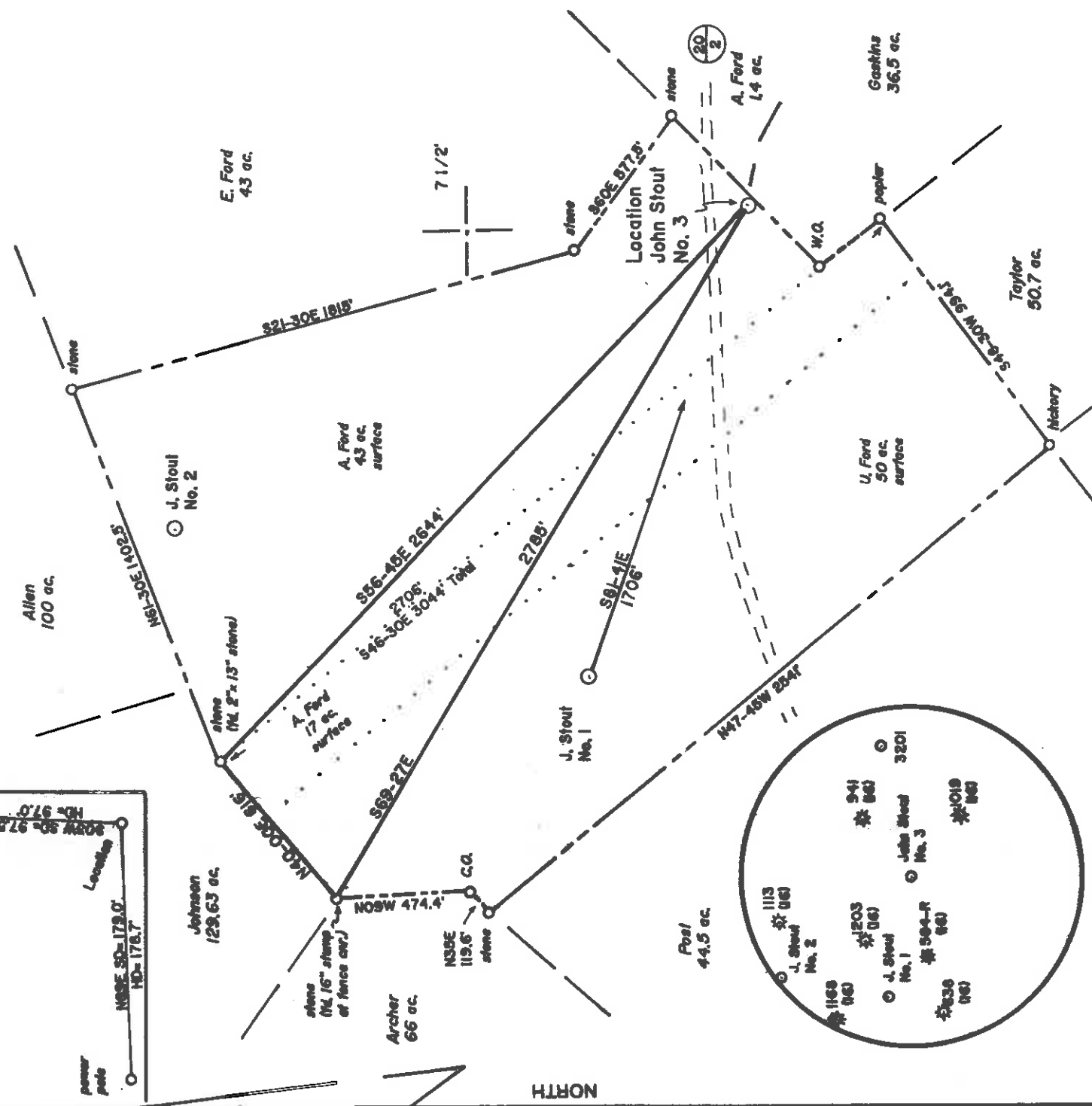
REFERENCES



3,600'

LATITUDE 39-22-30 N

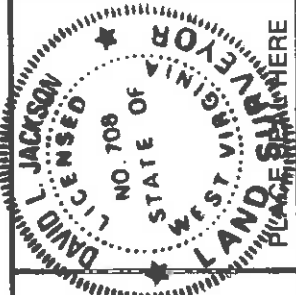
LONGITUDE 80-37-30 W



(+) 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 2700'  
SW of Location; elev. 1184'

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



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

DATE July 28, 19 94  
 OPERATOR'S WELL NO. John Stout No. 3  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 931' WATER SHED Big Battle Run  
 DISTRICT McClellan COUNTY Doddridge  
 QUADRANGLE Smithburg 7112' ACREAGE 60  
 SURFACE OWNER Austin K. Ford et ux  
 OIL & GAS ROYALTY OWNER John & Helen Stout LEASE ACREAGE 110  
 LEASE NO. 485700

PROPOSED WORK: DRILL X CONVERT \_\_\_ DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

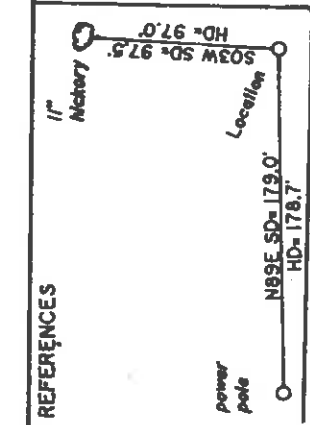
PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Benson ESTIMATED DEPTH 5000  
 WELL OPERATOR Petroleum Development Corp. DESIGNATED AGENT Eric R. Stearns  
 ADDRESS P.O. Box 26, Bridgeport, WV 26330

COUNTY NAME

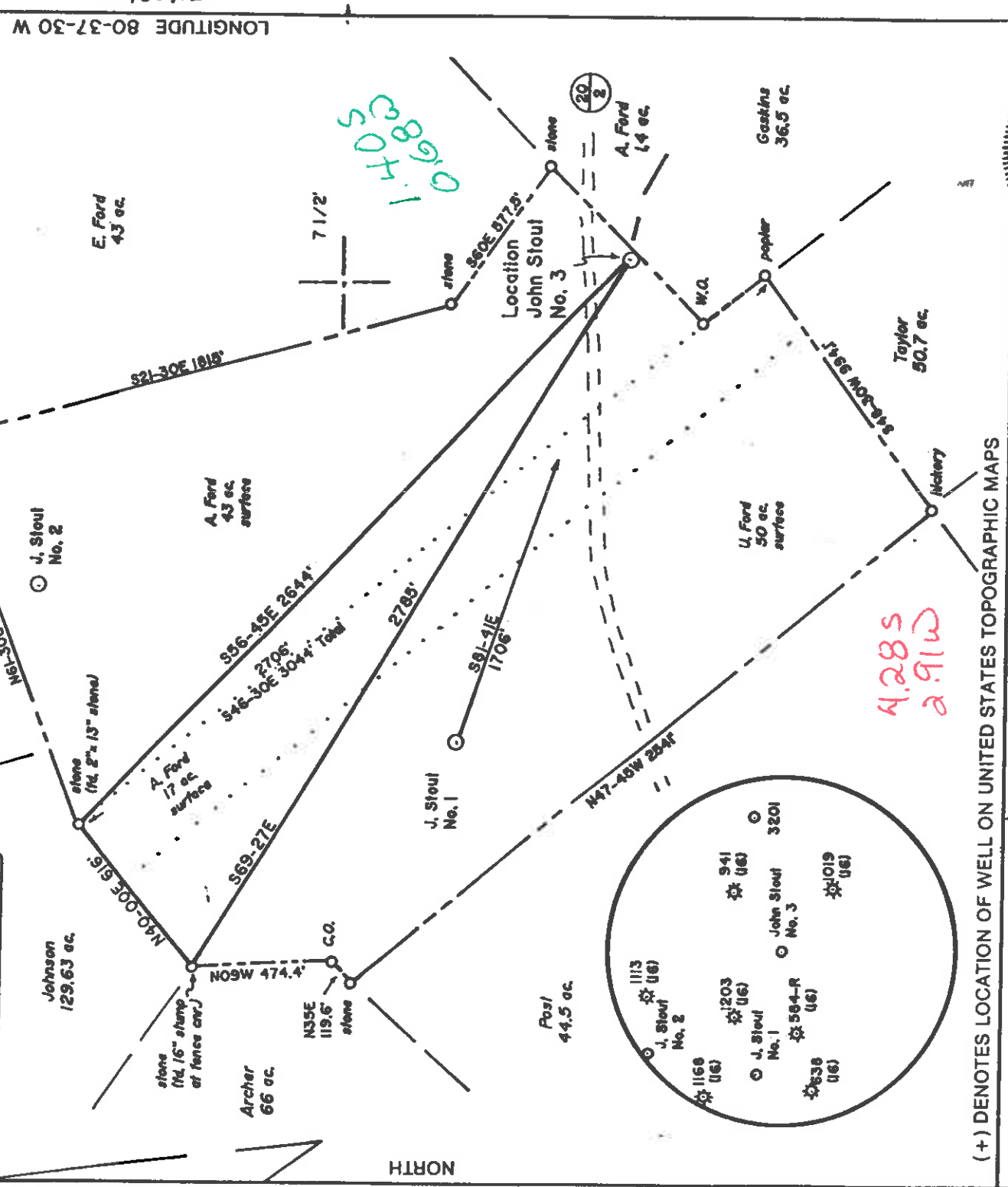
PERMIT

LATITUDE 39-22-30 N  
LONGITUDE 80-37-30 W

REFERENCES



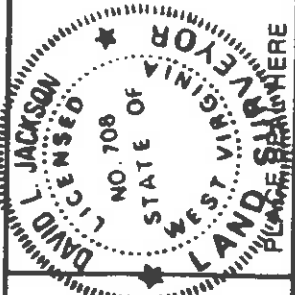
power pole  
17" Michener  
Location



(+) 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 2700'  
 SW of Location: elev. 1184'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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. Johnson  
 R.P.E. L.L.S. 708



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



DATE July 28, 19 94  
 OPERATOR'S WELL NO. John Stout No. 3  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_\_\_ GAS X LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW X  
 LOCATION: ELEVATION: 93' WATERSHED Big Battle Run

STATE \_\_\_\_\_ COUNTY \_\_\_\_\_ PERMIT \_\_\_\_\_  
47-017-4154

DISTRICT McClellan  
 QUADRANGLE Smithburg 71/2'  
 SURFACE OWNER Auslin K. Ford et ux  
 OIL & GAS ROYALTY OWNER John & Helen Stout

COUNTY Putnam  
 ACREAGE 60  
 LEASE NO. 485700

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. DESIGNATED AGENT Eric R. Stearns  
 ADDRESS P.O. Box 26, Bridgeport, WV 26330

ADDRESS P.O. Box 26, Bridgeport, WV 26330  
 PERMIT SEP 2 1994



STATE OF WEST VIRGINIA  
 PERMITTING DIVISION OF OIL AND GAS  
 OFFICE OF OIL & GAS  
 WELLBORE PERMIT APPLICATION

Page of  
 Expires 09/02/96

19643

Well Operator: Petroleum Development Corporation 38200 (5) 611

Operator's Well Number: John Stout #3 ..... 3) Elevation: 931

Well type: (a) Oil    / or Gas x /

(b)  Gas: Production x / Underground Storage    /  
 Deep    / Shallow x /

- 5) Proposed Target Formation(s): Benson 435
- 6) Proposed Total Depth: 5500' feet    ?
- 7) Approximate fresh water strata depths: 20' 1330' 1520' ?
- 8) Approximate salt water depths: none reported    ?    ?
- 9) Approximate coal seam depths: 290-293' 530-534'
- 10) Does land contain coal seams tributary to active mine? Yes    / No x
- 11) Proposed Well Work: Drill and 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#	175'	175'	surface
Fresh Water						3825M-1.3 (oil mine)
Coal						3925R-11.2
Intermediate	8 5/8"	H-40	20/23#	1565'	1565'	surface
Production	4 1/2	J-55	10.5#	5500'	5500'	450 sks
Tubing						
Linings						3825R-11.1

PACKERS : Kind   

Sizes     
 Depths sec   

12/24/80

Fee(s) paid:    For Division of Oil and Gas Use Only  
 Plat    WV-9    WV-28    Bond    Reclamation Fund    WPCF  
 (Type)

**RECEIVED**  
WV Division of  
Environmental Protection

AUG 18 1994

1) Date: August 15, 1994  
2) Operator's well number  
John Stout #3  
3) API Well No: 47 - 017 - 4154  
State - County - Permit

Permitting  
Office of Oil & Gas/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                 | Austin K. and Naomi J. Ford | 5) (a) Coal Operator:              | Name                 |                                 |
| Address                  | Rt. 2, Box 146              | Address                            |                      |                                 |
|                          | Salem, WV 26426             | (b) Coal Owner(s) with Declaration | Name                 | Reserve Coal Properties Company |
| (b) Name                 |                             | Address                            | 1800 Washington Road |                                 |
| Address                  |                             |                                    | Pittsburgh, PA 15241 |                                 |
| (c) Name                 |                             | Name                               |                      |                                 |
| Address                  |                             | Address                            |                      |                                 |
| Inspector Mike Underwood |                             | (c) Coal Lessee with Declaration   | Name                 |                                 |
| Address                  | Rt. 2, Box 135              | Address                            |                      |                                 |
| Telephone                | Salem, WV 26426             |                                    |                      |                                 |
|                          | (304) -                     |                                    |                      |                                 |

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 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.



OFFICIAL SEAL  
NOTARY PUBLIC  
STATE OF WEST VIRGINIA  
JANET S. GABBERT  
RT. 2, BOX 714, APT. 8-F  
BRIDGEPORT, WV 26330  
My Commission Expires July 7, 2003

Well Operator PETROLEUM DEVELOPMENT CORPORATION  
By: \_\_\_\_\_  
Its: \_\_\_\_\_  
Address \_\_\_\_\_ P O Box 26  
Telephone \_\_\_\_\_  
Bridgport, WV 26330

My commission expires 15th day of August, 1994  
Janet S. Gabbert Notary Public