

Janie 10/22/90

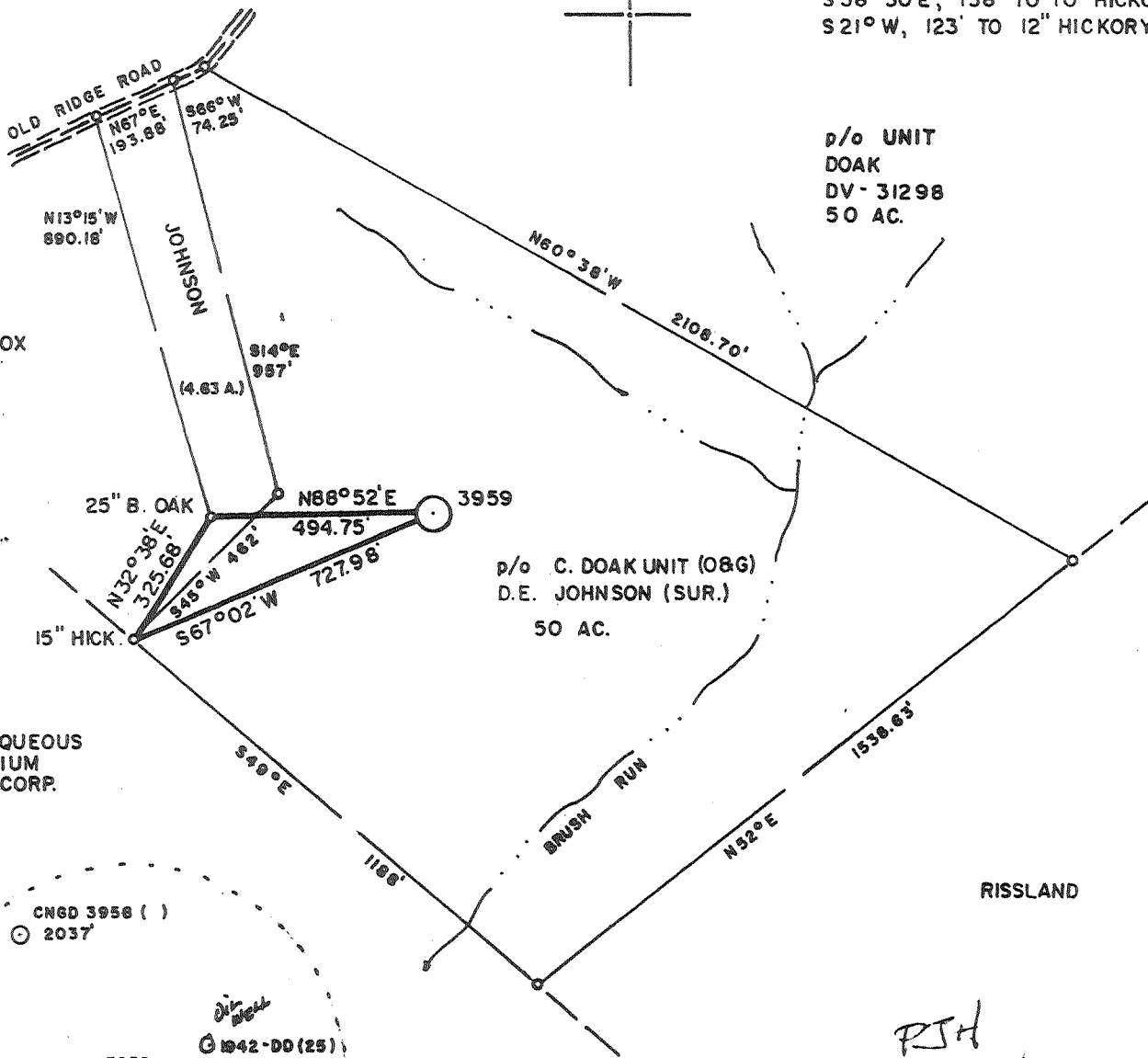
7240'

LATITUDE 39° 22' 30"

TETRICK

WELL REFERENCES:

S 38° 30' E, 138' TO 10" HICKORY  
S 21° W, 123' TO 12" HICKORY



p/o UNIT  
DOAK  
DV - 31298  
50 AC.

p/o C. DOAK UNIT (O&G)  
D.E. JOHNSON (SUR.)  
50 AC.

PSH  
7/25/90

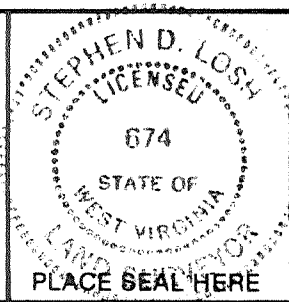
LAND SURVEYING SERVICES  
21 CEDAR LANE  
BRIDGEPORT, WV 26330  
PHONE: 304-842-2018

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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION EXIST. WELL 1942-DD  
 ELEV. - 1169'

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) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ L.L.S. 674  
 STEPHEN D. LOSH



STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



DATE MARCH 02, 19 90  
 OPERATOR'S WELL NO. 3959  
 API WELL NO. ~~Cancelled~~ 47-017-3861  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 1221' WATERSHED BRUSH RUN OF FLINT RUN  
 DISTRICT GRANT COUNTY DODDRIDGE  
 QUADRANGLE SMITHBURG 7.5 min.

SURFACE OWNER DAVID E. JOHNSON ACREAGE 50 of 54.63  
 OIL & GAS ROYALTY OWNER C. DOAK UNIT LEASE ACREAGE 50 of 100 (unit)  
 LEASE NO. DV-2954

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 BENSON ESTIMATED DEPTH 5381'  
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT RODNEY BIGGS  
 ADDRESS ONE PARK RIDGE CENTER ADDRESS RT. 2, BOX 698  
 PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330

1460  
 80° 40' 00"  
 COUNTY NAME  
 PERMIT

FORM WW-6  
 H.T. HALL 4-8673

Jamie 10/22/90

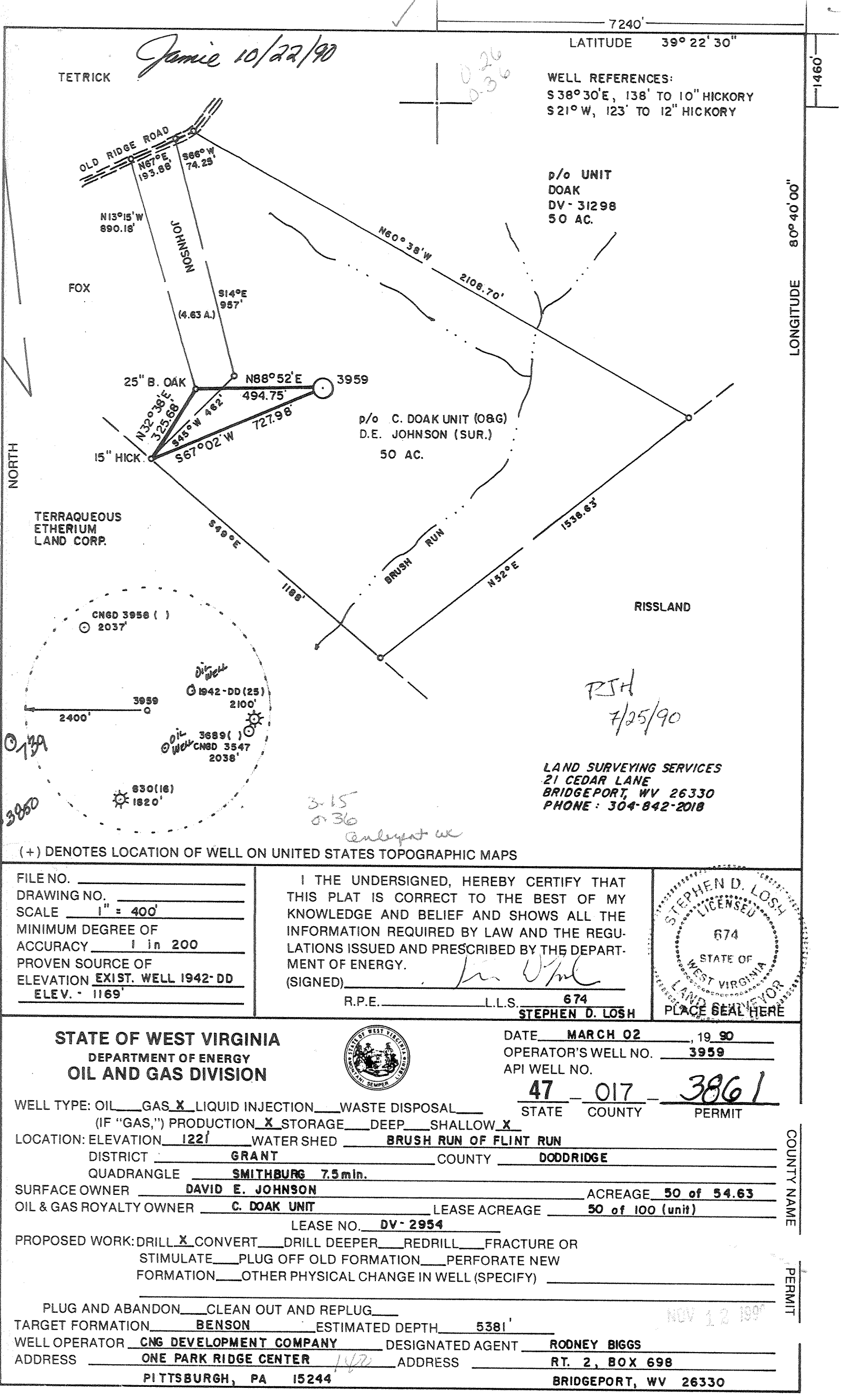
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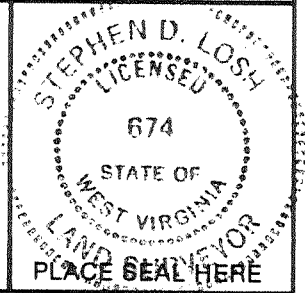
RJH  
7/25/90

3-15  
0-36  
enlighten us

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STEPHEN D. LOSH



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION



DATE MARCH 02, 19 90  
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API WELL NO. \_\_\_\_\_

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

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PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
TARGET FORMATION BENSON ESTIMATED DEPTH 5381'  
WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT RODNEY BIGGS  
ADDRESS ONE PARK RIDGE CENTER ADDRESS RT. 2, BOX 698  
PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330

NOV 12 1990

COUNTY NAME PERMIT

**STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
WELL WORK PERMIT APPLICATION**

- 1) Well Operator: 142 CNG DEVELOPMENT COMPANY 10110 (3) 610
- 2) Operator's Well Number: CNGD 3959 3) Elevation: 1221
- 4) Well type: (a) Oil \_\_\_ / or Gas X /  
(b) If Gas: Production X / Underground Storage \_\_\_ /  
Deep \_\_\_ / Shallow X /
- 5) Proposed Target Formation(s): Benson 435
- 6) Proposed Total Depth: 5381 feet
- 7) Approximate fresh water strata depths: 444
- 8) Approximate salt water depths: 1617
- 9) Approximate coal seam depths: OK. None reported
- 10) Does land contain coal seams tributary to active mine? Yes \_\_\_ / No X /
- 11) Proposed Well Work: Drill new well
- 12) Stimulate

RECEIVED  
Division of Energy  
OCT 12 90  
Permitting  
Oil and Gas Section

**CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor						
Fresh Water	11 3/4	H-40	42	200	200	To surface
Coal						To surface
Intermediate	8 5/8	X-42	23	1700	1700	38CSR18-11.2.2 & 38CSR18-11.3
Production	4 1/2	J-55	10.5	5381	5381	200-400 sks 38CSR18-11.1
Tubing	1 1/2	CN-55	2.75	5150	5150	
Liners						

PACKERS : Kind \_\_\_\_\_  
 Sizes \_\_\_\_\_  
 Depths set 040401

For Division of Oil and Gas Use Only

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

1) Date: August 9, 1990  
2) Operator's well number  
CNGD 3959  
3) API Well No: 47 - 017 - 3861  
State - County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

REC'D  
Division of  
OCT 12 9  
Permit  
Oil and Gas

- 4) Surface Owner(s) to be served:
  - (a) Name David E. Johnson
  - Address Centerville Star Rt., Box 64A  
West Union, WV 26456
  - (b) Name Roberta Wynne Williams
  - Address Centerville Star Rt., Box 64A  
West Union, WV 26456
  - (c) Name \_\_\_\_\_
  - Address \_\_\_\_\_
- 5) (a) Coal Operator:
  - Name \_\_\_\_\_
  - Address \_\_\_\_\_
  - (b) Coal Owner(s) with Declaration
    - Name n/a
    - Address \_\_\_\_\_
  - (c) Coal Lessee with Declaration
    - Name \_\_\_\_\_
    - Address \_\_\_\_\_
- 6) Inspector Mike Underwood
- Address Route 2, Box 135  
Salem, WV 26426
- Telephone (304)- 782-1043

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  
X 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)  
X \_\_\_\_\_ 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 CNG Development Company  
By: [Signature]  
Its: Supervisor Purchasing/Production Services  
Address One Park Ridge Center, P.O. Box 15746  
Pittsburgh, PA 15244  
Telephone (412) 787-4117

Subscribed and sworn before me this 9 day of August, 1990

[Signature]  
My commission expires \_\_\_\_\_

Notarial Seal  
Barbara A. Schaub, Notary Public  
Findlay Twp., Allegheny County  
My Commission Expires June 14, 1993

Notary Public