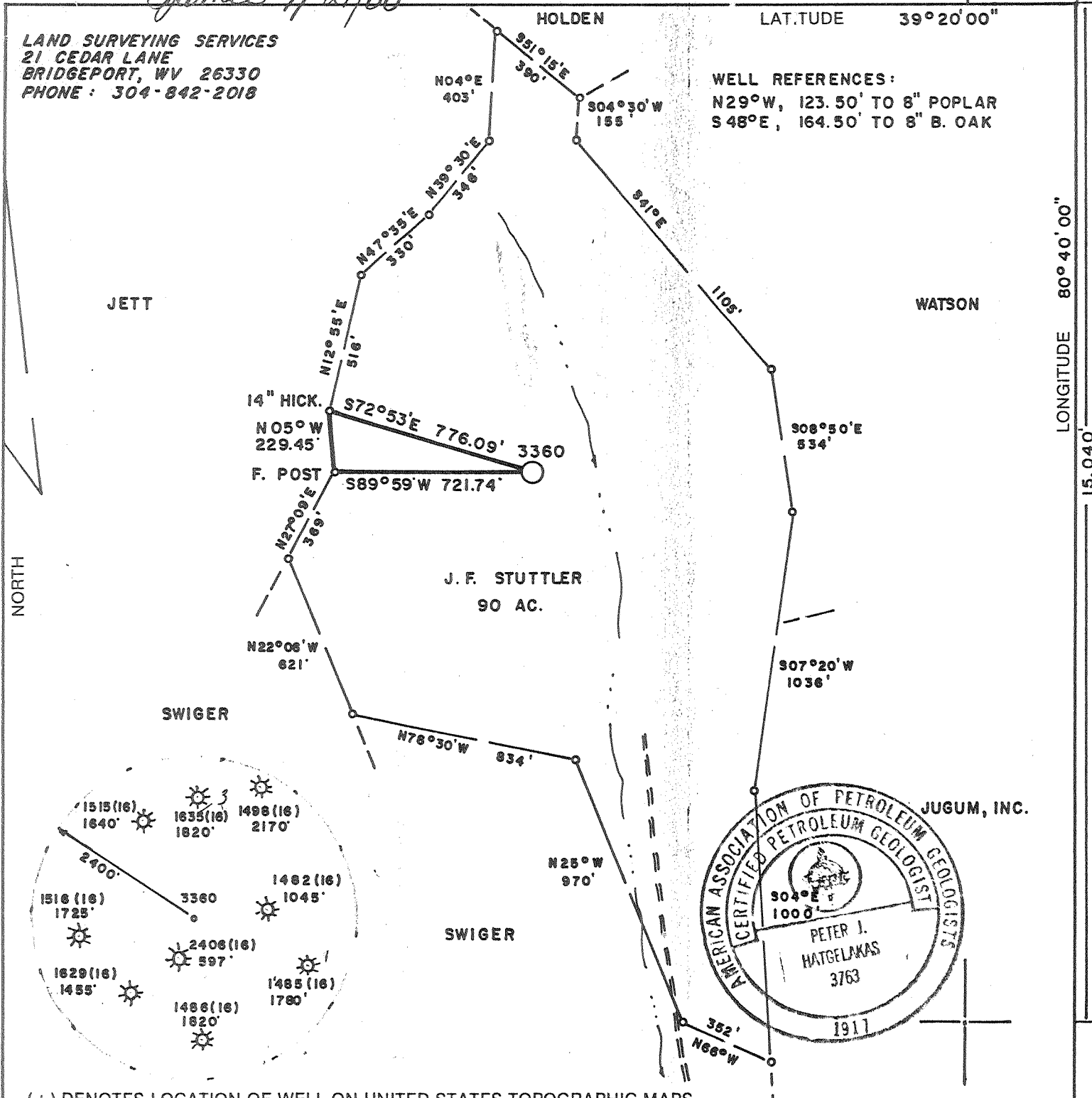


Jamie 7/2/88

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

LATITUDE 39°20'00"

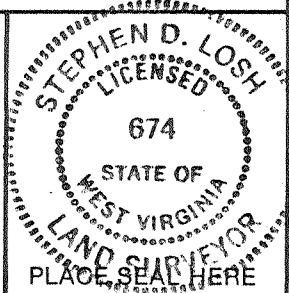
WELL REFERENCES:
N29°W, 123.50' TO 8" POPLAR
S48°E, 164.50' TO 8" B. OAK



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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION TOP OF KNOB 700'S.W. OF LOCATION ELEV. - 1321'

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 JUNE 02, 19 88
OPERATOR'S WELL NO. 3360
API WELL NO. _____

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
LOCATION: ELEVATION 1095' WATERSHED DRAIN OF BUCKEYE RUN OF MIDDLE ISLAND CREEK
DISTRICT GRANT COUNTY DODDRIDGE
QUADRANGLE SMITHBURG 7.5 min.
SURFACE OWNER HELEN G. SULLIVAN (LIFE ESTATE), J. NELSON SULLIVAN ACREAGE 89
OIL & GAS ROYALTY OWNER JACOB F. STUTTLER LEASE ACREAGE 90
LEASE NO. TC 26520

47 - 017 - 3659
STATE COUNTY PERMIT
Cancelled

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 ALEXANDER ESTIMATED DEPTH 5400'
WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS
ADDRESS ONE PARK RIDGE CENTER ADDRESS RT. 2, BOX 698
PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330

SEP 24 1990

LONGITUDE 80°40'00"

COUNTY NAME

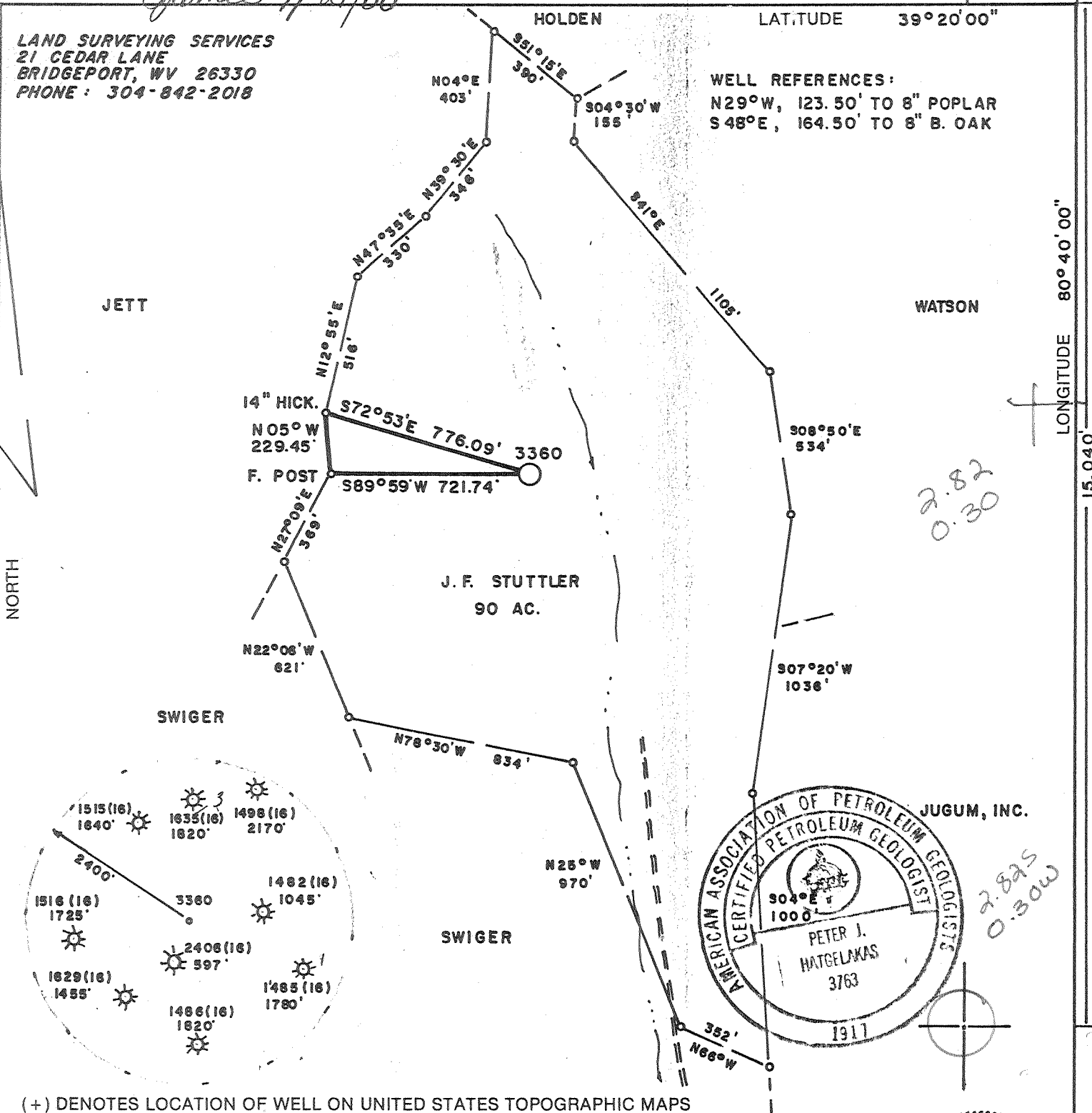
PERMIT

FORM WW-6
H.T. HALL 48673

Jamie 7/21/88

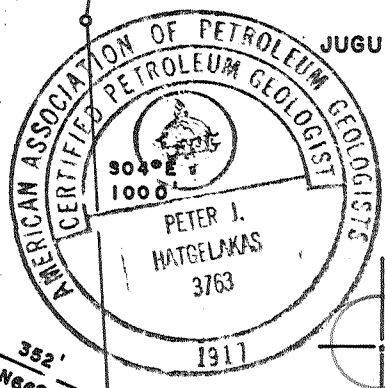
LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018

WELL REFERENCES:
N29°W, 123.50' TO 8" POPLAR
S48°E, 164.50' TO 8" B. OAK



*2.82
0.30*

*2.825
0.30W*

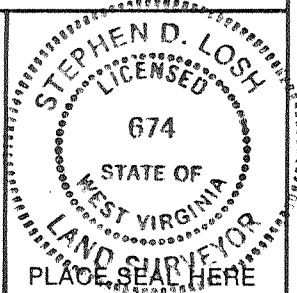


JUGUM, INC.

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

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DRAWING NO. _____
SCALE 1" = 500'
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PROVEN SOURCE OF ELEVATION TOP OF KNOB 700'S.W. OF LOCATION ELEV. 1321'

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) *Stephen D. Losh*
R.P.E. _____ L.L.S. 674
STEPHEN D. LOSH



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE JUNE 02, 19 88
OPERATOR'S WELL NO. 3360
API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW X
LOCATION: ELEVATION 1095' WATERSHED DRAIN OF BUCKEYE RUN OF MIDDLE ISLAND CREEK
DISTRICT GRANT 3 COUNTY DODDRIDGE
QUADRANGLE SMITHBURG 7.5 min. 61 0227
SURFACE OWNER HELEN G. SULLIVAN (LIFE ESTATE), J. NELSON SULLIVAN ACREAGE 89
OIL & GAS ROYALTY OWNER JACOB F. STUTTLE LEASE ACREAGE 90
LEASE NO. TC 26520

PROPOSED WORK: DRILL X 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 ALEXANDER ESTIMATED DEPTH 5400'
WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS
ADDRESS ONE PARK RIDGE CENTER ADDRESS RT. 2, BOX 698
PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330

AUG 5 - 1988

COUNTY NAME
PERMIT

H.T. HALL 49673 FORM WW-6

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

- 1) Well Operator: CNG DEVELOPMENT COMPANY 10/10, 3, 610
- 2) Operator's Well Number: CNGD 3360 3) Elevation: 1095
- 4) Well type: (a) Oil / or Gas X /
 (b) If Gas: Production X / Underground Storage /
 Deep / Shallow X /
- 5) Proposed Target Formation(s): Alexander
- 6) Proposed Total Depth: 5375 feet
- 7) Approximate fresh water strata depths: 23, 94', 82, 79'
- 8) Approximate salt water depths: -
- 9) Approximate coal seam depths: 523 534'-541' 662'-672', 530-55'
- 10) Does land contain coal seams tributary to active mine? Yes / No X /
Sample coal possibly from 530' to 680'
- 11) Proposed Well Work: Drill new well & stimulate
- 12)

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	1450	1450	38CSR1811.2.2 & 38CSR1811.3
Production	4-1/2	J-55	10.5	5400	5400	200-400 sks 38CSR18-11.1
Tubing	1-1/2	CN-55	2.75			
Liners						

RECEIVED
 JUL 19 1988

PACKERS : Kind _____
 Sizes _____
 Depths set _____

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond 50 Blanket Agent
 (Type)

1449

024510
 [Handwritten initials]



1) Date: July 8, 1988
2) Operator's well number
CNGD 3360
3) API Well No: 47 - 017 - 3659
State - County - Permit

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
- (a) Name Helen Grace Sullivan
 - Address J. Nelson & Ellen J. Sullivan
10426 Baltimore National Pike
 - (b) Name Ellicott City, MD 21043
 - Address _____
 - (c) Name _____
 - Address _____
- 5) (a) Coal Operator:
- Name _____
 - Address _____
 - (b) Coal Owner(s) with Declaration
 - Name Willis G. Tetrick, et al Trustees
 - Address P.O. Box 267
Clarksburg, WV 26301
 - Name _____
 - Address _____
 - (c) Coal Lessee with Declaration
 - Name Consolidation Coal Company
 - Address Consol Plaza
Pittsburgh, PA 15241
- 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 8th day of July, 19 88

[Signature] Notary Public

My commission expires 12/19/88