

9865'

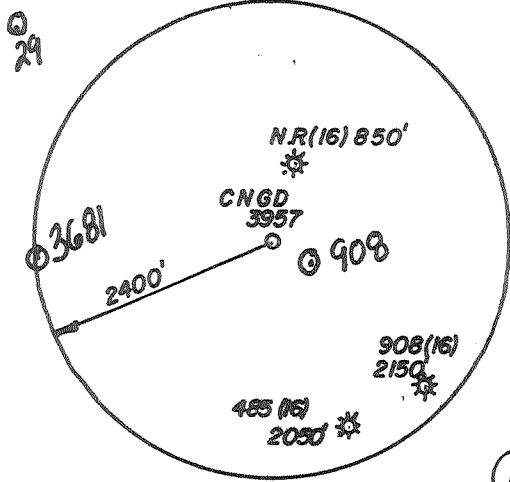
LATITUDE 39° 25' 00"

WELL REFERENCES:

S28°W, 169' TO 10" SUGAR
S55°E, 113' TO UTIL. POLE IX5438

Jamie 3/27/90

YEATER



CARROLL

UNDERWOOD

0493

S6°E, 1980'

N31°W, 1567.50'

CARROLL

WM. UNDERWOOD
61. ACRES

LONGITUDE 80° 40' 00"

13390'

NORTH

UNDERWOOD

61" WHITE OAK (FOUND)

S82°31'W, 706.59'

N26°E, 346.50'

N40°E, 594'

S65°W, 462'

S2°31'E, 632.60'

12" SUGAR MAPLE

S28°W, 717.75'

N42°54'E, 988.31'

RALPHS RUN

S11°W, 231'

CNGD 3957

N24°W, 569.25'

S42°W, 775.50'

7.5'

S27°E, 90.75'

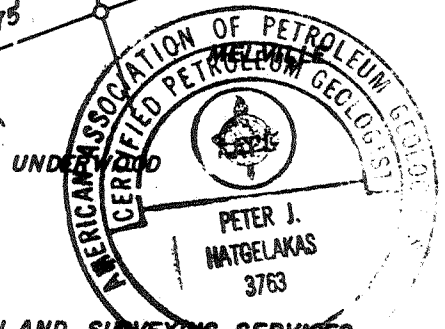
S14°30'E, 222.75'

S32°E, 161.7'

LEWIS

TETRICK

WILLIAMS



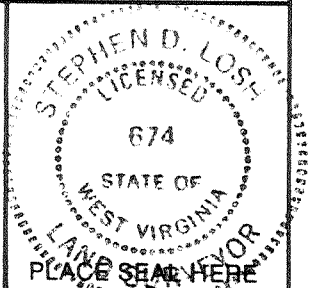
LAND SURVEYING SERVICES
21 CEDAR LANE 1911
BRIDGEPORT, WV 26330
PHONE: 304-842-2018

(+) 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 1862'
NE. OF LOC. AT ELEV. 1245'

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) *[Signature]*
 R.P.E. _____ L.L.S. NO. 674
STEPHEN D. LOSH



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE FEB. 16, 19 90
 OPERATOR'S WELL NO. CNGD 3957
 API WELL NO. _____

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

LOCATION: ELEVATION 900' WATER SHED RALPHS RUN
 DISTRICT McCLELLAN COUNTY DODDRIDGE

47-017-3803
 STATE COUNTY PERMIT

CANCELLED

QUADRANGLE CENTER POINT
 SURFACE OWNER SHERL UNDERWOOD ACREAGE 91.38
 OIL & GAS ROYALTY OWNER WM. UNDERWOOD HRS. LEASE ACREAGE 61.
 LEASE NO. DV 31147

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 BENSON ESTIMATED DEPTH 5060'
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT RODNEYS J. BIGGS
 ADDRESS ONE PARK RIDGE CENTER ADDRESS RT. 2, BOX 698
PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330

JUN 16 1992

COUNTY NAME **Dodd**
PERMIT **3803**

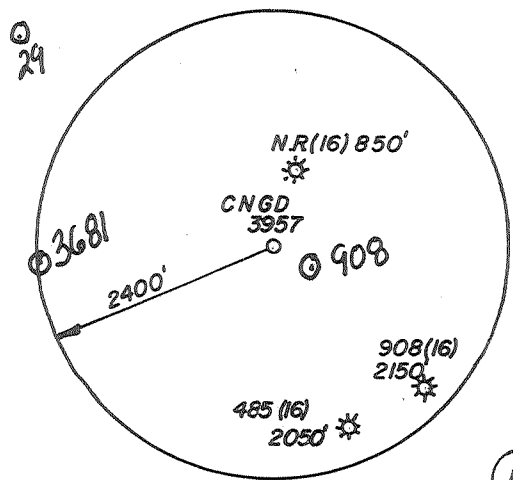
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S55°E, 113' TO UTIL. POLE IX5438

Janie 3/27/90

YEATER

024



CARROLL

UNDERWOOD

483

S70°W, 684.75'

N31°W, 1567.50'

S6°E, 1980'

CARROLL

WM. UNDERWOOD
61. ACRES

LONGITUDE 80° 40' 00"

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12/1

61" WHITE OAK (FOUND)

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UNDERWOOD

S65°W, 462'

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12" SUGAR MAPLE

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N42°05'4"E, 988.31'

N24°W, 569.25'

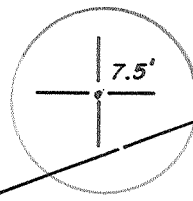
S11°W, 231'

CNGD 3957

N51°24'E, 2235.75'

MELVILLE

S42°W, 775.50'



S27°E, 90.75'

UNDERWOOD

S14°30'E, 222.75'

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

S32°E 161.7'

TETRICK

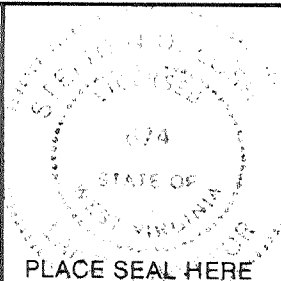
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 (SIGNED) *[Signature]*
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STEPHEN D. LOSH



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE FEB. 16, 19 90
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 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
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 TARGET FORMATION BENSON ESTIMATED DEPTH 5060'
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT RODNEYS J. BIGGS
 ADDRESS ONE PARK RIDGE CENTER ADDRESS RT. 2, BOX 698
PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330

COUNTY NAME PERMIT

APR 1 1990

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

- 1) Well Operator: CNG DEVELOPMENT COMPANY *Issued 4/9/90 Expires 4/9/92*
- 2) Operator's Well Number: CNGD 3957 3) Elevation: 900
- 4) Well type: (a) Oil / or Gas /
(b) If Gas: Production / Underground Storage
Deep / Shallow
- 5) Proposed Target Formation(s): Benson 435
- 6) Proposed Total Depth: 5060 feet
- 7) Approximate fresh water strata depths: 376 273', 193'
- 8) Approximate salt water depths: n/a 1055'
- 9) Approximate coal seam depths: 225, 475 598-599' - 641'-642'
- 10) Does land contain coal seams tributary to active mine? Yes / No
- 11) Proposed Well Work: Drill new well
- 12) *Drill & Stimulate New Well*

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor						
Fresh Water	11 3/4	H-40	42	120	120	To surface
Coal						To surface
Intermediate	8 5/8	X-42	23	1250	1250	38CSR1811.2.2 & 38CSR18-11.3
Production	4 1/2	J-55	10.5	5060	5060	200-400 sks 38CSR18-11.1
Tubing	1 1/2	CN-55	2.75			
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

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

MAR 19 1990
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: March 12, 1990
2) Operator's well number
CNGD 3957
3) API Well No: 47 - 017 - 3803
State - County - Permit

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 Shirl Underwood
Address CP Star Route Box 96
West Union, WV 26456
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
Name _____
Address _____
- (b) Coal Owner(s) with Declaration
Name same as surface owner
Address _____
- Name _____
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 12 day of March, 1990

My commission expires _____

[Signature]

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

Notary Public