

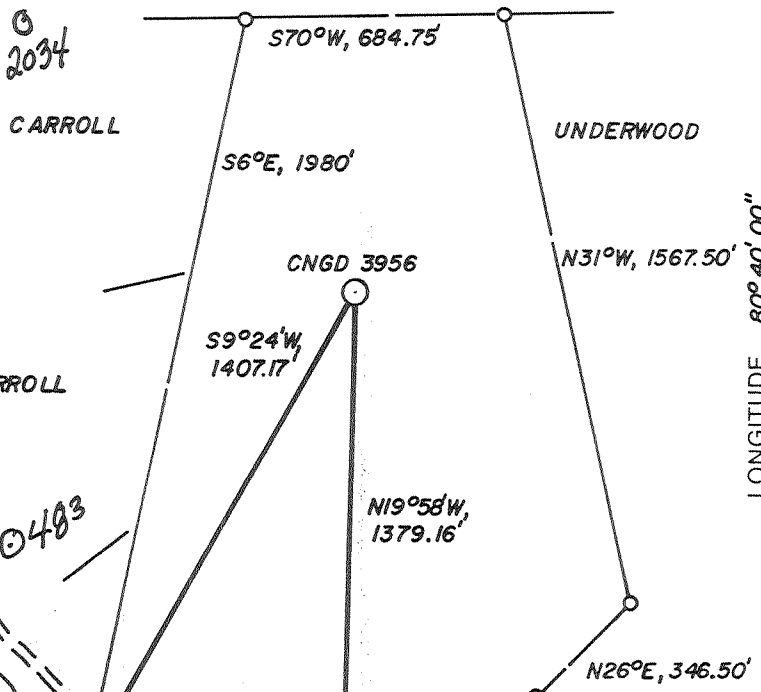
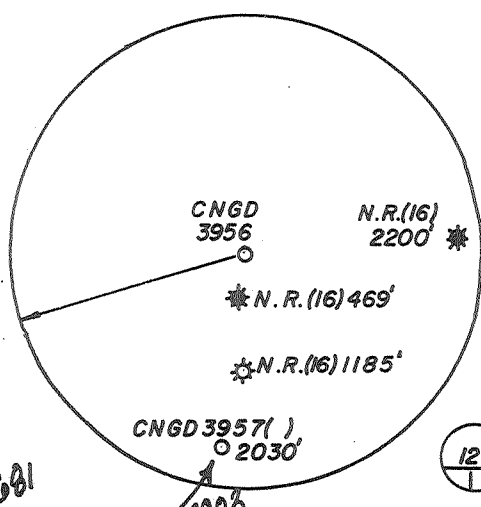
9600'

LATITUDE 39° 25' 00"

WELL REFERENCES:

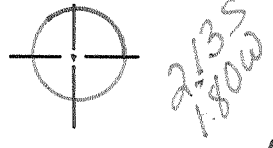
S7°30'E, 198' TO 14" BLACK OAK
N28°E, 156' TO 8" HICKORY

Jamie 4/10/90
YEATER



LONGITUDE 80° 40' 00"

11,385



TETRICK 2.13
1.80 antepoint w c

LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE 1 304-842-2018

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 169' S. 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) _____
 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 3956
 API WELL NO. 47-017-3807
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1232' WATER SHED RALPHS RUN
 DISTRICT MCCLELLAN 5 COUNTY DODDRIDGE
 QUADRANGLE CENTER POINT 7.5
 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 5400'
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT RODNEY J. BIGGS
 ADDRESS ONE PARK RIDGE CENTER ADDRESS RT. 2, BOX 698
PITTSBURG WV 25244 BRIDGEPORT WV 26330

COUNTY NAME PERMIT

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

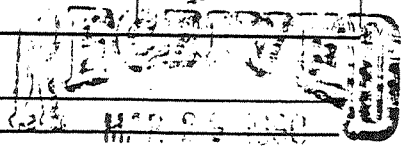
*Issued 4/16/90
Expires 4/16/92*

- 1) Well Operator: CNG DEVELOPMENT COMPANY 10110 (5) 286
- 2) Operator's Well Number: CNGD 3956 3) Elevation: 1232
- 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: 5400 feet
- 7) Approximate fresh water strata depths: 708
- 8) Approximate salt water depths: n/a
- 9) Approximate coal seam depths: 557, 807
- 10) Does land contain coal seams tributary to active mine? Yes / No X
- 11) Proposed Well Work: Drill new well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor						
Fresh Water	11 3/4	H-40	42	200	200 <i>CS</i>	To surface
Coal						To surface
Intermediate	8 5/8	X-42	23	1700	1700 <i>CS</i>	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	5200	5200	
Liners						

PACKERS : Kind
 Sizes
 Depths set



For Division of Oil and Gas Use Only DEPARTMENT OF ENERGY

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

3934

RECEIVED
MAR 29 1990

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

- 1) Date: March 20, 1990
- 2) Operator's well number
CNGD 3956
- 3) API Well No: 47 - 017 - 3807
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

RECEIVED
MAR 29 1990
DEPT. OF ENERGY

- 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 _____
 - (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 20 day of March, 1990

[Signature]
My commission expires _____

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

Notary Public