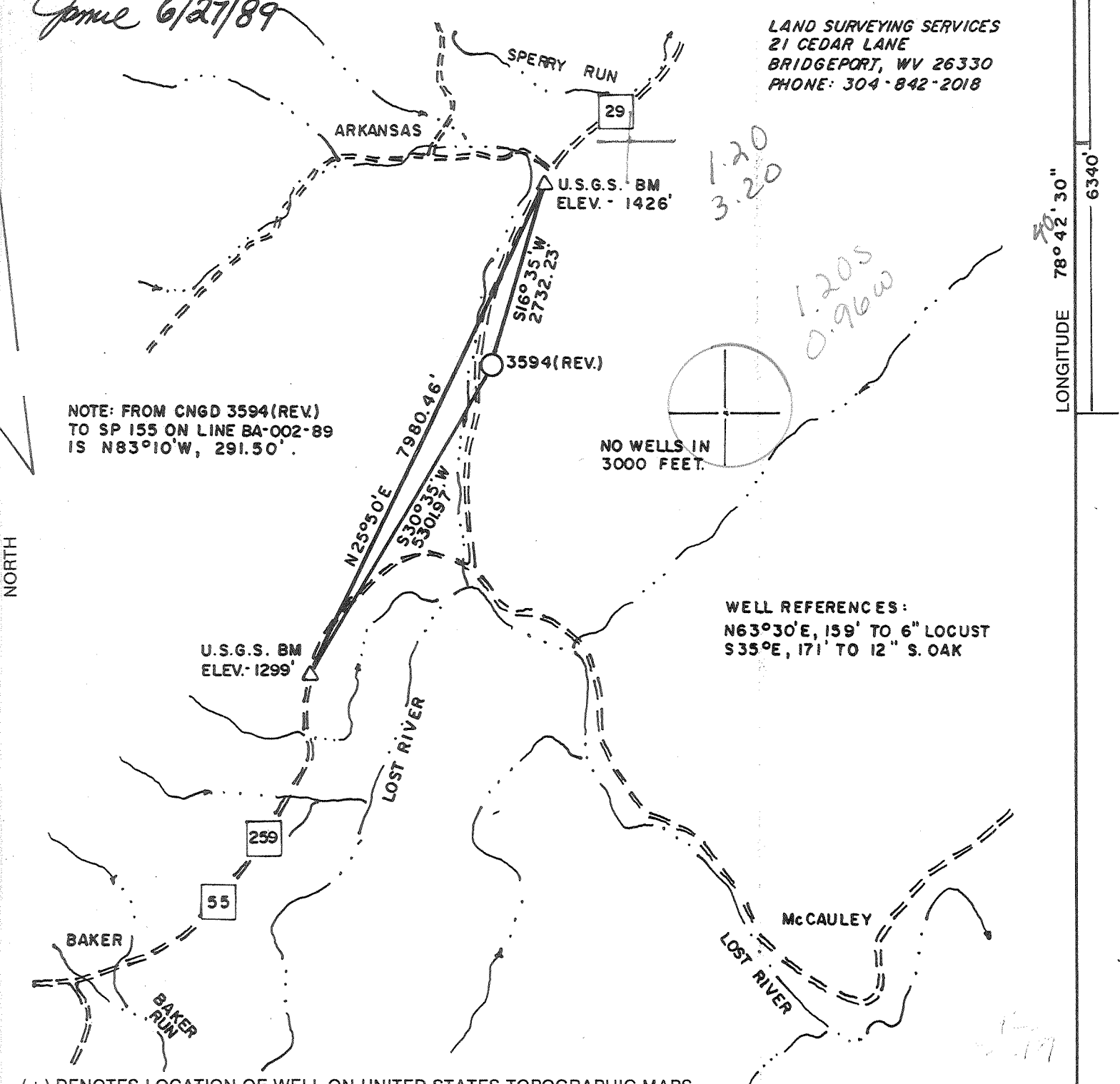


Opmie 6/27/89

LATITUDE 39°05'00"

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



LONGITUDE 78°42'30" 6340

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 2000'
MINIMUM DEGREE OF
ACCURACY 1 in 2500
PROVEN SOURCE OF
ELEVATION U.S.G.S. BM's AS
SHOWN ABOVE

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF ENERGY.
(SIGNED) *Stephen D. Losh*
R.P.E. _____ L.L.S. 674
STEPHEN D. LOSH

STEPHEN D. LOSH
LICENSED
674
STATE OF
WEST VIRGINIA
LAND SURVEYOR
PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

DATE MAY 22, 19 89
OPERATOR'S WELL NO. 3594 (REV.)
API WELL NO. 47-031-0023
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1347' WATER SHED DRAIN OF LOST RIVER
DISTRICT CAPON COUNTY HARDY
QUADRANGLE BAKER 7.5 min. 229 1207 (wardensville) sw

SURFACE OWNER WILLIAM P. WARDEN ACREAGE 1,974
OIL & GAS ROYALTY OWNER WILLIAM P. WARDEN LEASE ACREAGE 2,250
LEASE NO. DV-30797

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 ORISKANY ESTIMATED DEPTH 6,350'
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

JUN 30 1989

COUNTY NAME PERMIT

DEEP WELL 1-0 unnamed (o)

RECEIVED
OCT 19 1989

28-Jun-89
API # 47- 31-00023

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: WARDEN, WILLIAM P. Operator Well No.: CNGD 3594-REV.

LOCATION: Elevation: 1347.00 Quadrangle: BAKER

District: CAPON County: HARDY
Latitude: 6340 Feet South of 39 Deg. 5 Min. 0 Sec.
Longitude 5120 Feet West of 78 Deg. 42 Min. 30 Sec.

Company: CNG DEVELOPMENT CO., A DE
P. O. BOX 15746
PITTSBURGH, PA 15244-0000

Agent: RODNEY J. BIGGS

Inspector: PHILLIP TRACY
Permit Issued: 06/28/89
Well work Commenced: 7/25/89
Well work Completed: 8/10/89
Verbal Plugging _____
Permission granted on: 8/14/89
Rotary XX Cable _____ Rig _____
Total Depth (feet) 7538
Fresh water depths (ft) 35', 238', 320'
Salt water depths (ft) _____
Is coal being mined in area (Y/N)? No
Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
13 3/8	172	172	To Surf.
9 5/8	2171	2171	To Surf.

OPEN FLOW DATA

Producing formation P & A Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: Rodney J. Biggs, Manager
CNG DEVELOPMENT CO., A DELAWARE CORP.
By: Rod Biggs
Date: August 25, 1989

OCT 20 1989

Plug and Abandon well with 420 sks Class A Cement, pump plugs as follow:

0 - 60'	25 sks Class A
2150 - 2287	85 sks Class A
4150 - 4369	160 sks Class A
5900 - 6007	65 sks Class A
7000 - 7225	85 sks Class A

Sd, Sh & RR	0	5369
Purcell	5370	5740
Marcellus	5740	6900
Br. Break	6900	6920
Needmore	6920	7017
Oriskany	7017	7370
Helderberg	7370	7538

LOG TOPS

Purcell	5338	5778
Purcell	6247	6570
Needmore	6891	6984
Oriskany	6984	7370
Helderberg	7370	
TD	7536	

2506

WELL 3 1 131

47-031-0023

FORM WW-2B

STATE OF WEST VIRGINIA *Drawn 6/28/89 Expires 6/28/89*
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: CNG Development Company 10110, 1, 230
- 2) Operator's Well Number: CNGD 3594 3) Elevation: 1347
- 4) Well type: (a) Oil / or Gas /
(b) If Gas: Production / Underground Storage /
Deep / Shallow /
- 5) Proposed Target Formation(s): Oriskany
- 6) Proposed Total Depth: 6350 feet
- 7) Approximate fresh water strata depths: -
- 8) Approximate salt water depths: -
- 9) Approximate coal seam depths: -
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: Drill new well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor						
Fresh Water	13 3/8	K-55	54.5	160	160	To surface 38CSR-18-11.3
Coal						
Intermediate	9 5/8	K-55	36	2200	2200	To surface 38CSR-18-11.3
Production	5 1/2	M-75	17	6300	6300	250-350 sks 38CSR-18-11.1
Tubing	2 3/8	J-55	4.7	6100	6100	
Liners						

9056

PACKERS : Kind _____
Sizes _____
Depths set _____

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JUN 22 1989

030458
14

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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

Page 1 of _____
Form WW2-A
(09/87)
File Copy

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JUN 22 1989

DIVISION OF OIL & GAS 3)
DEPARTMENT OF ENERGY

Date: June 5, 1989
Operator's well number
CNGD 3594
API Well No: 47 - 031 - 0023
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>William P. Warden</u>
Address <u>c/o Dr. William E. Warden</u>
<u>4332 Alfriends Trail, Virginia Beach, VA 23455</u></p> <p>(b) Name _____
Address _____</p> <p>(c) Name _____
Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name _____
Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name <u>same as Surface Owner</u>
Address _____</p> <p>Name _____
Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name _____
Address _____</p> |
| <p>6) Inspector <u>Phillip Tracy</u>
Address <u>Rt. 2, Box 37-A</u>
<u>Montrose, WV 26283</u>
Telephone (304)- <u>636-8798</u></p> | |

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 5 day of June, 19 89

[Signature]
My commission expires 5/21/90

NOTARIAL SEAL
SHEILA L. MERIC, NOTARY PUBLIC
FINDLAY TOWNSHIP, ALLEGHENY COUNTY
MY COMMISSION EXPIRES MAY 21, 1990
Member, Pennsylvania Association of Notaries

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVITE SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: WARDEN, WILLIAM P. Operator Well No.: CNGD 3594-REV.

LOCATION: Elevation: 1347.00 Quadrangle: BAKER
District: CAPON County: HARDY
Latitude: 6340 Feet South of 39 Deg. 5 Min. 0 Sec.
Longitude 5120 Feet West of 78 Deg. 42 Min. 30 Sec.

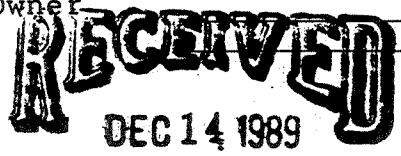
Well Type: OIL _____ GAS _____

Company: CNG Development Company
Rt. 2, Box 698
Bridgeport, WV 26330

Coal Operator William P. Warden
or Owner c/o Dr. William B. Warden
4332 Alfriends Trail
Virginia Beach, VA 23455

Agent: _____
Inspector: Phillip Tracy
Permit Issued: 11/28/89

Coal Operator _____
or Owner _____



AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Hardy ss:

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

_____ Nowsco and _____ being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by CNG Development Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 14th day of August, 1989, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
25 sks Class A	0	60		13 3/8" 172'
85 sks Class A	2150	2287		9 5/8" 217'
160 sks Class A	4150	4369		
65 sks Class A	5900	6007		
85 sks Class A	7000	7225		

Description of monument: 48" x 8" Cap-Vent hole on side. Plate reads CNGD #3594 Permit No. 47-31-00023

and that the work of plugging and filling said well was completed on the 14th day of August, 1989.

And further deponents saith not.

Water Right

Sworn and subscribe before me this 11th day of December, 1989
My commission expires: 07/11/93

Mary Ellen Ellifitt
Notary Public