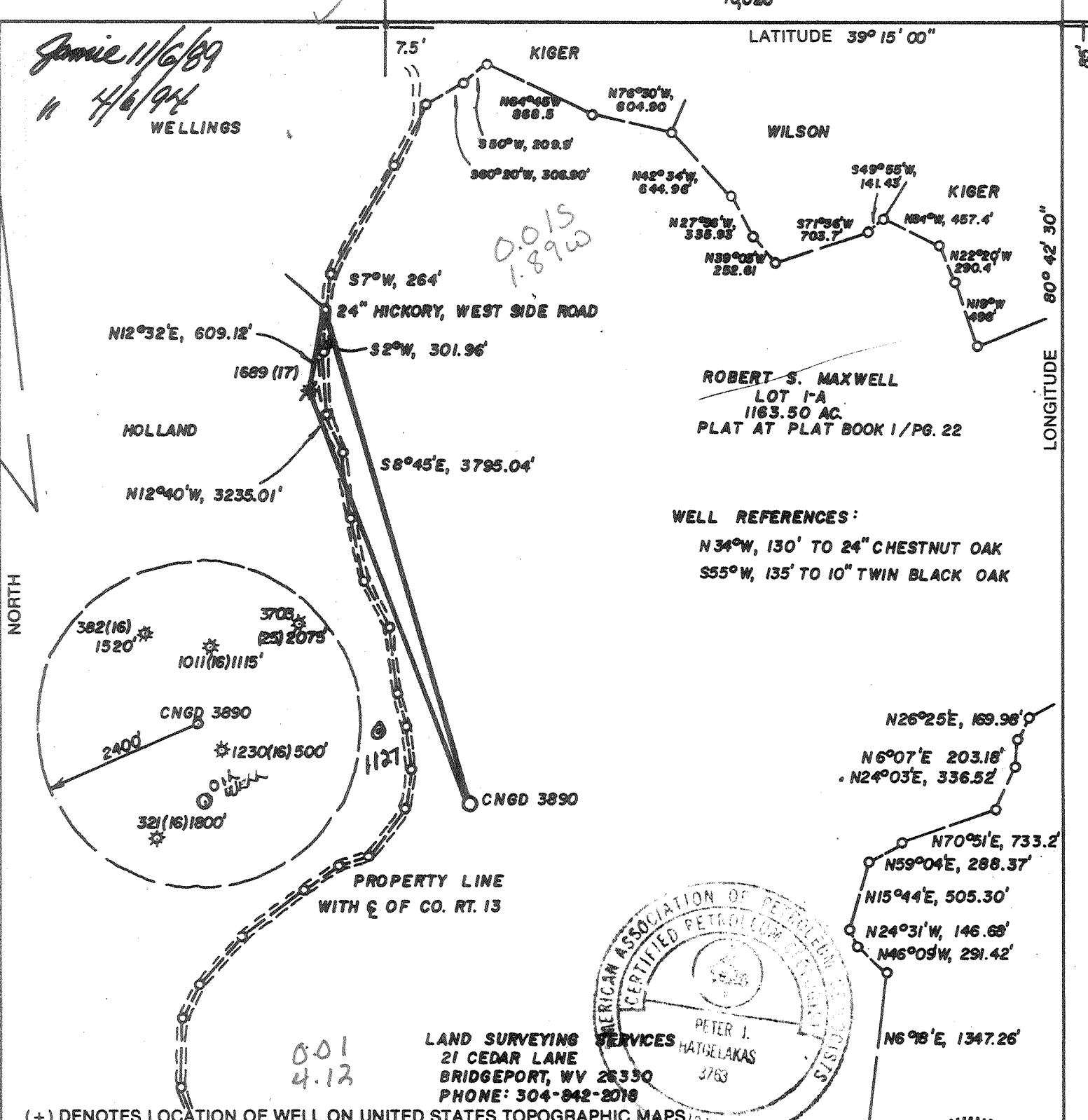
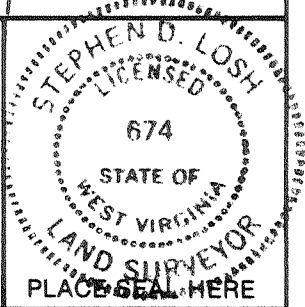


Janie 1/16/89
4/6/94
WELLINGS



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1,000
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 5215' NE OF LOC. AT ELEV. 1283'

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 SEPT. 25, 19 89
 OPERATOR'S WELL NO. CNGD 3890
 API WELL NO. 47-017-3758-F
 STATE COUNTY PERMIT

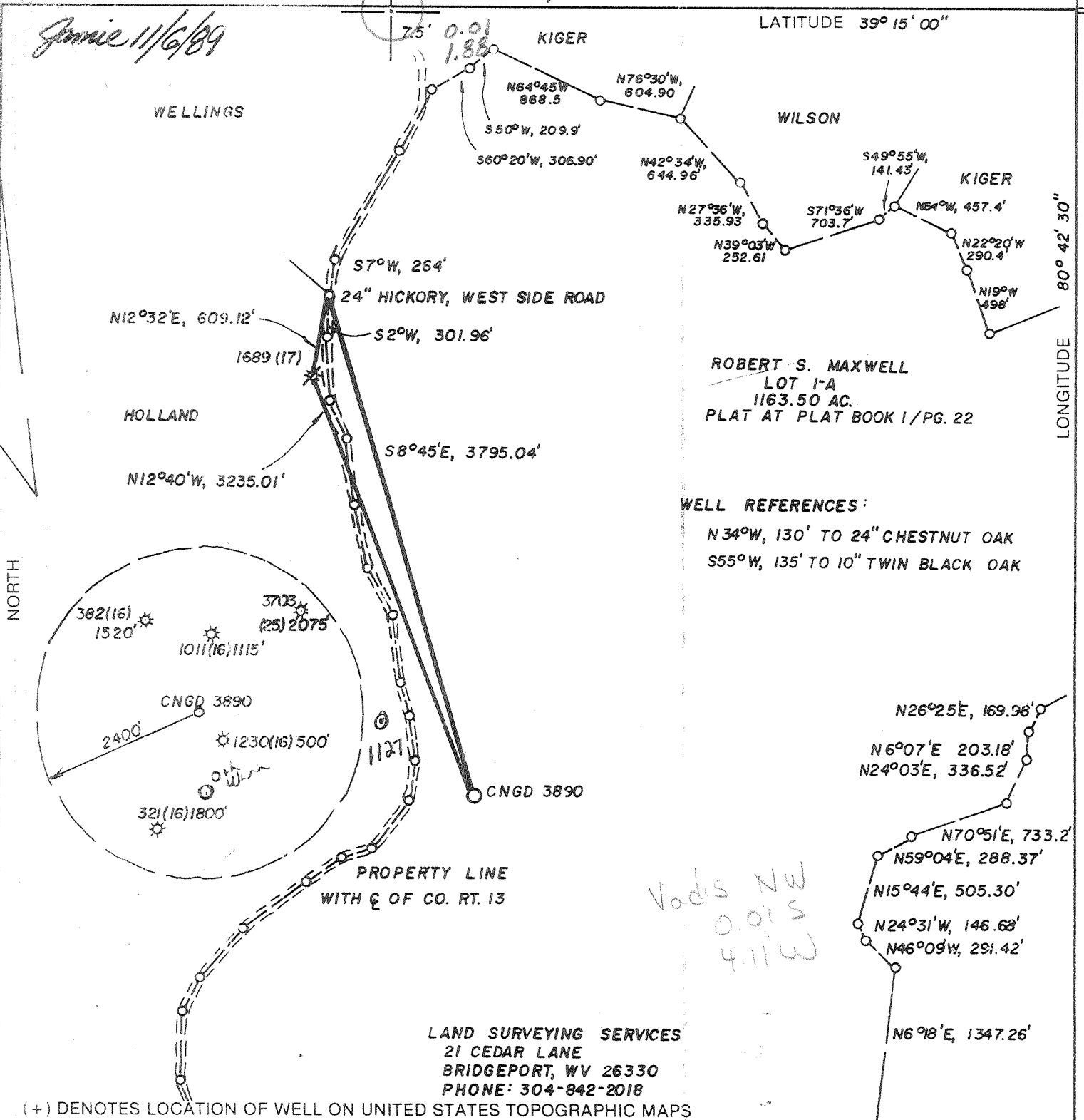
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1256' WATERSHED GEORGESCAMP RUN
 DISTRICT NEW MILTON COUNTY DODDRIDGE
 QUADRANGLE NEW MILTON 7.5
 SURFACE OWNER ROBERT S. MAXWELL ACREAGE 872.83
 OIL & GAS ROYALTY OWNER LEWIS MAXWELL MRS. LEASE ACREAGE 1600.

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 5246'-5194' Spacing 5' from existing well New formation
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5462'

WELL OPER ADDRESS CNG Producing Co. Rt. 2, Box 698 Bridgeport, wva. 26330-0698
 DESIGNATED AGENT RODNEY J. BIGGS ADDRESS RT. 2, BOX 698 BRIDGEPORT, WV 26330

COUNTY NAME **DODDRIDGE**
 PERMIT **3758**

Janie 11/6/89



ROBERT S. MAXWELL
 LOT 1-A
 1163.50 AC.
 PLAT AT PLAT BOOK 1 / PG. 22

WELL REFERENCES:
 N34°W, 130' TO 24" CHESTNUT OAK
 S55°W, 135' TO 10" TWIN BLACK OAK

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1,000
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 5215' NE OF LOC. AT ELEV. 1283'

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

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE SEPT. 25, 19 89
 OPERATOR'S WELL NO. CNGD 3890
 API WELL NO.

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

LOCATION: ELEVATION 1256' WATERSHED GEORGESCAMP RUN
 DISTRICT NEW MILTON COUNTY DODDRIDGE
 QUADRANGLE NEW MILTON 7.5 *Vadis NW*

SURFACE OWNER ROBERT S. MAXWELL ACREAGE 872.83
 OIL & GAS ROYALTY OWNER LEWIS MAXWELL HRS. LEASE ACREAGE 1600

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 5462'
 WELL OPERATOR CNG DEVELOPMENT CO. DESIGNATED AGENT RODNEY J. BIGGS
 ADDRESS ONE PARK RIDGE CENTER ADDRESS RT. 2, BOX 698
 PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330

6-6 Smithton-Flint-Sedalia (099) NOV 09 1989

FORM WV-6

COUNTY NAME PERMIT

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: MAXWELL, ROBERT S. ETUX. Operator Well No.: CNGP 3890

LOCATION: Elevation: 1,256.00 Quadrangle: NEW MILTON

District: NEW MILTON County: DODDRIDGE
Latitude: 85 Feet South of 39 Deg. 15Min. Sec.
Longitude 10025 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: CNG PRODUCING COMPANY
ROUTE 2, BOX 698
BRIDGEPORT, WV 26330-0698

Agent: RODNEY J. BIGGS

Inspector: MIKE UNDERWOOD
Permit Issued: 04/07/94
Well work Commenced: 05/19/94
Well work Completed: 06/06/94
Verbal Plugging
Permission granted on: _____
Rotary _____ Cable _____ Rig
Total Depth (feet) _____
Fresh water depths (ft) _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
No Additional Casing Ran in Well			
Re-Ran 1 1/2" Tbg.	5170.45'	5170.45'	

Salt water depths (ft) _____

Is coal being mined in area (Y/N)? _____
Coal Depths (ft): _____

OPEN FLOW DATA

Speechley 3279-3388
Gordon 2611-2632

Producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow *207 MCFD MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure 400 psig (surface pressure) after 12 Hours

* Commingle with existing production.

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.

NR
6-27-94
For: CNG PRODUCING COMPANY

By: Rodney J. Biggs, District Manager - Production
Date: 06/27/94

JUN 30 1994

Halliburton Perforated - Speechley 3279-3388, 31 holes B.P. @ 3396
Gordon, 2611-2632, 26 holes F.P. @ 2640

Nowsco Fraced

	1St. Stage	2ND. Stage
Total Fluid	538 BBLs.	477 BBLs.
Total Sand	45,000#	30,000#
Total Acid	500 Gal.	500 Gal.
Ave. Rate	29	30
Ave. Press.	1520	2050
Max. Sand	4	3
Broke Form.	2100	2560
Frac. Grad.	.68	.89

Well Was Turned Back in Line 06/06/94

WR 35
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 JAN 22 1990

06-Nov-89
 API # 47- 17-03758

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

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY
 Well Operator's Report of Well Work

Farm name: MAXWELL, ROBERT S. ETUX. Operator Well No.: **CNGD 3890**

LOCATION: Elevation: 1256.00 Quadrangle: NEW MILTON

District: NEW MILTON County: DODDRIDGE
 Latitude: 85 Feet South of 39 Deg. 15Min. 0 Sec.
 Longitude 10025 Feet West of 80 Deg. 42 Min. 30 Sec.

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

Agent: RODNEY J. BIGGS

Inspector: MIKE UNDERWOOD
 Permit Issued: 11/06/89
 Well work Commenced: 11/28/89
 Well work Completed: 12/6/89
 Verbal Plugging _____
 Permission granted on: _____
 Rotary x Cable _____ Rig _____
 Total Depth (feet) 5483
 Fresh water depths (ft) 50'
 Damp @ 228' & 400'
 Salt water depths (ft) _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4"	159	159	To Surf
8 5/8"	1641	1641	To Surf
4 1/2"	5445	5445	300 sks
1 1/2"	5170	5170	-----

Is coal being mined in area (Y/N)? N
 Coal Depths (ft): _____

OPEN FLOW DATA

Producing formation Alex. Benson Pay zone depth (ft) 5246 - 5194
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow 750 MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure 1025 psig (surface pressure) after 24 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 DEL. CORP.

By: Rod Biggs
 Date: December 29, 1989

JAN 26 1990

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JAN 22 1990

Perforated Alexander 5246 - 5250, 6 holes; 5230 - 5234, 4 holes; 5213 - 5216, 3 holes; 5194 - 5200, 8 holes; Total 21 holes, .39 HSC

Halliburton Foam Frac (70Q) Alexander - Break 2430, Avg TPSI 2928, HHP used 733, ISIP 1800, Max Sand Conc. 6#/gal, used 500 gals 15% HCL, 5000# 80/100 Sand, 99,680# 20/40 Sand and 733,000 SCFN₂.

Perforated Benson Sand 4910 - 4915, 15 holes, .39 HSC

Foam Frac (70Q) Benson - Break 2600, Avg TPSI 2940, HHP used 700, ISIP 1500, Max Sand Conc. 5#/gal, Used 500 gals 15% HCL, 5000# 80/100 Sand, 60,000# 20/40 Sand, 605,000 SCFN₂

Clay	0	3	1/2" stream water @ 50'
Sd, Sh & RR	3	1847	Damp @ 228'
L. Lime	1847	1872	Damp @ 400'
Sand	1872	1920	
B.Line & Injun	1920	2040	
Sd. & Sh.	2040	5483	

LOG TOPS

Big Lime	1900	1964
Big Injun	1964	2036
Weir	2186	2280
Berea	2396	2406
Gordon Gp.	2576	2632
Warren	3250	3300
U. Speechley	3313	3440
Benson	4908	4946
Alexander	5156	5256

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JAN 22 1990

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

017-3758
 Issued 11/06/89
 Page ___ of ___
 Expires 11/06/91

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

- 1) Well Operator: CNG DEVELOPMENT COMPANY ⁴² 10110 (6) 510
- 2) Operator's Well Number: CNGD 3890 3) Elevation: 1256
- 4) Well type: (a) Oil ___ / or Gas X /
 (b) If Gas: Production X / Underground Storage ___
 Deep ___ / Shallow X /
- 5) Proposed Target Formation(s): Alexander 439
- 6) Proposed Total Depth: 5460 feet
- 7) Approximate fresh water strata depths: 417' 154' 539'
674' 249' 492'
- 8) Approximate salt water depths: ---
- 9) Approximate coal seam depths: possible coal blossom @ 670-678'
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No X /
102 ft. Cleanif. only
- 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	Fill-up (cu. ft.)
Conductor						
Fresh Water	11 3/4	H-40	42	200	200	To surface
Coal						To surface
Intermediate	8 5/8	X-42	23	1650	1650	38CSR18-11.2.2 & 38CSR18-11.3
Production	4 1/2	J-55	10.5	5460	5460	200-400 sks 38CSR18-11.1
Tubing	1 1/2	CN-55	2.75	5300	5300	
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

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 NOV 01 1989

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

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

RECEIVED
NOV 01 1989

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

DIVISION OF OIL AND GAS 3)
DEPARTMENT OF ENERGY

Date: October 24, 1989
Operator's well number
CNGD 3890
API Well No: 47 - 017 - 3758
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 Robert S. Maxwell et ux
Address New Milton Star Route
West Union, WV 26456
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Mike Underwood
Address Route 2, Box 135
Salem, WV 26426
Telephone (304)- 782-1043

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name Robert L. Holland, Jr. Agent
Address 105 High St., P. O. Box 425
West Union, WV 26456
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

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 24 day of October, 19 89

[Signature]
My commission expires _____

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

Notary Public

1) Date: March 16, 1994
2) Operator's well number
CNGP 3890
3) API Well No: 47 - 17 - 03758 - F
State - County - Permit

Office of the **STATE OF WEST VIRGINIA**
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|--|---|
| <p>4) Surface Owner(s) to be served:
 (a) Name <u>Robert S. Maxwell et ux</u>
 Address <u>New Milton Star Route</u>
 <u>West Union, WV 26456</u>
 (b) Name _____
 Address _____
 (c) Name _____
 Address _____</p> | <p>5) (a) Coal Operator:
 Name _____
 Address _____
 (b) Coal Owner(s) with Declaration
 Name <u>Robert L. Holland Jr., Agent</u>
 Address <u>105 High St., P.O. Box 425</u>
 <u>West Union, WV 26456</u>
 Name _____
 Address _____
 (c) Coal Lessee with Declaration
 Name _____
 Address _____</p> |
| <p>6) Inspector <u>Mike Underwood</u>
 Address <u>Rt. 2, Box 135</u>
 <u>Salem, WV 26426</u>
 Telephone (304)-<u>782-1043</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
 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)
- 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 Producing Company
By: Rodney J. Biggs *RJ Biggs*
Its: Designated Agent
Address Crosswind Corporate Park, Rt. 2, Box 698
Bridgeport, WV 26330
Telephone (304) 623-8840

Subscribed and sworn before me this 16th day of March, 1994

Nancy D. Colton Notary Public
My commission expires September 26, 2003

2 2 94

017-3758-Frac

Issued 4/7/94

Expires 4/7/96 Page ___ of ___

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

Office of Oil & Gas WELL WORK PERMIT APPLICATION

- 1) Well Operator: CNG Producing Company 10110 (6) 511
- 2) Operator's Well Number: CNGP 3890 3) Elevation: 1256
- Well type: (a) Oil ___ / or Gas X /
- (b) If Gas: Production ___ / Underground Storage ___ /
Deep ___ / Shallow ___
- Proposed Target Formation(s): Gordon, Speechley 432
- Proposed Total Depth: 5443' feet *original formation Gordon 4910' - 4915'*
- Approximate fresh water strata depths: Reynolds 5246' - 5194'
- Approximate salt water depths: _____
- Approximate coal seam depths: _____
- Does land contain coal seams tributary to active mine? Yes ___ / No ___
- Proposed Well Work: Squeeze cement to cover interbals, Perforate & Frac proposed zone, clean well up, commingle with existing production

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor						
Fresh Water						
Coal						
Intermediate						
Production						
Tubing						
Liners						

Spotting casing shown on completion 4/16/94

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

01207/a

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond Sumner Blumet Agent (Type)