

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 MINES.

(SIGNED) *John S. Bailey* L.L.S. 662

FILE NO. MSES 85-647
 DRAWN BY SARC
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION BM INT. CO. RL. 11.8

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL & GAS
 NITRO, WEST VIRGINIA 25143

DATE MAY 20, 19 85
 OPERATOR'S WELL NO. 1915
 API WELL NO. 261.25
47-017-03458
 STATE COUNTY PERMIT



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS", PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1203.20 WATER SHED RIGHT FORK
 DISTRICT WEST UNION COUNTY DODDRIDGE
 QUADRANGLE OXFORD, WV 7.5' 1964 (1979)
 SURFACE OWNER ANDERSON H. II & ZOE K. WALTERS ACREAGE 261.25 ±
 OIL & GAS ROYALTY OWNER RUBY TERESA MAXWELL LEASE NO. 4783 LEASE ACREAGE 262

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PLUG AND ABANDON CHANGE IN WELL (SPECIFY) Change from Fracture to Plug and Abandon
 PLUG AND ABANDON ALEXANDER CLEAN OUT AND REPLUS Company
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5450'

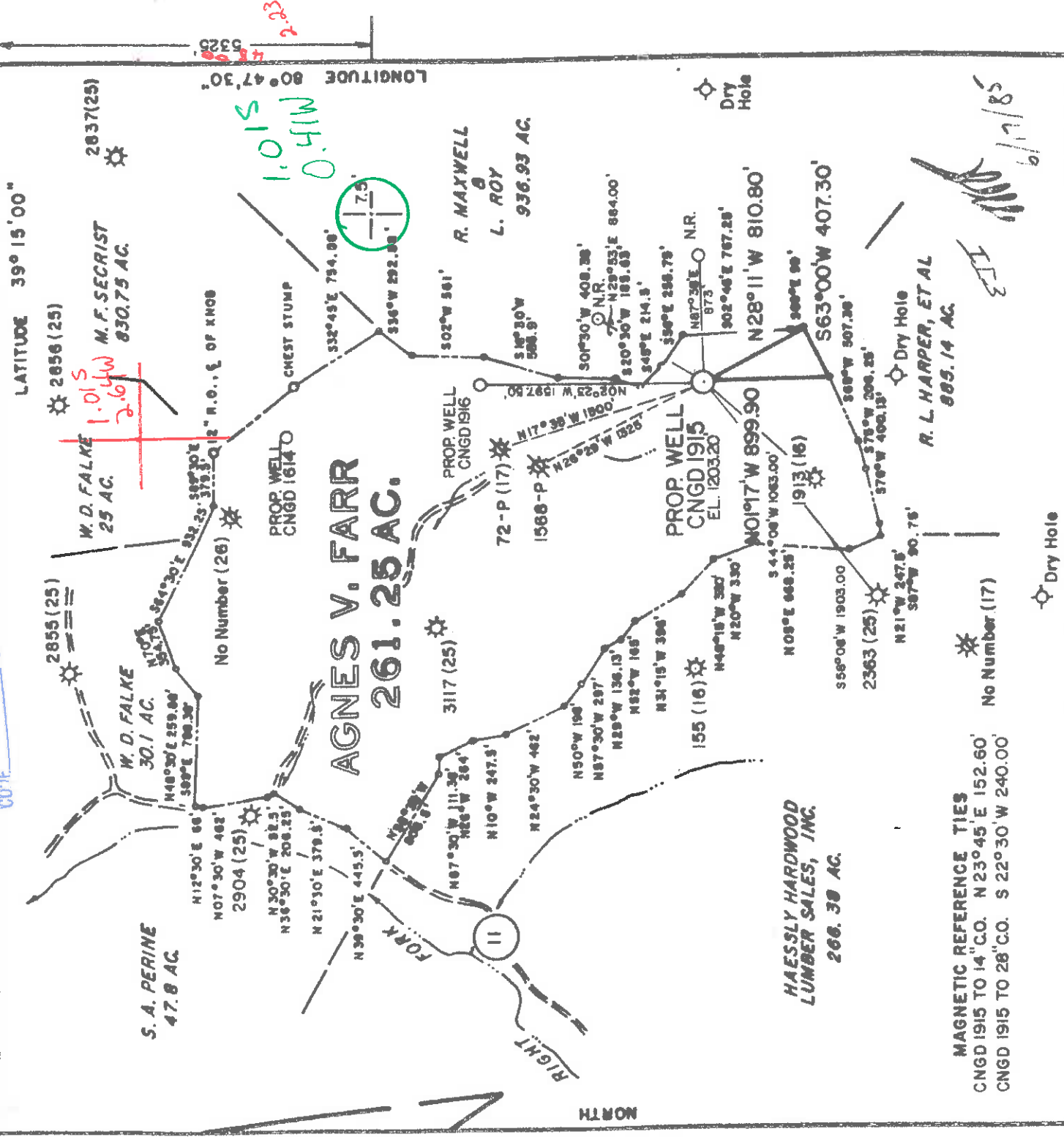
Ruby Walters
 Ruby Walters
 Company
 West Virginia

14
 CNG producing Company
 Rt. 2, Box 698, Crosswind Corp. Park
 Bridgeport, Wva. 26330
 Rodney J. Biggs
 Same Address
 PH: 3044623-8840

JUN 7 1985

202 230

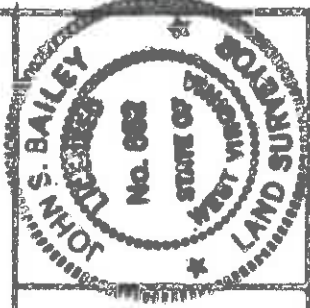
PLANT PLOT



MAGNETIC REFERENCE TIES
 CNGD 1915 TO 14" CO. N 23°45' E 152.60'
 CNGD 1915 TO 28" CO. S 22°30' W 240.00'

FILE NO. MSES 85-647
 DRAWN BY SARC
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION 811 IN T. CO. RT. 11 S. DRIVE; ELEV. 881'

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 MINES.
 (SIGNED) John V. Bailey L.L.S. 652



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-8 (8-78)



Department of Mines
 Oil & Gas Division

DATE MAY 20 19 85
 OPERATOR'S WELL NO. CNGD 1915
 API WELL NO. 47-017-3458
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS", PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1203.20 WATER SHED RIGHT FORK
 DISTRICT WEST UNION 8 COUNTY DODDRIDGE
 QUADRANGLE OXFORD, WV 7.5' 1964 (1979) 526 058 NE3 Holbrook
 SURFACE OWNER ANDERSON H. II & ZOE K. WALTERS ACREAGE 261.25 ±
 OIL & GAS ROYALTY OWNER RUBY TERESA MAXWELL LEASE NO. 4783 LEASE ACREAGE 262

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 5490'
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS
 ADDRESS 178 ONE PARK RIDGE CENTER ADDRESS RT. 2, BOX 164
 PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330
 AUG 12 1985

PREPARED BY MSES consultants in 6.6 Straight Fork - Bluestone Creek (133)

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

OCT 23 1996

Permitting
Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: WALTERS, ANDERSON H. III Operator Well No.: CNGP 1915

LOCATION: Elevation: 1,203.20 Quadrangle: OXFORD

District: WEST UNION County: DODDRIDGE
Latitude: 5325 Feet South of 39 Deg. 15Min. 0 Sec.
Longitude 2125 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: CNG PRODUCING COMPANY

ROUTE 2, BOX 698
BRIDGEPORT, WV 26330-0698

Agent: RODNEY J. BIGGS

Inspector: MIKE UNDERWOOD
Permit Issued: 06/05/96
Well work Commenced: 06/27/96
Well work Completed: 08/30/96

Verbal Plugging
Permission granted on: _____ Rig
Rotary Cable _____
Total Depth (feet) 5270'
Fresh water depths (ft) _____

Salt water depths (ft) _____

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

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
WILL NOT RE-RUN TUBING			

OPEN FLOW DATA

Maxton

Producing formation Big Injun

Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow *800 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock pressure 100# psig (surface pressure) after 12 Hours

* Commingle with existing production

Second producing formation

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: CNG PRODUCING COMPANY

Rodney J. Biggs

By: Rodney J. Biggs - Production Manager, Appalachian Region

Date: 09/18/96

OCT 25 1996

MC

CNGP 1915 WORKOVER

6/27/96 - Pulled 150 Jts. 1.5" Tbg.

7/10/96 - Young Wireline Perforated

Nowco Fraced

Formation	Maxton	Big Injun
Perfs	1662-1638	1948-1992
Tot. Acid	500	1000
Bk/dn Press.	2750	2200
Tot. Sand	50000(80/100)	5000 (80/100)
Avg. Rate	25000 (20/40)	20000 (20/40)
Avg. Press.	16	26.5
	2475	1950

8/30/96 - F.O.F. = 800 MCFD

8/30/96 - T.B.I.L.



RECEIVED
OCT 10 1986

Date October 6, 1986
Operator's Well No. 1915
Farm Maxwell
API No. 47-017-3458

State of West Virginia
Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT
OF
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY
FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal /
(If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1203 Watershed Right Fork
District: West Union County Doddridge Quadrangle Oxford

COMPANY CNG Development Company
ADDRESS P.O. Box 15746
Pittsburgh, PA 15244
DESIGNATED AGENT Gary A. Nicholas
ADDRESS Rt. 2 Box 698
Bridgeport, WV 26330
SURFACE OWNER Anderson H. II & Zoe K. Walters
ADDRESS 4837 Hawkwood Trail
Winston-Salem, NC 27103
MINERAL RIGHTS OWNER Ruby Teresa Maxwell
ADDRESS Rt. 1 Arnold Creek
West Union, WV 26457

OIL AND GAS INSPECTOR FOR THIS WORK
Mike Underwood ADDRESS Salem, WV 26426

PERMIT ISSUED August 6, 1985
DRILLING COMMENCED Aug. 25, 1986
DRILLING COMPLETED Sept. 4, 1986

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing Tubing Size	Used in Drilling in Well	Left in Well	Cement fill up Cu. ft.
20-16 Cond.			
13-10"	158	158	To Surf.
9 5/8			
8 5/8	1561	1561	To Surf.
7			
5 1/2			
4 1/2	5374	5374	560 sks
3			
2 1-1/2	5018	5018	-----
Liners used			

GEOLOGICAL TARGET FORMATION Alexander Depth 5450 feet
Depth of completed well 5467 feet Rotary / Cable Tools
Water strata depth: Fresh 425 feet; Salt 50 feet
Coal seam depths: -0- Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Alexander Pay zone depth 5139-93 feet
Penion 4987-16
Speckley 3258-3386

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow 504 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests 4 hours
Static rock pressure 100 psig (surface measurement) after 1 hours shut in

(If applicable due to multiple completion--)

Second producing formation Pay zone depth feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

OCT 20 1986

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perforated Alexander 5139-92, 44 holes, .39; Benson 4867-72, 10 holes, Riley 4707-10, 8 holes, .39; Speckley 9258-3386, 24 holes, .39"
 Foam Frac Alexander - Break 2100, Break Rate 26.5, Ave Tr Pr. 3300, Max Tr pr. 3450, 80/100 Sand 9,000#, 20/40 Sand 135,000#, Max Conc. 7, SL Fluid 831, Total Fluid 1312, ISIP prejob, water 900, BHTP 3598, ISIP postjob w/water 1350, N₂SCF 932,000, Ave Rate(foam) 25 Benson & Riley - Break 1500, Break Rate 30, Ave Tr Pr 3400, Max Tr Pr 3600, 80/100 Sand 9,000 20/40 Sand 108,000#, Max Conc. 6, SL Fluid 716, Total Fluid 1113, ISIP prejob, w/water 1050, BHTP 3160, ISIP postjob w/water 1800, N₂SCF 781,000, Ave Rate (foam) 22. Speckley - Break 1750, Break Rate 30, Avg Tr Pres. 3300, Max Tr Pr 3500, 80/100 Sand 8,000#, 20/40 Sand 80,000#, Max Conc. 6, SL Fluid 558, Total Fluid 871, ISIP prejob w/water 1050, BHTP 2516, ISIP postjob w/water 1250, N₂SCF 511,000, Ave Rate (foam) 30.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Clay, Shale, Sand, RR			0	1860	Including indication of all fresh and salt water, coal, oil and gas. 1/4" stream water @ 50' Damp @ 425' Damp @ 525'
Big Lime & Injun Sand, Shale & RR			1860	2013	
Benson Sand & Shale			2013	4882	
Alexander			4882	4894	
Shale			4894	5123	
			5123	5220	
			5220	5467	
			1773	1784	
Little Lime			1860	1947	
Big Lime			1947	2005	
Big Injun			2005	2005	
Greenbrier Unconf			2160	2272	
Weir			2360	2370	
Berea/Gantz			2592	2605	
Gordon			3252	3320	
Warren			3990	4030	
Speechley			4320	4644	
Balltown			4700	4720	
Bradford			4865	4917	
Riley			5070	5116	
Benson			5116	5204	
Leopold					
Alexander					

LOG TOPS ✓

(Attach separate sheets as necessary)

CNG DEVELOPMENT COMPANY
 Well Operator _____
 By: [Signature]
 Date: October 6, 1986

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including lithology, encountered in the drilling of a well."



1) Date: _____ 19__
 2) Operator's Well No. 1915
 3) API Well No. 47 State -017-3458 County Permit

JUL 17 1985

STATE OF WEST VIRGINIA
 DEPARTMENT OF ~~MINE~~ OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

4) WELL TYPE: Oil Gas
 B (If "Gas", Production 1203)
 5) LOCATION: Elevation: West Union District: Doddridge Undergroud storage Right Fork Deep Shallow
 6) WELL OPERATOR CNG Development Company (42) County: Oxford Quadrangle: 7.5
 Address c/o Paul W. Garrett, P.O. Box 15746 Address Grosswind Corporate Park
Pittsburgh, PA 15244 10110 Rt. 2, Box 698, Bridgeport, WV 26330
 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Mike Underwood
 Address Route 2, Box 114 Name Sam Jack Drilling Co.
Salem, WV 26426 Address P.O. Box 48
Buckhannon, WV 26201

10) PROPOSED WELL WORK: Drill / deeper / Drill deeper / Perforate new formation / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Alexander (42)
 12) Estimated depth of completed well, 5450 feet
 13) Approximate trata depths: Fresh, 100 feet; salt, _____ feet.
 14) Approximate coal seam depths: 580-583 Is coal being mined in the area? Yes No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	For drilling	Left in well		
Conductor							
Fresh water	11-3/4	H-40	42	X	160	160	Kind: <u>To Surface</u> By Rule 15.05
Coal							
Intermediate	8-5/8	X-42	23	X	1550	1550	Kind: <u>To Surface</u> By Rule 15.05
Production	4-1/2	J-55	10.5	X	5450	5450	Kind: <u>200-400</u> Depths set
Tubing	1-1/2	CN-55	2.75	X			Kind: <u>By Rule 15.01</u> Perforations:
Liners							Top _____ Bottom _____

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-017-3458 Date August 6 19 85

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

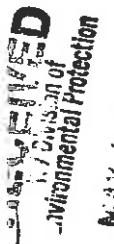
The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.
 Permit expires August 6, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>AR.D</u>	Plat: <u>MW</u>	Casing Fee
			<u>9378</u>

[Signature]
 Administrator, Office of Oil and Gas
 DIRECTOR DIVISION

NOTE: Keep one copy of this permit posted at the drilling location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator. File



Issued 06/05/96
Expired 06/05/98

Page 526 of 526

Permitting STATE OF WEST VIRGINIA
Office of ~~Oil & Gas~~ ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

FORM WW-2B

Well Operator: CNG Producing Company

10110 8 526

Operator's Well Number: CNGP 1915W

3) Elevation: 1203.20'

Well type: (a) Oil / or Gas X

(b) If Gas: Production X Underground Storage /
Deep / Shallow /

5) Proposed Target Formation(s): Injun, Maxton

6) Proposed Total Depth: 1636'-1654' ^{1948'-1994'} 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: Squeeze cement to cover intervals. Perf and Frac proposed intervals.

12) Temporary Perf Fracs OK. MikhU

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	13-10"			158	158	To Surface
Fresh Water						
Coal						
Intermediate	8 5/8"			1561'	1561'	To Surface
Production	4 1/2"			5374'	5374'	560 sks.
Tubing	1 1/2"			5018'	5018'	---
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

5/19/98
Fee(s) paid: 100 For Division of Oil and Gas Use Only
Plat 100 WW-2B 100 Bond 100 Reclamation Fund 100 WPCP Agent 100
(Type) _____

RECEIVED
WV Division of
Environmental Protection
MAY 2 1996

1) Date: 5-16-96
2) Operator's well number CNEP 1915W
3) API Well No: 47 - 017 - 3458W
State County Permit

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENTAL PROTECTION
DIVISION OF OFFICES OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

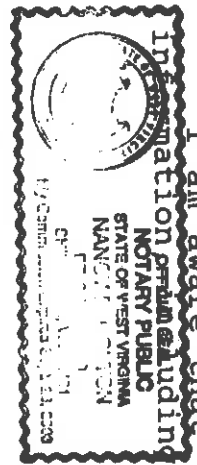
4) Surface Owner(s) to be served:
(a) Name Anderson H. Walters, III &
Address Zoe Kathryn Walters
4837 Hawkwood Trail, Winston-Salem, NC 27103
(b) Name _____
Address _____
(c) Name _____
Address _____
Inspector Mike Underwood
Address _____
Telephone (304) - 288-1604
(304) - 782-1043

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name Ruby Farr Maxwell
Address c/o Mary Agnes Wallace
Arnold Creek, Rt. 1, West Union, WV 26456
Name Mary Agnes Wallace
Address Arnold Creek, Rt. 1,
West Union, WV 26456
(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 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)
I certify that as required under Chapter 22 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 22-6 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
Its: Designated Agent - Production Manager, Appalachian Region
Address Rt. 2, Box 698, Crosswind Corp. Park
Bridgeport, WV 26330

Subscribed and sworn before me this 16th day of May, 1996
Telephone (304) 623-8840
My commission expires 09-26-2003
Nancy D. Colton Notary Public

nc