

Final 11/19/97

LATITUDE 39° 42' 30"

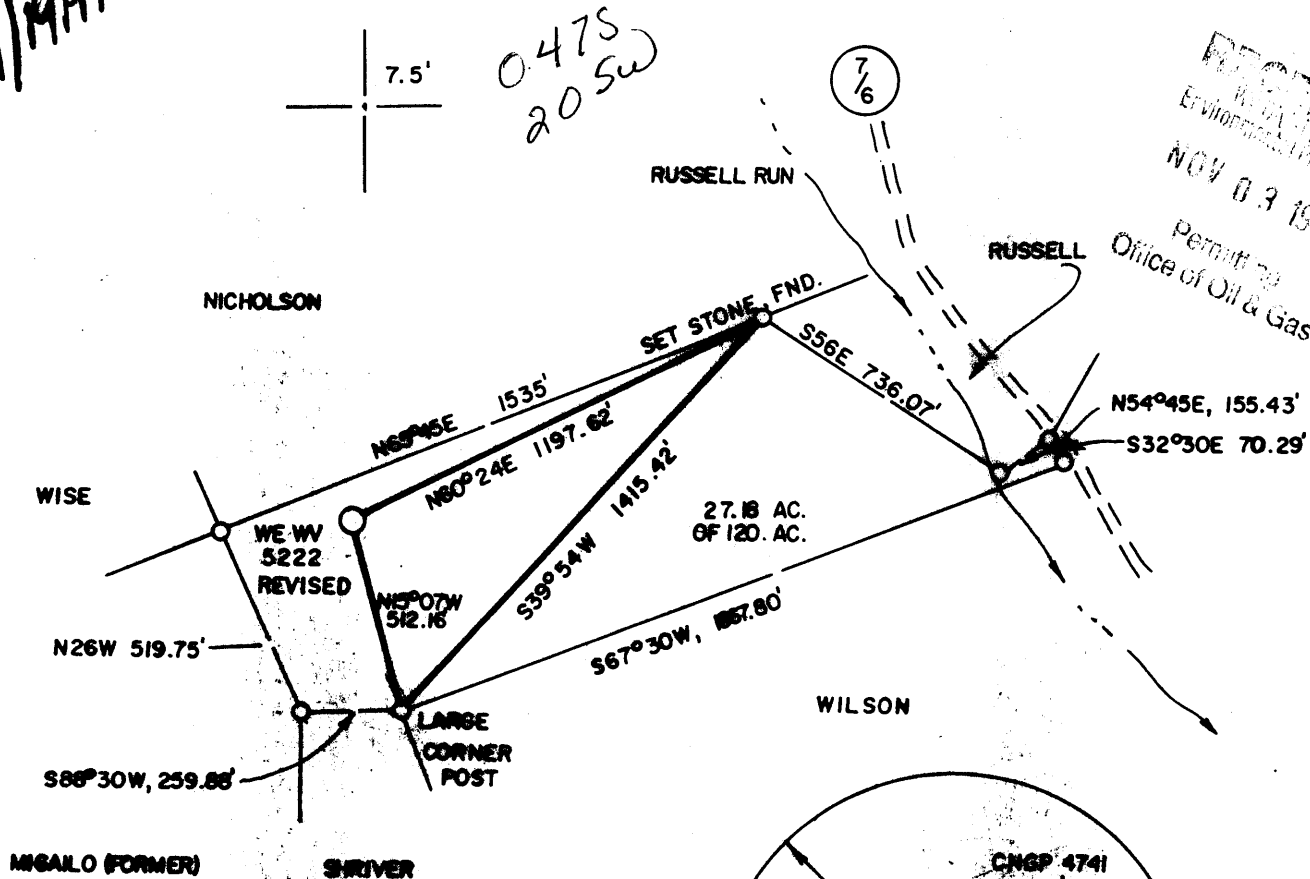
10,900'

2485'

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LONGITUDE 80° 17' 30"

NORTH



WELL REFERENCES:

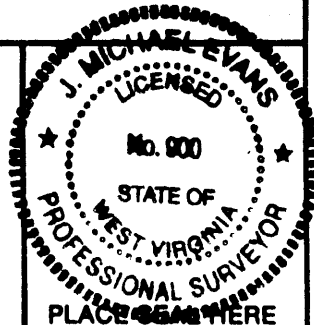
- S13W, 111' TO 5" RED MAPLE
- N6W, 105' TO R FENCE POST

OK to permit

(+) 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 TBM 5179' SE of loc. at elev. 1004.38'

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) J. Michael Evans
 R.P.E. _____ L.L.S. 900



WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WEST VIRGINIA 25143-2506



DATE October 14, 19 97
 OPERATOR'S WELL NO. WE WV 5222
 API WELL NO. 47-061-01289
 STATE WV COUNTY Monongalia PERMIT REVISED

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1454' WATERSHED Russell Run
 DISTRICT Battelle COUNTY Monongalia
 QUADRANGLE Wadestown 7.5'
 SURFACE OWNER Dewey Russell ACREAGE 27.175
 OIL & GAS ROYALTY OWNER Luvana Russell LEASE ACREAGE 120.
 LEASE NO. _____
 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 Bayard ESTIMATED DEPTH 3850'
 WELL OPERATOR CNG Producing Company DESIGNATED AGENT Rodney J. Biggs
 ADDRESS Rt. 2, Box 698 ADDRESS Rt. 2, Box 698
Bridgeport, WV 26330 6651 Bridgeport, WV 26330

FORM WV-6

COUNTY NAME
 PERMIT

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NOV 01 1999

VA Division of

29-Jul-99
API # 47- 61-01289 W

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

Reviewed _____

Farm name: WILSON, MABEL & HOSTUTLER, BR Operator Well No.: WV 05222

LOCATION: Elevation: 1,454.00 Quadrangle: WADESTOWN

District: BATTELLE County: MONONGALIA
Latitude: 2485 Feet South of 39 Deg. 42Min. 30 Sec.
Longitude 10900 Feet West of 80 Deg. 17 Min. 30 Sec.

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

Agent: RODNEY J. BIGGS

Inspector: RANDAL MICK
Permit Issued: 07/29/99
Well work Commenced: 09/25/99
Well work Completed: 10/05/99
Verbal Plugging
Permission granted on: _____
Rotary Cable Rig
Total Depth (feet) _____
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.

OPEN FLOW DATA

Producing formation Injun Pay zone depth (ft) 2524-2546' (20)
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
* Final open flow 133 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 650 psig (surface pressure) after 12 Hours
* Commingled 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.

For: CNG PRODUCING COMPANY
By: Rodney J Biggs, Prod. Manager, Appalachian Region
Date: _____

Rodney J Biggs

DJ

MONO 1289 W

NOV 8 1999

WEVV05222

09/25/99 PERFORATED AND FRACED AS FOLLOWS:
INJUN, 2524 - 2546', 20 HOLES, 0.39 HSC., B.D. 3900#, AVG RATE 18 BPM,
AVG PRESS 2600#, TOT SAND 35,000#,
10/02/99 DRILLED OUT BRIDGE PLUG.
10/05/99 T.I.L

F.O.F. = 133 MCFD

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

Permitting
Office of Oil & Gas Well Operator's Report of Well Work

Farm name: WILSON, MABEL G., ETAL Operator Well No.: WEWV-5222

LOCATION: Elevation: 1,454.00 Quadrangle: WADESTOWN

District: BATTELLE County: MONONGALIA
Latitude: 2485 Feet South of 39 Deg. 42Min. 30 Sec.
Longitude 10900 Feet West of 80 Deg. 17 Min. 30 Sec.

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

Agent: RODNEY J. BIGGS

Inspector: RANDAL MICK
Permit Issued: 11/19/97
Well work Commenced: 12/15/97
Well work Completed: 01/15/98
Verbal Plugging
Permission granted on: _____
Rotary _____ Cable _____ Rig _____
Total Depth (feet) 2980'
Fresh water depths (ft) _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4"	133'	133'	63 SKS
8 5/8"	1289'	1289'	325 SKS
4 1/2"	3722'	3722'	275 SKS

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

OPEN FLOW DATA

*Bayard/Lower 5th
5th Sand*

*(15 holes) 3554-3655'
(24 holes) 3282-3530'
(16 holes) 3183-3262'*

Producing formation 30 Ft. Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 84 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 700 psig (surface pressure) after 12 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.

Rod Biggs
For: CNG PRODUCING COMPANY

By: Rodney J. Biggs, Production Manager, Appalachian Region
Date: 02-07-98

FEB 20 1998

CNGP WEWV05222

12/15/97 - Spud Well.

12/20/97- T.D. 7 7/8" hole at 3330'.

12/30/97 - Key Energy perforated and BJ fraced as follows:

Bayard/Lower 5th, 3282-3530', 15 holes, 30,000# sand in 416 bbls

5th, 3282-3530', 24 holes, 30,000# sand in 464 bbls

30 Ft., 3183-3262', 15 holes, 26,000# sand in 417 bbls.

1/15/98 - F.O.F. = 84 Mcf/d - 700#

1/15/98 - T.I.L.

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

061 1289

- 1) Well Operator: ¹⁴⁶ CNG Producing Company 10110 (1) 652
- Operator's Well Number: WEWV05222 3) Elevation: 1454'
- Well type: (a) Oil___/ or Gas x/ *Issued 11/19/97*
Approved 11/19/97
- (b) If Gas: Production x/ Underground Storage ___
 Deep___/ Shallow x
- Proposed Target Formation(s): ⁴²³ Bayard
- Proposed Total Depth: 3800 feet
- 7) Approximate fresh water strata depths: 40'
- 8) Approximate salt water depths: 2000'
- 9) Approximate coal seam depths: Pittsburgh Coal mined out at 1220'
- 10) Does land contain coal seams tributary to active mine? Yes x / No ___/
- 11) Proposed Well Work: Drill and complete 3800' well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor	11 3/4	H-40	32		120	Surface
Fresh Water						380 CSR/101.3
Coal	8 5/8	X-42	23		1250'	Surface
Intermediate						380 CSR/101.2.2
Production	4 1/2	J-55	10.5		3800'	400 sks
Tubing						380 CSR/101.1
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Office of Oil and Gas Use Only

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

Plat WW-9 WW-2B Bond _____ Agent _____
 (Type)

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 Permitting
 Office of Oil & Gas

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1) Date: _____
2) Operator's well number WEWV05222
3) API Well No: 47 - 061 - 1289
State County Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served: 5) (a) Coal Operator:
- (a) Name Mabel G. Wilson 1/2 Name _____
Address HC 67, Box 66 Address _____
Wadestown, WV 26589
- (b) Name Bonnie R. Hostutler 1/2 (b) Coal Owner(s) with Declaration
Address HC 67, Box 24 Name Eastern Associated Coal
Hundred, WV 26575 Address 800 Laidley Tower
Charleston, WV 25324
- (c) Name _____ Name _____
Address _____ Address _____
- 6) Inspector Randal Mick (c) Coal Lessee with Declaration
Address 111 Blackshere Dr. Name _____
Mannington, WV 26582 Address _____
Telephone (304)-288-4600

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WV Division of
Environmental Protection
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Permitting
Office of Oil & Gas

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 *[Signature]*
Its: Designated Agent - Production Manager, Appalachian Region
Address Rt. 2, Box: 698
Bridgeport, WV 26330
Telephone (304) 623-8840

Subscribed and sworn before me this 30th day of October, 1997

Nancy D. Cotton Notary Public
My commission expires 9/26/2003