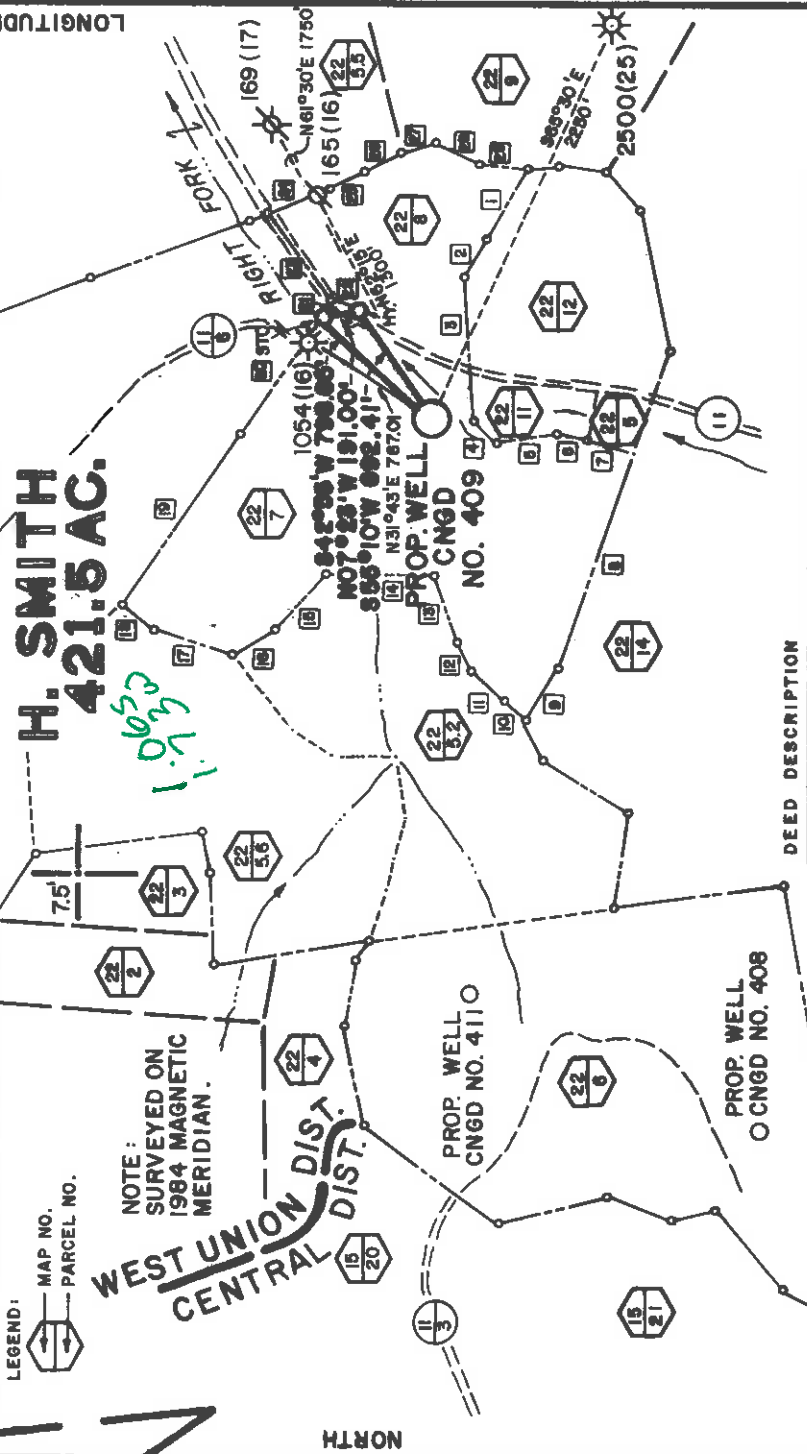


9,000' LATITUDE 39°15'00" LONGITUDE 80°47'30" 5,650'

MAP/PARCEL	SURFACE OWNER	AC.
15	GLENN C. CUNNINGHAM, ET UX	65
16	"	82.89
17	DAVID ELLIOT, JR.	64
18	ELWIN LEGGETT	165 AC. 14 P.
19	DAVID ELLIOT, JR.	25
20	SHIRLEY O. COUCH	51.2
21	LARRY DOTSON	20.3
22	"	4.9
23	"	15.25
24	WALTER F. & CHRISTINE SIAS	5.68
25	RONNIE McELROY SR., ET UX	130
26	DANNY E. O'REAR, ET AL	47
27	WALTER F. & CHRISTINE SIAS	49.2
28	JOHN E. WAGNER III, ET UX	22
29	DANNY E. O'REAR, ET AL	47
30	FRED WOODS, ET UX	65
31	CLETUS RAY & CHARLOTTE RIGNEY	18.5
32	CARSON E. LEGGETT	59.9
33	DILLON ESTATE	5
34	JERRY & MAMIE ALLMAN	25
35	HAESSLY HARDWOOD LUMBER	486
36	CORNELIUS U. ELLIOT	84

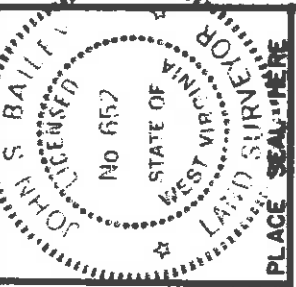


DEED DESCRIPTION

- 1 N61°W 412'
- 2 N56°30'W 276'
- 3 N45°30'W 730'
- 4 S43°W 177'
- 5 S07°30'E 315'
- 6 S10°30'W 158'
- 7 S18°W 238'
- 8 N71°W 1190'
- 9 N59°E 305'
- 10 N43°E 148'
- 11 N39°E 238'
- 12 N59°30'E 161'
- 13 N68°30'E 368'
- 14 N01°30'W 578'
- 15 N51°30'W 413'
- 16 N34°48'W 230'
- 17 N14°30'E 436'
- 18 N37°E 207'
- 19 S59°30'E 1089'
- 20 S55°30'E 760'
- 21 S07°23'W 191.00'
- 22 N23°15'E 172'
- 23 N53°15'E 541'
- 24 S21°E 310'
- 25 S31°E 213'
- 26 S33°30'E 305'
- 27 S17°E 203'
- 28 S27°W 258'
- 29 S06°30'W 294'

1.065
3960

PREPARED BY MSES CONSULTANTS.



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*
R. P. E. L.L.S. 652

FILE NO. MSES-84-289
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1/16" IN 200
PROVEN SOURCE OF ELEVATION INT. OF RT. 11 & 11/6 ELEV. 922



DATE JANUARY 18 19 84
OPERATOR'S WELL NO. CNGD NO. 409
API WELL NO. 47-017 - 3293-U
STATE COUNTY PERMIT

Department of Mines
Oil & Gas Division

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS", PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 911.40' WATER SHED RIGHT FORK
DISTRICT WEST UNION COUNTY DODDRIDGE
QUADRANGLE OXFORD 7.5' 1964 (PHOTOINSPECTED 1976) *Hellbrook NE*
SURFACE OWNER FRED WOODS, ET UX ACREAGE 65
OIL & GAS ROYALTY OWNER UNION NATIONAL BANK, ET AL LEASE NO. 3390 LEASE ACREAGE 450 AC (421.5 Per Abstract)

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 ESTIMATED DEPTH 5600'
TARGET FORMATION ALEXANDER 146 ESIGNATED AGENT Rodney J. Biggs
CNG Producing Company Same Address
Rt.2, Box 698, Crosswind Crp. Park Bridgeport, W.Va. 26333-0698 Ph: 304-623-8840

SEP 17 1994

0000 3293

Plot of Card - CSD

9,000'

LATITUDE 39° 15' 00"

LONGITUDE 80° 47' 30"

MAP/PARCEL	SURFACE OWNER	AC.
15	GLENN C. CUNNINGHAM, ET UX	65
20	"	62.59
21	"	64
13	DAVID ELLIOT, JR.	165 AC. 14 P
17	ELWIN LEGGETT	25
19	DAVID ELLIOT, JR.	51.2
19	SHIRLEY O. COUCH	20.5
2	LARRY DOTSON	4.9
3	"	15.25
4	"	5.68
5	WALTER F. & CHRISTINE SIAS	130
5.1	DANNY E. O'REAR, ET UX	47
5.2	WALTER F. & CHRISTINE SIAS	49.2
22	JOHN E. WAGNER, ET UX	22
5.4	DANNY E. O'REAR, ET UX	47
5.6	FRED WOODS, ET UX	65
7	CLETUS RAY & CHARLOTTE RIGNEY	18.5
22	8	59.9
22	9	5
22	11	25
22	12	485
22	14	84
22	6	

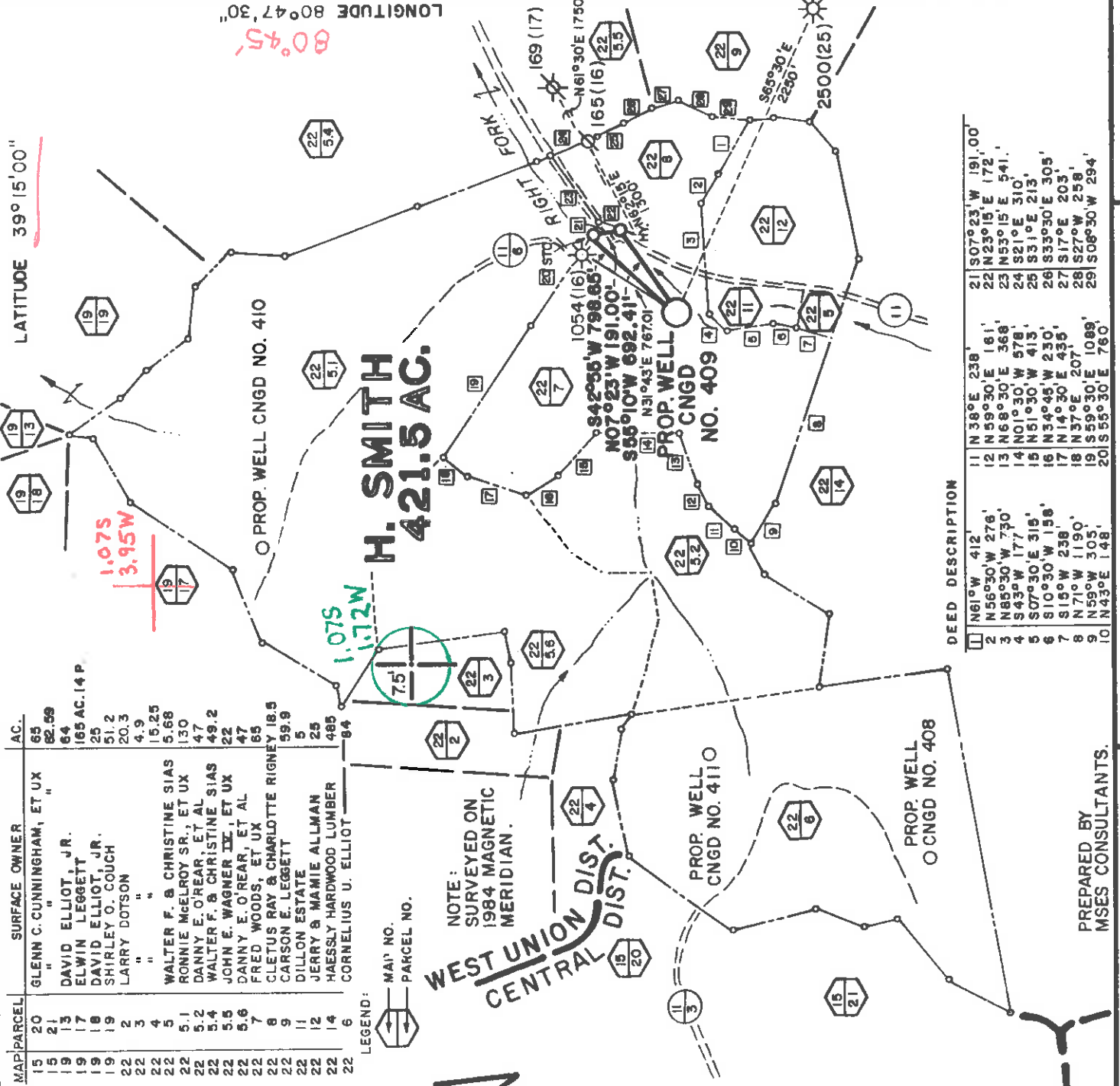
LEGEND:

MAI' NO. PARCEL NO.

NOTE:
SURVEYED ON
1984 MAGNETIC
MERIDIAN.

WEST UNION DIST.
CENTRAL DIST.

NORTH



DEED DESCRIPTION

1	N61°0'W 412'	11	N 38°E 238'	21	S07°23'W 191.00'
2	N56°30'W 276'	12	N 59°30'E 161'	22	N23°15'E 172'
3	N85°30'W 750'	13	N 68°30'E 368'	23	N53°15'E 541'
4	S43°5'W 177'	14	N01°30'W 578'	24	S21°E 310'
5	S07°30'E 315'	15	N51°30'W 413'	25	S31°E 213'
6	S10°30'W 158'	16	N34°45'W 250'	26	S33°30'E 305'
7	S15°W 238'	17	N14°30'E 435'	27	S17°E 203'
8	N71°W 1190'	18	N37°E 207'	28	S27°W 258'
9	N59°W 305'	19	S15°50'E 1089'	29	S06°30'W 294'
10	N43°E 148'	20	S55°30'E 760'		

PREPARED BY
MSES CONSULTANTS.

FILE NO. MSES-84-289

DRAWING NO. _____

SCALE 1" = 1000'

MINIMUM DEGREE OF
ACCURACY 1 IN 200

PROVEN SOURCE OF
ELEVATION INT. OF RT. 11 & 11/6
ELEV. 922

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) *R. S. Bailey*
R. P. E. _____ L. L. S. 652

PLACE SEAL HERE



Department of Mines
Oil & Gas Division

DATE JANUARY 18 19 84
OPERATORS WELL NO. CNGD NO. 409
API WELL NO.

47 - 017 - 3293
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 911.40' WATER SHED RIGHT FORK _____
DISTRICT WEST UNION 3 S 16 COUNTY DODDRIDGE

QUADRANGLE OXFORD 7.5 1964 (PHOTOINSPECTED 1976) **Nolbrook 15' NE**
SURFACE OWNER FRED WOODS, ET UX ACREAGE 65
OIL & GAS ROYALTY OWNER UNION NATIONAL BANK, ET AL LEASE ACREAGE 450 AC
(421.5 Per Abstract)

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 _____
FORMATION ALEXANDER 146 ESTIMATED DEPTH 5600'

WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS
ADDRESS ONE PARK RIDGE CENTER ADDRESS CROSSWIND CORPORATE PARK
PITTSBURGH, PA 15224 ROUTE 2, BOX 698

ALLEN BLUEPRINT Co. 6-6 Straight Fork - Bluffs Creek (133) Charleston, WV

11/12/12

11/12/12

RECEIVED
WV Division of
Environmental Protection

AUG 29 1994

FORM WW-2B

017-3293 W
Issued 9/14/94

Page of

Expires 9/14/96

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

1) Well Operator: 146 CNG Producing Company 10110 (8) 526

Operator's Well Number: CNGP 409W

3) Elevation: 911.40'

19677

Well type: (a) Oil / or Gas /

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

Proposed Target Formation(s): Injun 27

Proposed Total Depth: 1742-1819 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: Perf and frac proposed intervals. Clean well up. Commingle with existing production.

12)

CASING AND TUBING PROGRAM

TYPE	SIZE	GRADE	WEIGHT PER FT.	FOOTAGE INTERVALS	CEMENT
Conductor	11-3/4"		76	76' To surface	0
Fresh Water					
Coal					
Intermediate	8 5/8"		1124'	1124'	To surface
Production	4 1/2"		5151'	5151'	680 sks.
Tubing					
Liners					

PACKERS : Kind _____

Sizes _____

Depths set _____

For Division of Oil and Gas Use Only

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

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

RECEIVED
West Virginia
Environmental Protection
August 23 1994

1) Date: 8/25/94
2) Operator's well number
ONGP 4094
3) API Well No: 47 - 017 - 3293 -W
State - County - Permit

Permitting
Office of Oil & Gas
STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
- | | | | | |
|-----------|-----------------------------|------------------------------------|-------|-------------|
| (a) Name | <u>Fred and Helen Woods</u> | 5) (a) Coal Operator: | Name | _____ |
| Address | <u>153 Locust St.</u> | Address | _____ | |
| | <u>Huntington, WV 25705</u> | (b) Coal Owner(s) with Declaration | Name | <u>None</u> |
| (b) Name | _____ | Address | _____ | |
| Address | _____ | Name | _____ | |
| (c) Name | _____ | Address | _____ | |
| Address | _____ | (c) Coal Lessee with Declaration | Name | _____ |
| Inspector | <u>Mike Underwood</u> | Address | _____ | |
| Address | <u>Rt. 2, Box 135</u> | | | |
| | <u>Salem, WV 26426</u> | | | |
| Telephone | <u>(304) - 782-1043</u> | | | |

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 ONG Producing Company
 By: Rodney J. Blais
 Its: Designated Agent - Production Manager, Appalachia Region
 Address Rt. 2, Box 698, Crosswield Corp. Park
Bridgport, WV 26330

Telephone (304) 623-8840

Subscribed and sworn before me this 25th day of August, 1994

Nancy D. Colton Notary Public
My commission expires 09-26-2003





IV-35
(Rev 8-81)

RECEIVED
MAY 24 1984

State of West Virginia

Department of Mines
Oil and Gas Division

OIL & GAS DIVISION

DEPT. OF MINES

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

Date May 4, 1984
Operator's Well No. CNGD 409
Farm H. Smith
API No. 47 - 017 - 3293

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



LOCATION: Elevation: 911 District: West Union County: Doddridge Quadrangle: Oxford 7.5

COMPANY Consolidated Natural Gas Development
One Park Ridge Center
ADDRESS Pittsburgh, PA 15224

DESIGNATED AGENT Gary A. Nicholas
Crosswind Corporate Park
ADDRESS Rt. 2, Box 698, Bridgeport, WV 26330

SURFACE OWNER Fred Woods et ux
ADDRESS 114 Allen Ave., Bridgeport, WV 26330

MINERAL RIGHTS OWNER Union National Bank
ADDRESS P O Box 442, Clarkshurg, WV 26301

OIL AND GAS INSPECTOR FOR THIS WORK
Rt. 2, Box 114
ADDRESS Salem, WV 26426

H M Underwood
PERMIT ISSUED 03/26/84

DRILLING COMMENCED 04/09/84

DRILLING COMPLETED 04/16/84

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

Casing Tubing	Used in Drilling in Well	Left in Well	Cement fill up Cu. ft.
Size 20-16	21'	0	0
Cond. 11-3/4	76'	76'	0
9 5/8			
8 5/8	1124'	1124'	To Surf
7			
5 1/2			
4 1/2	5151'	5151'	680 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Alexander Depth 5600 feet

Depth of completed well 5215 feet Rotary / Cable Tools
35', 70', 160', 250', 1305'

Water strata depth: Fresh feet; Salt feet
Coal seam depths: ----- Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Alexander Pay zone depth 4950-4985 feet

Gas: Initial open flow --- Mcf/d Oil: Initial open flow --- Bbl/d
Final open flow 2.768 Mcf/d Final open flow --- Bbl/d

Time of open flow between initial and final tests ----- hours
Static rock pressure 1550 psig (surface measurement) after 4 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
----- hours flow between initial and final tests ----- hours



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

Perforations: 4950-4985; 10 holes; Fractured with 70,000# sand; 894 Bbl. Foam; 500 gal 15% Sand.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Clay			0	3	
RR, Sd & Sh			3	1660	35' - 3" stream water
Big Lime			1660	1735	70' - 2" "
Injun Sand			1735	1825	160' - 1/2" "
Sd & Sh			1825	3820	1305' - 1/2" stream water
Balltown			3820	3870	
Sd & Sh			3870	4210	
Bradford			4210	4260	
Shale			4260	4520	
Riley Sd			4520	4540	
Sd & Sh			4540	4690	
Benson Sd			4690	4700	
Sd & Sh			4700	5215	max @ 7D
LOG TOPS					
Big Injun			1735	1823	
Weir			1969	2100	
Gantz			2178	2183	
Gordon Stray/Gordon			2384	2539	
4th			2548	2584	
Warren			3033	3097	
Upper Speechley			3156	3221	
Speechley			3428	3570	
Balltown			3796	4040	
Bradford			4230	4289	
Riley			4493	4630	
Benson			4670	4675	
Leopold			4862	4882	
Alexander			4915	5000	

(Attach separate sheets as necessary)

Consolidated Natural Gas Development Company
 Well Operator
 By: [Signature]
 Date: May 4, 1984

RECEIVED
WV Division of
Environmental Protection

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

MAY 19 1995

Permitting
Office of Oil & Gas
Farm name: WOODS, FRED & HELEN Operator Well No.: CNGP 409
Well Operator's Report of Well Work

LOCATION: Elevation: 911.40 Quadrangle: OXFORD
District: WEST UNION County: DODDRIDGE
Latitude: 5650 Feet South of 39 Deg. 15Min. 0 Sec.
Longitude 9000 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: 09/14/94
Well work Commenced: 3-28-95
Well work Completed: 4-25-95
Verbal Plugging
Permission granted on: _____ Rig
Rotary Cable _____
Total Depth (feet) 5045'
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.
NO CHANGE			
NO ADDITIONAL CASING RAN IN WELL			

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth (ft) 1746-1816

Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow *290 MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure 65 psig (surface pressure) after 24 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
Rodney J. Biggs

By: Rodney J. Biggs, Production Manager, Appalachian Region
Date: 5/08/95

MAY 19 1995
R

Perforated Big Injun, 1746-1816 with 33 holes

Nowaco Water Fraced - 3 / 3 0 / 9 5

Total Fluid	476 bbls.
Total sand	40,000 sks.
Total Acid	750 gal.
Ave. Rate	32 BPM
Ave. Press.	2,300#
Broke Form.	1,550#
Frac. Grad.	1.09

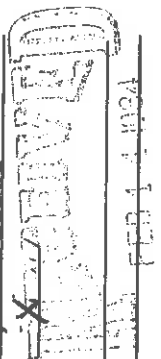
Turned Well Back in Line - 4 / 2 5 / 9 5



1) Date: February 7, 19 84
 2) Operator's Well No. 409
 3) API Well No. 47 - 017 - 3293 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

4) WELL TYPE: A Oil Gas / Production (If "Gas", Production / Underground storage Deep Shallow
 B (If "Gas", Production / Underground storage Deep Shallow
 5) LOCATION: Elevation: 911.40 Watershed: Right Fork (Photoinspected 1976)
 District: West Union County: Doddridge Quadrangle: Oxford 7.5' 1964
 6) WELL OPERATOR: CNG Development Company 7) DESIGNATED AGENT: Mr. Gary Nicholas
 Address One Park Ridge Center, P.O. Box 15746 Address Crosswind Corporate Park
Pittsburgh, PA 15244
 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Mr. H. M. Underwood
 Address Rt. 2, Box 114
Salem, WV 26426
 9) DRILLING CONTRACTOR:
 Name Sam Jack Drilling Company
 Address P. O. Box 48
Buckhannon, WV 26201
 10) PROPOSED WELL WORK: Drill deeper Redrill Stimulate
 Plug off old formation Perforate new formation
 Other physical change in well (specify) _____



11) GEOLOGICAL TARGET FORMATION, Alexander _____ feet
 12) Estimated depth of completed well, 5215 feet
 13) Approximate irata depths: Fresh, _____ feet; salt, 1330 feet.
 14) Approximate coal seam depths: 580 Is coal being mined in the area? Yes _____

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR (BACKS) (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used		
Conductor							
Fresh water	11-3/4	H-40	42	X		30	To surface
Coal							By rule 15.05
Intermediate	8-5/8	X-42	23	X		1011'	By Rule 15.05
Production	4-1/2	J-55	10.5	X		1590	By Rule 15.05
Tubing	1-1/2	CN-55	2.75	X		5215	200-400
Liners							OR AS REG. BY RULE 15.05
							Perforations:
							Top
							Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-017-3293 Date March 26, 1984

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 March 26, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
BLANKET	<u>Sam</u>	<u>MU</u>	<u>MU</u>	<u>000-236</u>

[Signature]
 Administrator, Office of Oil and Gas

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

