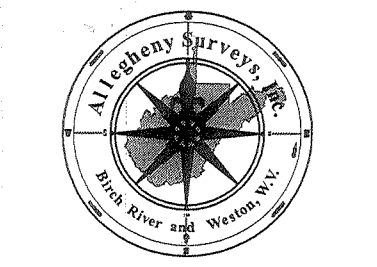


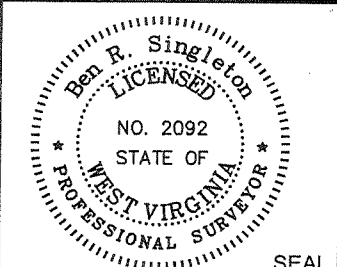
**Notes:**  
 Well site coordinates are  
 N: 302,266 Lat: 39-19-25.2  
 E: 1,660,405 Long: 80-42-01.6  
 West Virginia Coordinate System of 1927  
 (North Zone) based upon Differential GPS  
 Measurements.  
 Plat orientation, corner and well ties  
 are based upon the grid north meridian.  
 Well location references  
 are based upon the magnetic meridian.

(☉) Denotes Location of Well on United States Topographic Maps

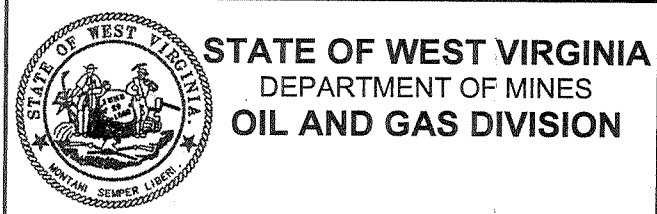


*I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Mines.*

*Ben R. Singleton*  
 P.S. 2092



FILE NO: W-174-30-G-04 (D6-21)  
 DRAWING NO: W17430G04\_3369.dwg  
 SCALE: 1" = 600'  
 MINIMUM DEGREE OF ACCURACY: 1:200  
 PROVEN SOURCE OF ELEVATION: Bench Mark B-81 Elev. 796.23'



DATE: March 24, 20 05  
 OPERATOR'S WELL NO. CNGD 3369  
 API WELL NO  
 47 - 017 - 3671-F  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 1325' WATERSHED: Tributary of Isarel Fork QUADRANGLE: Smithburg 7.5'  
 DISTRICT: Grant COUNTY: Doddridge  
 SURFACE OWNER: Frances Swentzel ACREAGE: 39  
 OIL AND GAS ROYALTY OWNER: E. Chapman et al LEASE NO: 005865 ACREAGE: 116  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  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: Keener ESTIMATED DEPTH: 2243  
 Blue Monday 2136  
 WELL OPERATOR: Dominion Exploration & Production, Inc. DESIGNATED AGENT: Manager Regional Production Operations - Rodney Biggs  
 ADDRESS: One Dominion Drive, P.O. Box 1248 ADDRESS: One Dominion Drive, P.O. Box 1248  
 Jane Lew, WV 26378 Jane Lew, WV 26378

APR 29 2005

6-6(99)

0000 3671 F

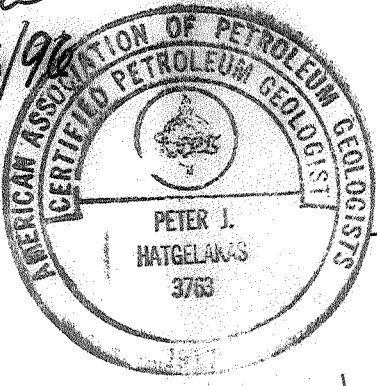
Jamie 9/2/98

9575'

(+ ) DENOTES LOCATION OF WELL ON U.S.G.S. TOPOGRAPHIC MAP

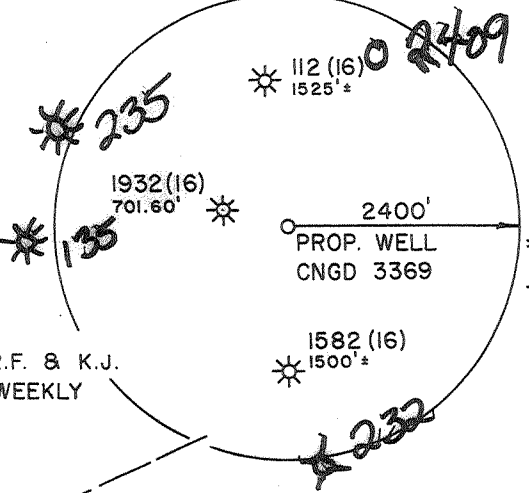
LATITUDE 39°20'00"

Jamie 6/6/96



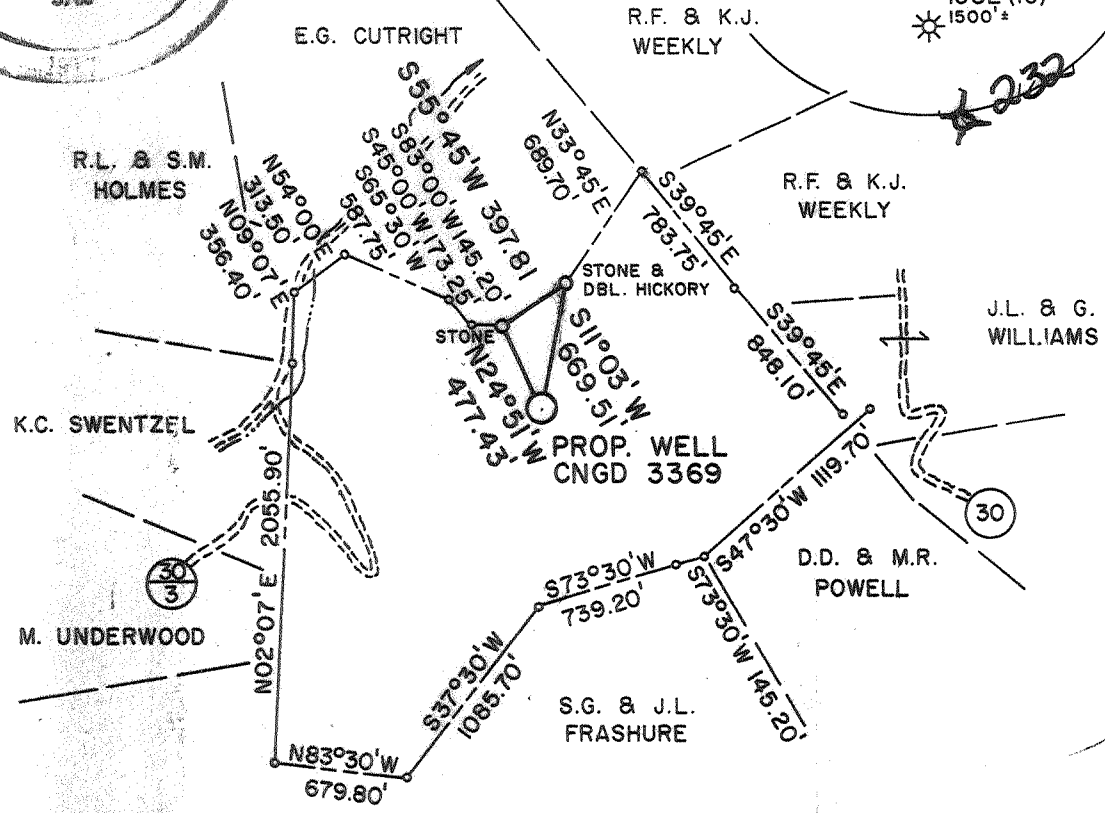
7.5'

0.675  
180W



LONGITUDE 80°40'00"

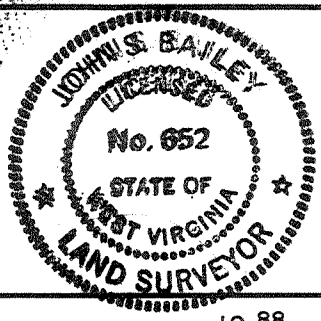
3550'



MAGNETIC REFERENCE TIES  
N18°05' W 193.71' TO 6" RED ELM  
N23°51' W 222.52' TO 14" BLACK LOCUST

**MSES consultants, inc.**  
FILE NO. MSES 88-824  
DRAWN BY AAT/RRC/RVS  
SCALE 1" = 1000'  
MIN. DEGREE OF ACCURACY 1/2500  
PROVEN SOURCE OF ELEVATION:  
ELEV. 904' AT JUNCTION OF  
30/3 AND 30

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  
P.E. \_\_\_\_\_ L.L.S. 652



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION



DATE MAY 24, 19 88  
OPERATOR'S WELL NO. CNDP-3369  
API WELL NO. 47-017-03671-7  
STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
IF "GAS", PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION: ELEVATION 1334.44' WATERSHED ISRAEL FORK OF POVERTY RUN  
DISTRICT GRANT COUNTY DODDRIDGE  
QUADRANGLE SMITHBURG, W. V. 7.5' NEAREST TOWN HARLIN  
SURFACE OWNER KIPLING C. SWENTZEL ACREAGE 39  
OIL & GAS ROYALTY OWNER E. CHAPMAN LEASE ACREAGE 116

LEASE NO. TC-5865  
PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION   
OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Set temporary plug for ladder  
PLUG AND ABANDON  CLEAN OUT AND REPLUG   
TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5700'

CNG Producing Company  
Rt. 2, Box 698  
Bridgeport, W.V. 26330

Rodney J. Biggs  
Same Address  
PH: 304-623-8840

JUN 7 1988

FORM IV-6

13834

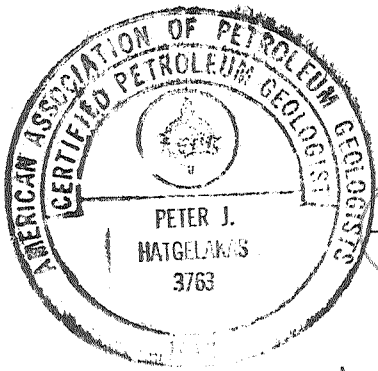
COUNTY PERMIT 3671

Jamie 9/2/80

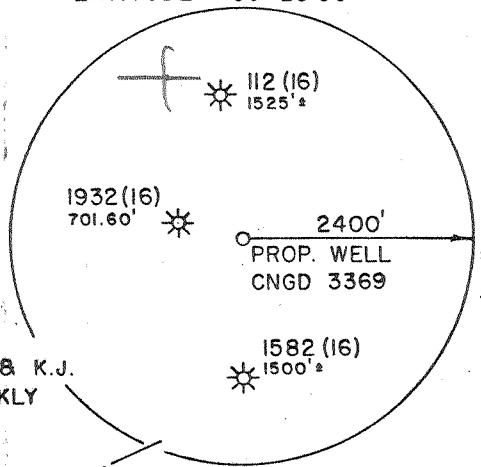
9575'

(+/-) DENOTES LOCATION OF WELL ON U.S.G.S. TOPOGRAPHIC MAP

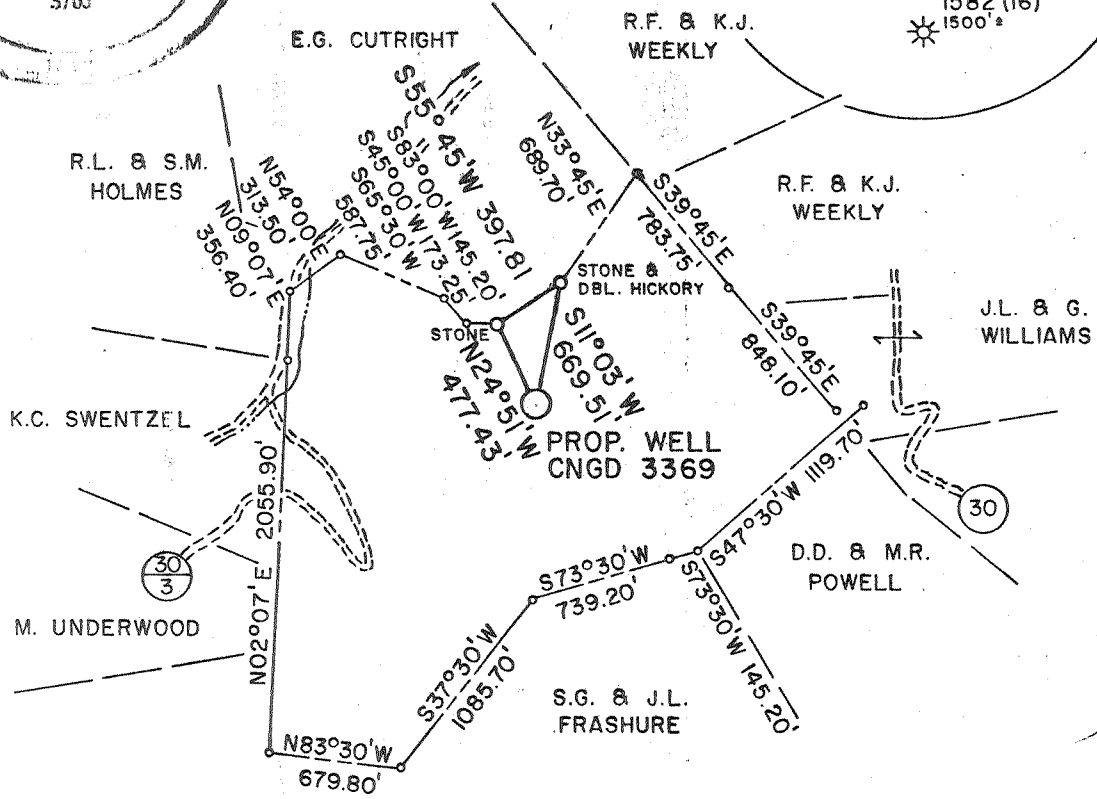
LATITUDE 39°20'00"



0.665  
180W



LONGITUDE 80°40'00"



MAGNETIC REFERENCE TIES

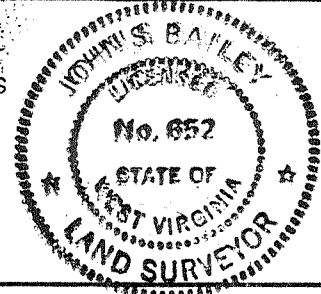
N18°05' W 193.71' TO 6" RED ELM  
N23°51' W 222.52' TO 14" BLACK LOCUST

MSES consultants, inc.

FILE NO. MSES 88-824  
DRAWN BY AAT/RRC/RVS  
SCALE 1" = 1000'  
MIN. DEGREE OF ACCURACY 1/2500  
PROVEN SOURCE OF ELEVATION:  
ELEV. 904' AT JUNCTION OF  
30/3 AND 30

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  
P.E. \_\_\_\_\_ L.L.S. 652



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION



DATE MAY 24, 1988  
OPERATOR'S WELL NO. CNGD 3369  
API WELL NO. 47 - 017 - 3671  
STATE \_\_\_\_\_ COUNTY \_\_\_\_\_ PERMIT \_\_\_\_\_

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
IF "GAS", PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION: ELEVATION 1334.44' WATERSHED ISRAEL FORK OF POVERTY RUN  
DISTRICT GRANT 3 Centerpoint SW COUNTY DODDRIDGE  
QUADRANGLE SMITHBURG, W.V. 7.5' 611 022 NEAREST TOWN HARLIN  
SURFACE OWNER KIPLING C. SWENTZEL ACREAGE 39  
OIL & GAS ROYALTY OWNER E. CHAPMAN LEASE ACREAGE 116  
LEASE NO. TC-5865  
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 5700' SEP 09 1988  
WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS  
ADDRESS ONE PARK RIDGE ADDRESS CROSSWIND CORPORATE PARK  
P.O. BOX 15746 142 RT. 2 BOX 698  
PITTSBURGH, PA. 15244 BRIDGEPORT, WV 26330

FORM IV-6

COUNTY PERMIT

6-6 Smithton-Flint-Sedalia (99)

WR-35  
Rev (5-01)

DATE: 06/17/2005  
API #: 47 017 03671F

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

*BJ*

Well Operator's Report of Well Work

Farm name: Swentzel, Francis Operator Well No.: 3369

LOCATION: Elevation: 1325' Quadrangle: Smithburg 7.5'

District: Grant County: Doddridge  
Latitude: 3500 Feet South of 39 Deg. 20 Min. 00 Sec.  
Longitude 9550 Feet West of 80 Deg. 40 Min. 00 Sec.

Company: Dominion Exploration & Production, Inc

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P O Box 1248 Jane Lew, WV 26378				
Agent: Rodney J. Biggs				
Inspector: Mike Underwood				
Date Permit Issued: 04/29/2005				
Date Well Work Commenced:				
Date Well Work Completed: 06/01/2005				
Verbal Plugging: N/A		See existing	Previous Casing prog	WR-35 for
Date Permission granted on: N/A				
Rotary Cable X Rig				
Total Depth (feet):				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths ft.): N/A				

OPEN FLOW DATA

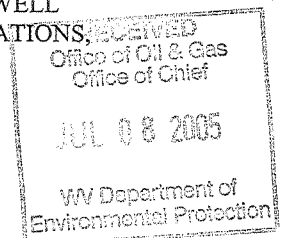
Keener 2242-2252'  
Producing formation Blue Monday Pay zone depth (ft) 2136-2146'  
Gas: Initial open flow - MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 84 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 12 Hours  
Static rock Pressure 45 psig (surface pressure) after 12 Hours

\*Commingled with previous formations

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

Signed: *Rob Biggs*  
By: Rodney J. Biggs  
Date: 7/13/05



0000 3671F

AUG 26 2005

06/01/05

PERFED AND FRACED AS FOLLOWS:

KEENER, 2242 - 2252', 20 HOLES, BD "0", AVG RATE 13.3 BPM, AVG  
PRESS 1003#, 268 BBLs,

TOT SAND 10,500#, ISIP 1280#

BLUE MONDAY, 2136 - 2146', 20 HOLES, BD 3500#, AVG RATE 2 BPM, AVG  
PRESS 3600#,

32 BBLs, "0" SAND, ISIP 2200#.



IV-35  
(Rev 8-81)

Date October 28, 1988

RECEIVED  
NOV 15 1988

State of West Virginia  
Department of Mines  
Oil and Gas Division

Operator's  
Well No. CNGD WN 3369  
Farm E. Chapman  
API No. 47 - 017 - 3671

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

WELL OPERATOR'S REPORT  
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1334.44 Watershed Israel Fork of Poverty Run  
District: Grant County Doddridge Quadrangle Smithburg 7.5

COMPANY CNG Development Company

ADDRESS P. O. Box 15746  
Pittsburgh, PA 15244

DESIGNATED AGENT Rodney J. Biggs

ADDRESS Rt. 2 Box 698  
Bridgeport, WV 26330

SURFACE OWNER Kipling C. Swentzel

ADDRESS Rt. 2 Box 159  
West Union, WV 26456

MINERAL RIGHTS OWNER E. Chapman

ADDRESS \_\_\_\_\_

OIL AND GAS INSPECTOR FOR THIS WORK \_\_\_\_\_

Mike Underwood ADDRESS Rt. 2, Box 135  
Salem, WV 26426

PERMIT ISSUED 09/09/88

DRILLING COMMENCED 10/04/88

DRILLING COMPLETED 10/10/88

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

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	261	261	To Surf.
9 5/8			
8 5/8	1923	1923	To Surf.
7			
5 1/2			
4 1/2	5779	5779	250 sks
3			
2 1/2	5571	5571	---
Liners used			

GEOLOGICAL TARGET FORMATION Alexander Depth 5700 feet

Depth of completed well 5807 feet Rotary  / Cable Tools \_\_\_\_\_

Water strata depth: Fresh \_\_\_\_\_ feet; Salt 1364 feet

Coal seam depths: N/A Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Alexander Pay zone depth 5582-5596 feet  
Benson 5250-5256 feet

Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

10/20/88 - Final open flow 198 Mcf/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 140 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)

NOV 18 1988

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

Perforated Alexander 5582-5596, 24 holes, .39 HSC  
Water Frac 30# Gel LGCIV - Break 1800, Avg TFSI 2251, Avg Rate 35 BPM, HHP used 1935, ISI 1440, 5 min 1325, used 500 gals 15% FE Acid, 5000# 80/100 Sand, 60,000# 20/40 Sand, 5#/gal Max Sand Conc.

Perforated Benson 5250-5256, 21 holes, .39 HSC  
Water Frac 30# Gel LGCIV - Break 1530, Avg TFSI 2273, Avg Rate 34 BPM, HHP used 1917, ISI 1525, 5 min 1300, used 500 gals 15% FE Acid, 5000# 80/100 Sand and 55,000# 20/40 Sand, 5#/gal Max Sand Conc.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all free and salt water, coal, oil and c
Ground Level			0	10	1/4" stream water @ 1364'
Sand, Shale & RR			10	2187	
B. Lime & Injun			2187	2356	
Sand & Shale			2356	2498	
Weir			2498	2600	
Sand & Shale			2600	2718	
Berea			2718	2730	
Sand & Shale			2730	2782	
Gantz			2782	2818	
30 Sand			2818	2896	
50 Sand			2896	2918	
Gordon			2918	3068	
4th Sand			3068	3208	
5th Sand			3208	3254	
Bayard			3254	3542	
Warren			3542	3624	
Sand & Shale			3624	3725	
U. Speechley			3725	3758	
Sand			3758	3774	
Speechley			3774	3870	
Sand			3870	4304	
Balltown			4304	4400	
Sand & Shale			4400	4730	
Bradford			4730	4795	
Sand & Shale			4795	5264	
Benson			5264	5280	
Sand & Shale			5280	5517	
Alexander			5517	5615	
Elk			5615	5650	
Sand & Shale			5650	5807	
<b>LOG TOPS</b> ✓					
Big Lime			2169	2243	
Big Injun			2243	2300	
Weir			2592	2582	
Berea			2695	2702	
Gantz			2708	2728	
Gordon Gp.			2888	2941	
Warren			3570	3607	
Benson			5250	5316	
Alexander			5506	5600	

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NOV 15 1988

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

CNG DEVELOPMENT COMPANY  
Well Operator

By: Rod Beyer  
Date: October 28, 1988

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 coal, encountered in the drilling of a well."





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

- 1) Well Operator: <sup>142</sup> CNG DEVELOPMENT COMPANY 10110, 3, 610
- 2) Operator's Well Number: CNGD 3369 3) Elevation: 1334.44
- 4) Well type: (a) Oil    / or Gas X /  
(b) If Gas: Production X / Underground Storage    /  
Deep    / Shallow X /
- 5) Proposed Target Formation(s): Alexander 4.39
- 6) Proposed Total Depth: 5700 feet
- 7) Approximate fresh water strata depths: - 200' possibly water at 900' 950'
- 8) Approximate salt water depths: 1851 C1536
- 9) Approximate coal seam depths: 798 C812'-816'
- 10) Does land contain coal seams tributary to active mine? Yes    / No X /
- 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	250	250	To surface
Coal						To surface
Intermediate	8-5/8	X-42	23	1925	1925	38CSR18-11.2.2 & 38CSR18-11.3
Production	4-1/2	J-55	10.5	5700	5700	200-400 sks 38CSR18-11.1
Tubing	1-1/2	CN-55	2.75	5600	5600	
Liners						

PACKERS : Kind \_\_\_\_\_  
 Sizes \_\_\_\_\_  
 Depths set \_\_\_\_\_

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 AUG 24 1988

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 50 Blanket Agent  
 (Type)

025669  
 2B  
 36

RECEIVED  
WV Division of  
Environmental Protection

017-3671-w

FORM WW-2B

MAY 21 1996

Page \_\_\_ of \_\_\_

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

Issued 06/05/96

22055

Well Operator: CNG Producing Company 10110 (3) 611

Operator's Well Number: CNGP 3369W 3) Elevation: 1334.44'

Well type: (a) Oil \_\_\_ / or Gas X / Expires 06/05/98

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

Proposed Target Formation(s): Gordon

6) Proposed Total Depth: 2918'-2940' 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 interval. Perf and Frac proposed intervals.  
(Commingle with existing production.)

12) CASING AND TUBING PROGRAM *only 1. 0.12*

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	13-10"			261	261	To Surface
Fresh Water						
Coal						
Intermediate	8 5/8"			1923	1923	To Surface
Production	4 1/2"			5779	5779	250 sks.
Tubing	1 1/2"			5571	5571	
Liners						

*Extract from well records* (circled around 261 and 1923)

*Squeeze* (written over the bottom of the table)

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

For Division of Oil and Gas Use Only

Fee(s) paid: Plat WW-9 WW-2B Bond Blanket WPCP Agent

MR

**RECEIVED**  
WV Division of  
Environmental Protection

MAY 21 1996

1) Date: 5-15-96  
2) Operator's well number  
CNGP 3369W  
3) API Well No: 47 - 17 - 03671W  
State County Permit

Permitting  
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:  
(a) Name Francis L. Swentzel  
Address Rt. 2, Box 159  
West Union, WV 26456  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Mike Underwood  
Address \_\_\_\_\_  
Telephone (304) - 288-4604  
(304) - 782-1043

5) (a) ~~Coal~~ ~~Operator~~ ~~Coal~~ OWNER  
Name Same as Surface Owner  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name Virginia Diamond  
Address 755 Broad St.  
Washington, PA 15301  
Name LaVaughn Kellow  
Address 815 Braun Road  
Belpre, OH 45704  
~~(c) Coal Lessee with Declaration~~  
Name Charles T. Chapman  
Address Canyon City, CO 81004

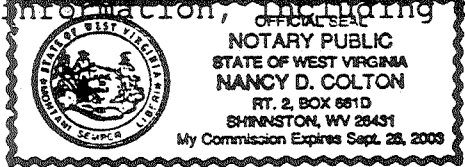
TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

         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 26303

Telephone (304) 623-8840  
Subscribed and sworn before me this 15<sup>th</sup> day of May, 1996

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

NR

OCT 23 1996 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: SWENTZEL, FRANCIS L. Operator Well No.: CNGP 3369

LOCATION: Elevation: 1,334.44 Quadrangle: SMITHBURG

District: GRANT County: DODDRIDGE  
Latitude: 3550 Feet South of 39 Deg. 20Min. 0 Sec.  
Longitude 9575 Feet West of 80 Deg. 40 Min. 0 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: 7/15/96  
Well work Completed: 10/1/96  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary Cable Rig  
Total Depth (feet) 5700'  
Fresh water depths (ft) \_\_\_\_\_  
Salt water depths (ft) \_\_\_\_\_

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

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			
Did not Re-Run Tubing			

OPEN FLOW DATA

Big Unjun 2279-2288  
Gordon 2918-2940  
Producing formation Pay zone depth (ft)  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow \* 600 MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests 4 Hours  
Static rock Pressure 340 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.

For: CNG PRODUCING COMPANY *Rod Biggs*

By: Rodney J. Biggs, Production Manager, Appalachian Region  
Date: 10/16/96

OCT 25 1996

*MB*

CNGP 3369 WORKOVER

7/15/96 - Perforated Gordon, 2918-2940

7/17/96 - Nowsco Fraced

Total Acid	1,000 gal.
Total Sand	25,000# 20/40
	5,000 - 80,000#
Total Water	416 bbls, 25# gel fresh water
Brkdwn Press.	2180#
Avg. Rate	24,5 bbl. / min.
Avg. Press.	2380#

9/19/96 - Perforated Big Injun 2279-2288

9/20/96 - Nowsco Fraced

Total Fluid	459 bbls. 25# gel
Total sand	5k 80/100, 25k 20/40
Total Acid	750 gal. 15%
Avg. Rate	20 BPM
Avg. Press	1700
Br. Fm.	1800
Frac. Grad.	.75

10/1/96 - F.O.F. = 600 MCFD

10/1/96 - T.B.I.L.