



New Location
 Drill Deeper **D-815189**
 Abandonment **X ~~24778~~**

FB. 561 P. 27-28 Sh 53 Sqs. 56 W4

Company **CNG TRANSMISSION 21817**
 Address **445 W. MAIN STREET Clarksburg, W.V. 26301**
 Farm **PETER ASH**
 Tract Acres **50** Lease No. **24778**
 Well (Farm) No. **3279** Serial No. **see plat**
 Elevation (Spirit Level) see plat **1169'**
 Quadrangle **CENTERPOINT 15 / Smichburg 75**
 County **DODDRIDGE** District **MCCLELLAN 5**
 Engineer **W.M. Bower**
 Engineer's Registration No. **900**
 File No. _____ Drawing No. _____
 Date **26 July 1946** Scale **1" = 400'**

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. **47-017-1942-DD**

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

AUG 18 1989

0WDD 5100' Benson **6-6** ~~Centerpoint~~ ~~(099)~~ (099) 1075

WR-35
RECEIVED
Division of Energy

SEPT 10 90
Permitting
Oil and Gas Section

15-Aug-89
API # 47- 17-01942 D

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

Well Operator's Report of Well Work

Farm name: BARTON, GREGORY/M. WELCH Operator Well No.: 3279

LOCATION: Elevation: 1169.00 Quadrangle: SMITHBURG

District: MCCLELLAN County: DODDRIDGE
Latitude: 800 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 4925 Feet West of 80 Deg. 40 Min. 0 Sec.

Company: CNG TRANSMISSION CORP.
445 WEST MAIN ST
CLARKSBURG, WV 26302-2450

Agent: GLENN A. KNEPPER

Inspector: MIKE UNDERWOOD
Permit Issued: 08/15/89
Well work Commenced: 09/19/89
Well work Completed: 10/11/89
Verbal Plugging _____
Permission granted on: _____
Rotary Cable Rig _____
Total Depth (feet) 5406'
Fresh water depths (ft) 1705-1720'

Salt water depths (ft) NO REPORT

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

Well was drilled deeper (2318-5406')
OPEN FLOW DATA

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
13"		210'	
11"		1135'	
8 1/4"		1772'	
6 5/8"		2140'	
5 3/16"		2176'	

Producing formation Bradford Pay zone depth (ft) 2318-5406'
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 603,000 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 1700 psig (surface pressure) after 14 ~~Hours~~

Second producing formation Riley Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 603,000 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 1700 psig (surface pressure) after 14 ~~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 TRANSMISSION CORP.

By: George R. M. Mann
Date: 8-30-90

SEP 14 1990

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02

Perforations:

Bradford	4583-85	4	Holes	0.36
	4749-51	4	Holes	0.36

Riley	5159-61	4	Holes	0.36
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Benson	5228-34	12	Holes	0.36
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Pittsburgh Coal	774-778
Dunkard Sand	1135-1237
Salt Sand	1445-1750
Maxton Sand	1925-2005
Injun Sand	2170

TD. 5406

new TD	5406
old TD	<u>2318</u>

new Qty 3088

9249

20. 1. 30

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

- 1) Well Operator: CNG TRANSMISSION CORPORATION ¹⁸¹⁷ 10900 (5) 610
- 2) Operator's Well Number: 3279 3) Elevation: 1169'
- 4) Well type: (a) Oil / or Gas X /
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow X /
- 5) Proposed Target Formation(s): BENSON +35
- 6) Proposed Total Depth: 5100 feet
- 7) Approximate fresh water strata depths: 1700' - 1725'
- 8) Approximate salt water depths: NO REPORT
- 9) Approximate coal seam depths: 770' - 785'
- 10) Does land contain coal seams tributary to active mine? Yes / No X /
- 11) Proposed Well Work: Squeeze 7" and open hole. Drill out. Air drill new 6 1/4" hole to 5100'. Run 4 1/2" casing and cement.
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	
Conductor					
Fresh Water	8 1/4"	Existing			1772'
Coal					
Intermediate	6 3/8"	Existing			2140'
Production	4 1/2"				5100' <u>38 CSR 13-11</u>
Tubing					
Liners					

PACKERS : Kind
 Sizes
 Depths set

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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 Agent

003392
 1-49

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: June 27, 1989
2) Operator's well number 3279
3) API Well No: 47 - 017 - 1942 -DD
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 Gregory Barton & Mary Welch
 Address P O Box 4308
Parkersburg, WV 26101
 (b) Name _____
 Address _____
 (c) Name _____
 Address _____
- 5) (a) Coal Operator:
 Name NONE
 Address _____
 (b) Coal Owner(s) with Declaration
 Name WILLIS G. TETRICK, ET AL
 Address Union Bank Complex
Clarksburg, WV 26301
 Name _____
 Address _____
 (c) Coal Lessee with Declaration
 Name Consolidation Coal Company
 Address P O Box 1314
Morgantown, WV 26554
- 6) Inspector Mike Underwood
 Address Route 2, Box 114
Salem, WV 26426
 Telephone (304)-782-1043

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
XX 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 TRANSMISSION CORPORATION
By: _____
Its: MANAGER OF PRODUCTION
Address 445 W Main Street
Clarksburg, WV 26301
Telephone 623-8000



OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
FELICIA M. CAPUTO
218 Westwood Ave.
Bridgeport, W. Va. 26330
My Commission Expires January 20, 1998

Subscribed and sworn before me this 28th day of June, 1989
Felicia M. Caputo Notary Public
My commission expires January 20, 1998

Form 124 Record of Hope Natl Gas Company Shirley District Shirley
 Well No. 3279 Located on Peter Ash Farm
 District Mt. Cleave County Doddridge State N. Va.
 Location Made 11-20-13 First Work Done 11-20-13
 Rig Commenced 12-6-13 Rig Completed 12-12-13
 Drilling Commenced 12-22-13 Drilling Completed 3-6-14
 Rig Contractor H. N. G. Co Drilling Contractor J. T. Williams
 Drillers J. F. Reynolds H. N. G. Co. Tools. String No. J. T. Williams
 Tool Dressers J. W. Coffrill J. E. Ash

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal	524	527					
Pittsburg Coal	774	778					
Little Dunkard	1135	1180					
Big Dunkard	1224	1237					Sand 1370-1396
Gas Sand	1320	1355					
First Salt	1445	1493		1705			2. Boilers per hr
Second Salt	1655	1750		1720			5" Water 1"
Maxon	1925	2005				1936	
Little Lime	2060	2075					
Pencil Cave	2075	2087					
Big Lime	2087	2170				2265	6/10 water 6 1/2"
Big Injun	2170		2170				
Squaw			2265				
Berea							
Gantz							
Fifty Foot							
Thirty Foot							
Gordon Stray							
Gordon							
Fourth							
Fifth							
Hayard			2318				
Total Depth		2318					

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Left at Well Not in Use		If more than two strings of casing are left in hole, give reasons for leaving additional strings
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
13" Cng.	281	10	210	-	210	-			21	2	260	8	
10" "	1411	4	1135	-	1135	-					1411	4	
8 1/2" "	1789	5	1777	-			1772	-			17	5	
6 5/8" "	2319	-	2140	-			2140	-			179	-	
5 3/16" "											406	3	
2 Tbg.	2738	3	2837	-			2337	-					

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
10x8 1/2	B.H.		1750	
8 1/2 x 6 9/8	"		3123	
6 9/8 x 2	A	175	2143	

SHOOTING RECORD (If shot before or upon completion of well)

DATE	Gauge	Top of Shell	Bottom of Shell	Diameter	Sand	Test Before Shot			Test After Shot			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		

CEMENTING RECORD

Date Cemented..... Size Hole Cemented..... Size Casing Cemented.....
 Top Pittsburg Coal..... Top Cementing..... Amount Cement Used.....
 Bottom Pittsburg Coal..... Bottom Cementing..... Amount Sand Used.....
 Mr. APR 3 1914 U.S. Not Cemented of..... Coal Company on ground when coal was cemented
 Remarks..... Signature of persons who cemented well

WELL BOOK JUN 5 1914 G.A.S.
 LEASE IN RECORD
 LEASE DOCKET
 WALL MAP APR 1 1914 J.C.L.
 LINE MAP APR 3 1914 U.S.
 LOCATION BOOK
 CONTRACTORS PLAT

Approved by J. T. Williams Foreman
 017-1942