

MAP SHEET-Q118136:FF4250203 FB.2283 PG.16-20

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 in 200'  
 PROVEN SOURCE OF ELEVATION BM=RD. FK. on WALLACE W.V. 7.5' Topo at Jimtown. EL.=1022'

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) Ralph E. Campbell  
 R.P.E. \_\_\_\_\_ L.L.S. 211

PLACE SEAL HERE

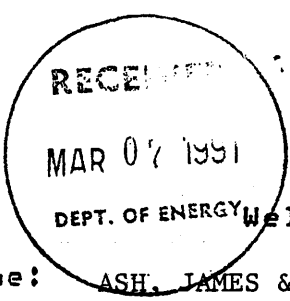
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE DECEMBER 14, 19 87  
 OPERATOR'S WELL NO. 3843  
 API WELL NO. \_\_\_\_\_  
47 - 033 - 1392-DD  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 1077 WATER SHED JONES RUN  
 DISTRICT EAGLE 4 COUNTY HARRISON  
 QUADRANGLE WALLACE 7.5' TOPO 655 027 C Clarksburg 15'  
 SURFACE OWNER JAMES C. & FRED A. ASH ACREAGE 108a  
 OIL & GAS ROYALTY OWNER JAS. A. GRIFFIN (Now IMO V. WINEMILLER) LEASE ACREAGE 108a  
 LEASE NO. 5876  
 PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER X REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
019-6-6  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Balltown ESTIMATED DEPTH 3510  
 WELL OPERATOR CON. GAS TRANS. CORP. DESIGNATED AGENT W.A. FOX  
 ADDRESS 445 WEST MAIN STREET ADDRESS 445 WEST MAIN STREET  
CLARKSBURG, WEST VIRGINIA CLARKSBURG, WEST VIRGINIA

APR 22 1988



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

Well Operator's Report of Well Work

Farm name: ASH, JAMES & FREDA

Operator Well No.: 3843

LOCATION: Elevation: 1077' Quadrangle: WALLACE

District: EAGLE County: HARRISON  
Latitude: 6540 Feet South of 39 Des. 25 Min. 00 Sec.  
Longitude 5580 Feet West of 80 Des. 22 Min. 30 Sec.

445 WEST MAIN ST  
CLARKSBURG, WV

Casings Used in Left Cement  
& Tubins Drilling in Well Cu. Ft.

Agent: GLENN A. KNEPPER

Inspector: STEPHEN CASEY  
Permit Issued: 04/19/88  
Well work Commenced: 06/28/88  
Well work Completed: 07/22/88  
Verbal Plugging  
Permission granted on:  
Rotary  Cable  Rig  
Total Depth (feet) 3514'  
Fresh water depths (ft) None  
Salt water depths (ft) 455, 780  
Is coal beins mined in area (Y/N)? N  
Coal Depths (ft): None

Size	Used in Drilling	Left in Well	Cement Cu. Ft.
8 1/4"		985	
6 5/8"		1359	
5 3/16"	3456	2188	
3 1/2"	1268	3456	60 sks

OPEN FLOW DATA

Producing formation Balltown Pay zone depth (ft) 3220-3271  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 1427 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure 1665 P<sub>sis</sub> (surface pressure) after 14 Days ~~XXXX~~

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 \_\_\_\_\_ P<sub>sis</sub> (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.

*G. A. Knipper by mill*  
For: CNG TRANSMISSION CORP.

By: Glenn A. Knipper  
Date: 3/06/91

Perforated Balltown 3220-3221, 324903251, 3252-3256, and 3266-3271 w/24 shots.  
Fractured with 500 gal. 15% HCL acid, 60,000# sand, 30 lb. gel system, 850 bbls. water.

68522

Record of *Well No. 3843* *Company* *Buffalo* District *East*  
 Located on *Alice Griffin* County *Harrison* State *W. Va.*  
 District *East* Location Made *5-15-1915* First Work Done *5-15-1915*  
 Rig Commenced *5-25-1915* Rig Completed *6-1-1915*  
 Drilling Commenced *June 14-1915* Drilling Completed *Aug 27-1915*  
 Rig Contractor *W. H. H. Co.* Drilling Contractor *W. M. Agay*  
 Drillers *W. H. H. Co. & W. M. Agay* H. H. Co. Tools, String No. *W. M. Agay*  
 Tool Dressers *J. H. H. Co. & A. Z. Jones*

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS	
Native Coal	<i>below</i>							
Pittsburg Coal	<i>350</i>	<i>375</i>						
Little Dunkard	<i>450</i>	<i>500</i>						
Gas Sand	<i>715</i>	<i>745</i>						
First Salt	<i>750</i>	<i>1180</i>		<i>780</i>				
Second Salt	<i>none</i>							
Maxon	<i>"</i>							
Little Lime	<i>1278</i>	<i>1286</i>	<i>1278</i>					
Pencil Cave	<i>1286</i>	<i>1292</i>	<i>1286</i>					
Big Lime	<i>1292</i>	<i>1355</i>	<i>1292</i>					
Big Injun	<i>1355</i>	<i>1486</i>	<i>1355</i>					
Squaw	<i>none</i>							
Berea	<i>"</i>							
Gantz	<i>"</i>							
Fifty Foot	<i>1876</i>	<i>1880</i>	<i>1876</i>				<i>6 1/10 water 2" opening</i>	
Thirty Foot	<i>2000</i>	<i>2028</i>	<i>2000</i>					<i>343 Meas</i>
Gordon Stray	<i>-</i>							
Gordon	<i>2184</i>	<i>2209</i>	<i>2184</i>				<i>3 7/10 water 2" opening</i>	
Fourth	<i>2225</i>	<i>2256</i>	<i>2225</i>					<i>239 Meas</i>
Fifth	<i>2335</i>	<i>2340</i>	<i>2335</i>					
Bayard	<i>2412</i>	<i>2424</i>	<i>2412</i>					
Total Depth			<i>2535</i>	<i>J. Co. Co.</i>				

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" Csg.													
10" "	<i>210</i>	<i>4</i>	<i>153</i>	<i>-</i>	<i>153</i>				<i>42</i>	<i>8</i>	<i>167</i>	<i>6</i>	
8 1/2" "	<i>1072</i>	<i>11</i>	<i>985</i>					<i>985</i>	<i>55</i>	<i>7</i>	<i>37</i>	<i>9</i>	
6-5-8" "	<i>1800</i>	<i>5</i>	<i>1358</i>	<i>6</i>				<i>1358</i>	<i>6</i>	<i>429</i>	<i>7</i>	<i>11</i>	<i>4</i>
5-3-16" "	<i>2513</i>	<i>5</i>	<i>2187</i>	<i>6</i>				<i>2187</i>	<i>6</i>	<i>131</i>	<i>11</i>	<i>194</i>	<i>-</i>
Tbg.													

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
<i>1-8 1/2"</i>	<i>Steel shoe</i>	<i>on</i>	<i>bottom of 8 1/2" casing</i>	<i>985' Steel Line</i>
<i>48x84"</i>	<i>anc.</i>	<i>21 1/2"</i>	<i>1337'</i>	<i>Steel Line, 678' Steel shoe on bottom</i>
<i>716x678"</i>	<i>130"</i>		<i>2187'</i>	<i>" "</i>

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

DATE	Quarts	Top of Shot	Bottom of Shot	Diameter	Sand	Test Before Shot			Test After Shot			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		
<i>3-0-15</i>	<i>15</i>	<i>2335</i>	<i>2340</i>	<i>4 1/4"</i>	<i>5 1/4"</i>	<i>2 1/10</i>	<i>Water</i>	<i>2"</i>	<i>3 1/10</i>	<i>Water</i>	<i>2"</i>	<i>2 1/2</i>	<i>M. J. Co.</i>
							<i>215M</i>			<i>253M</i>			

CEMENTING RECORD

Date Cemented *Not Cemented* Size Casing Cemented *Not Cemented*  
 Top Pittsburg Coal *Not Cemented* Top Cementing *Not Cemented* Amount Cement Used *Not Cemented*  
 Bottom Pittsburg Coal *Not Cemented* Bottom Cementing *Not Cemented* Amount Sand Used *Not Cemented*  
 Mr. *SEP 20 1915 H.H.H.* Coal Company on ground when coal was cemented  
 Remarks: *WELL HOME NOV 8 1915 G.A.K.* Signature of persons who cemented well  
*SEP 24 1915 J.C.L.*  
 Approved by *H. White* Purchaser  
 Permit No. *233 120*

**RECEIVED**  
MAR 25 1988

Date: March 23, 1988  
Operator's well number  
3843

**DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY**

API Well No: 47 - 033 - 1392 - DD  
State - County - Permit

**STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS**

**RECEIVED**  
APR 05 1988

**NOTICE AND APPLICATION FOR A WELL WORK PERMIT**

- 4) Surface Owner(s) to be served:
- (a) Name James C. & Freda E. Ash  
Address 519 1/2 Pennsylvania Ave.  
Nutter Fort, WV 26301
  - (b) Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_  
Address \_\_\_\_\_
- 6) Inspector Stephen Casey  
Address Rt. 2, Box 232-D  
Jane Lew, WV 26378  
Telephone (304)- 884-7470

- DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY**
- 5) (a) Coal Operator  
Name None  
Address \_\_\_\_\_
- (b) Coal Owner(s) with Declaration  
Name White-Acker Company  
Address c/o William H. Bargeloh, Jr.  
518 17th Street  
Name Parkersburg, WV 26101  
Address \_\_\_\_\_
- (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 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 3 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 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 Corp.  
By: [Signature]  
Its: Manager of Production  
Address 445 West Main Street  
Clarksburg, West Virginia 26301  
Telephone 623-8000



**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 23rd day of March, 1988

Felicia M. Caputo

Notary Public

My commission expires January 20, 1998

033-1392-DD

Issued 4/19/88  
Expired 4/19/90

Page 3 of 5

FORM WW-2B

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

- 1) Well Operator: <sup>1817</sup> CNG Transmission Corp. 10900, 24, 654
- 2) Operator's Well Number: 3843 3) Elevation: 1077'
- 4) Well type: (a) Oil  or Gas  /  
(b) If Gas: Production  / Underground Storage  /  
Deep  Shallow
- 5) Proposed Target Formation(s): Balltown 433
- 6) Proposed Total Depth: 3510 feet
- 7) Approximate fresh water strata depths: 455 & 780
- 8) Approximate salt water depths: unknown
- 9) Approximate coal seam depths: none
- 10) Does land contain coal seams tributary to active mine? Yes  / No
- 11) Proposed Well Work: Clean out, drill deeper and log.
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	
Conductor					
Fresh Water	8 1/4				985
Coal	6 5/8				1359
Intermediate	5 3/16				2188
Production	3 1/2			3510	3510
Tubing					
Liners					

RECEIVED RECEIVED  
APR 05 1988 MAR 25 1988

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

DIVISION OF OIL & GAS      DIVISION OF OIL & GAS  
 DEPARTMENT OF ENERGY      DEPARTMENT OF ENERGY

For Division of Oil and Gas Use Only

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

Plat  WW-9     WW-2B     Bond 503 Blanket     Agent

(Type)

685-2  
01960  
19