



1) Date: January 26, 19 84  
 2) Operator's Well No. 11512  
 3) API Well No. 47 - 001 - 0608 - DD  
 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 X /  
 B (If "Gas", Production X / Underground storage      / Deep      / Shallow     )
- 5) LOCATION: Elevation: 1951 Watershed: Tygart River  
 District: Philippi County: Barbour Quadrangle: Audra
- 6) WELL OPERATOR Consolidated Gas Supply Corp. 7) DESIGNATED AGENT L. Joseph Timms, Jr.  
 Address 145 West Main Street Address 145 West Main Street  
Clarksburg, West Virginia Clarksburg, West Virginia
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Phillip Tracy Name S. W. Jack Drilling Co.  
 Address General Delivery Address Indiana, Pa.  
Ellamore, WV 26267
- 10) PROPOSED WELL WORK: Drill      / Drill deeper X / Redrill      / Stimulate       
 Plug off old formation      / Perforate new formation       
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Haverty  
 12) Estimated depth of completed well, 5425 feet  
 13) Approximate trata depths: Fresh, 37 & 450 feet; salt,      feet.  
 14) Approximate coal seam depths: 300-306 Is coal being mined in the area? Yes

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 JAN 30 1984  
 OIL & GAS DIVISION  
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11 3/4	H-40	42	X			16	To surface	Kinds <u>ALREADY IN PLACE</u>
Fresh water									
Coal	8 5/8	K-55	24	X			804	To surface	Sizes
Intermediate									
<i>Proposed</i> Production	4 1/2	K-55	10.5	X		5425	5425	300 Sks.	Depths set <u>or as req by rule 15.01</u>
Tubing									Perforations:
Liners									Top Bottom <u>Unknown at this time.</u>

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-001-0608-DD Date February 3, 19 84

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 February 3, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <b>BLANKET</b>	Agent: <u>LP</u>	Plat: <u>ML</u>	Casing: <u>ML</u>	Fee: <u>000-251</u>
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*[Signature]*  
 Administrator, Office of Oil and Gas



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) Date: \_\_\_\_\_  
 2) Operator: \_\_\_\_\_  
 3) ABL Well No.: \_\_\_\_\_  
 4) Well Name: \_\_\_\_\_  
 5) Location: \_\_\_\_\_  
 6) Well Operator: \_\_\_\_\_  
 7) Designated Agent: \_\_\_\_\_  
 8) Oil & Gas Inspector: \_\_\_\_\_  
 9) Proposed Well Work: \_\_\_\_\_  
 10) Geological Target Formation: \_\_\_\_\_  
 11) Estimated Depth of Completed Well: \_\_\_\_\_  
 12) Approximate True Depth: \_\_\_\_\_  
 13) Approximate Coal Seam Depth: \_\_\_\_\_  
 14) Casing and Tubing Program: \_\_\_\_\_

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OIL & GAS DIVISION  
DEPT. OF MINES

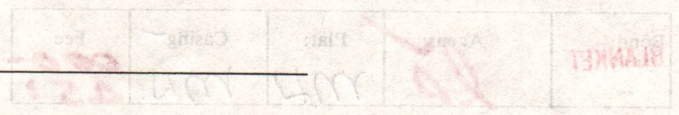
OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: \_\_\_\_\_  
 Reason: \_\_\_\_\_



INSTRUCTIONS TO APPLICANT

CONCERNING THE LEASE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
Anna M. Jones, widow	Consolidated Gas Supply Corp.	1/8	64 599

RECEIVED

FORM IV-2(A)

JAN 3 1 1984

OIL & GAS DIVISION  
DEPT. OF MINES

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

1) Date: January, 1984  
2) Operator's Well No. 11512  
3) API Well No. 47 001 0608-  
State County Permit

• 20

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED  
(i) Name Harold H. & Margaret P. Daugherty  
Address Rt. 2, Box 264  
Philippi, WV 26116  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR None  
Address \_\_\_\_\_  
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Eastern Associated Coal Corp.  
Address 1701 Koppers Bldg.  
Pittsburgh, Pa. 15219  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name None  
Address \_\_\_\_\_

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:  
(1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;  
(2) The plat (surveyor's map) showing the well location on Form IV-6; and  
(3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SET FORTH IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B)) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) EXTRACTOR RIGHTS  
Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-2-1-(c)(1) through (4). (See reverse side for specifics.)  
7) ROYALTY PROVISIONS  
Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No  
If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

J. F. Gwinn  
this 26 day of January, 1984.  
My commission expires Sept. 13, 1986.

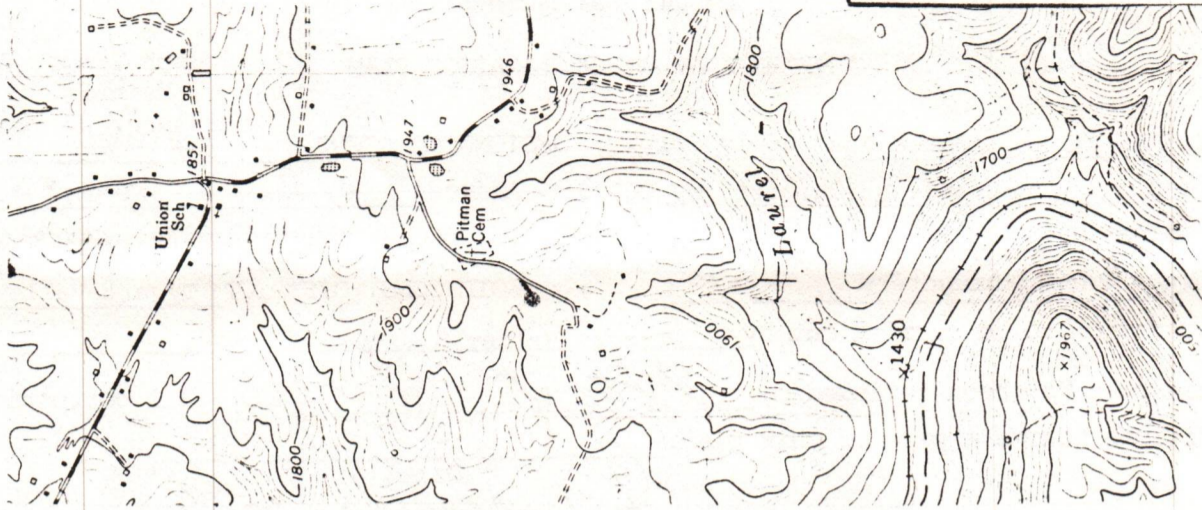
Joseph D. Bradley  
Notary Public, Harrison County,

WELL  
OPERATOR Consolidated Gas Supply Corp.  
By J. E. Gwinn / by W. E. Lindy  
Its Manager of Production  
Address 115 West Main Street  
Clarksburg, West Virginia 26301  
Telephone 623-8000

IV-9 REVERSE  
(REV 8-81)

ATTACH OR PHOTOCOPY SECTION OF  
INVOLVED TOPOGRAPHIC MAP.  
QUADRANGLE PURCE 7.5

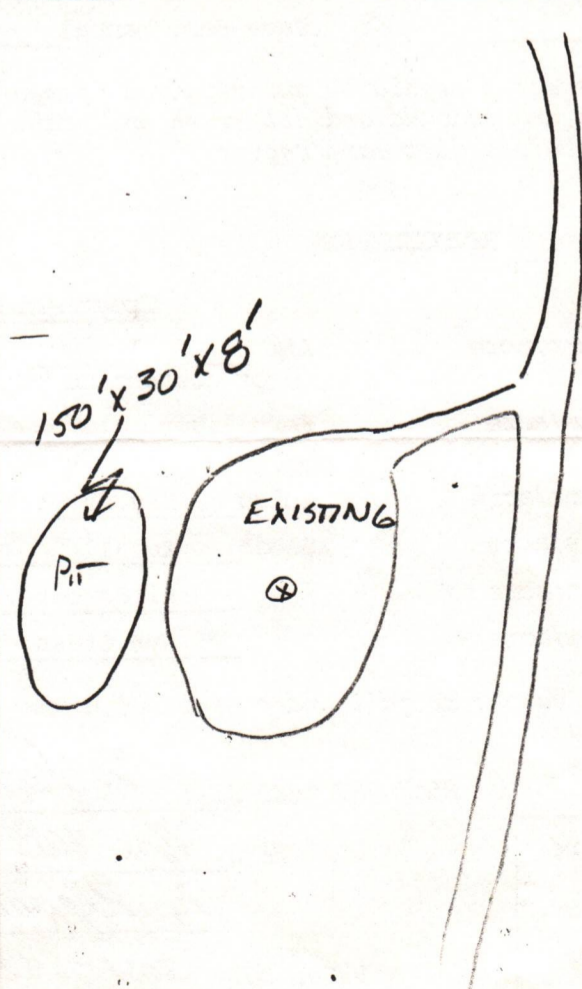
LEGEND	
Well Site	⊕
Access Road	—



WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND			
Property boundary	—▲—▲—▲—▲—	Diversion	//////
Road	== == == ==	Spring	○→
Existing fence	—x—x—	Wet spot	⊕
Planned fence	—/—/—	Building	■
Stream	~ ~ ~ ~	Drain pipe	○→○→
Open ditch	—>—>—>—>—	Waterway	⇄ ⇄ ⇄



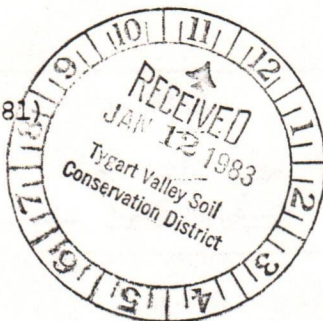
+ PITMAN CEM

This location is EXISTING with AN ACTIVE PRODUCTION WELL. WE PLAN TO MOVE IN, CONSTRUCT PIT AND DRILL the well to a deeper SAND.

This location is IN A MEADOW, ON A KNOLL, WELL DRAINED.



IV-9  
(Rev 8-81)



DATE 1-12-83

WELL NO. 11512

State of West Virginia  
Department of Mines  
Oil and Gas Division

API NO. 47-001-0608-D7

CONSTRUCTION AND RECLAMATION PLAN L. Joseph Timms, Jr.  
445 W. Main St.  
Clarksburg, WV 26301

COMPANY NAME Consolidated Gas Supply Corp. DESIGNATED AGENT M. D. Conley  
Address P. O. Box 460, Bridgeport, WV 26330 Address P. O. Box 460, Bridgeport, WV 26330  
Telephone 304-842-3936 Telephone 304-842-3936 623-8000

LANDOWNER Harold Daughtery SOIL CONS. DISTRICT Tygart Valley  
Revegetation to be carried out by Tygart Valley S C D (Agent)

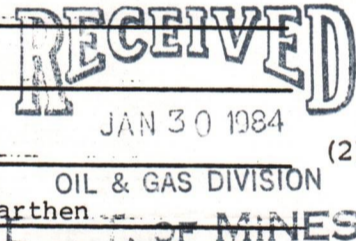
This plan has been reviewed by Tygart Valley SCD All corrections  
and additions become a part of this plan: 1-20-83

(Date)  
J. J. Federal  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure <u>Road Existing</u> (A)	Structure <u>Loc. Existing</u> (1)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure <u>Culvert Existing</u> (B)	Structure <u>Pit</u> (2)
Spacing _____	Material <u>Earthen</u>
Page Ref. Manual _____	Page Ref. Manual <u>1:20-10</u>
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____



All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime 3 Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay or Straw 2 Tons/acre  
Seed\* Ky 31 35 lbs/acre  
Birdsfoot 10 lbs/acre  
Rye Grass 10 lbs/acre

Lime 3 Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay or Straw 2 Tons/acre  
Seed\* Ky 31 35 lbs/acre  
Birdsfoot 10 lbs/acre  
Rye Grass 10 lbs/acre

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY M. Conley  
ADDRESS Box 460  
Bridgeport WV  
PHONE NO. 304-842-3936

NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

SUMMARY SHEET FOR WEST VIRGINIA WELLS  
(To be sent to Production Department  
with Red-Line Plat)

Well No. 11512 Lease No. 68925 Acres 104  
District Philippi County Barbour West Virginia

<u>Lease Description or boundaries</u>	<u>Recorded Date</u>	<u>Book</u>	<u>Page</u>
North <u>Homer Daugherty</u>	<u>10-23-59</u>	<u>41</u>	<u>147</u>
East <u>Bernice Bolton</u>			
South <u>C. M. Bennett, et al</u>			
West <u>Raymond Jones; Big Laurel Creek</u>			
Waters <u>Tygart Valley River</u>	Royalty <u>1/8</u>		

Royalty Owners and Addresses

Harold H. Daugherty, Agt.  
Rt. 2, Box 264  
Philippi, WV 26416

**RECEIVED**

JAN 30 1984

OIL & GAS DIVISION  
**DEPT. OF MINES**

**No. 650748**  
**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED—  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

SENT TO		Harold H. Daugherty
STREET AND NO.		Rt. 2, Box 264
P.O., STATE AND ZIP CODE		Philippi, WV 26416
POSTAGE		\$
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	\$
	SPECIAL DELIVERY	\$
	RESTRICTED DELIVERY	\$
	OPTIONAL SERVICES	
	RETURN RECEIPT SERVICE	
	SHOW TO WHOM AND DATE DELIVERED	\$
	SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	\$
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	\$	
TOTAL POSTAGE AND FEES		\$
POSTMARK OR DATE		

PS Form 3800, Apr. 1976



CONSOL. GAS SUPPLY CORP. Attn: Prod. Dept. Well 11512

**No. 650749**  
**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED—  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

SENT TO		Eastern Associated Coal
STREET AND NO.		1701 Koppers Bldg. Corp.
P.O., STATE AND ZIP CODE		Pittsburgh, Pa. 15219
POSTAGE		\$
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	\$
	SPECIAL DELIVERY	\$
	RESTRICTED DELIVERY	\$
	OPTIONAL SERVICES	
	RETURN RECEIPT SERVICE	
	SHOW TO WHOM AND DATE DELIVERED	\$
	SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	\$
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	\$	
TOTAL POSTAGE AND FEES		\$
POSTMARK OR DATE		

PS Form 3800, Apr. 1976



CONSOL. GAS SUPPLY CORP. Attn: Prod. Dept. Well 11512



**RECEIVED**

JAN 3 1 1984



OIL & GAS DIVISION  
**DEPT. OF MINES**

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

**Oil and Gas Division**

**WELL RECORD**

Quadrangle PHILIPPI  
Permit No. BAR-608

Rotary XX Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas XX \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Company <u>Consolidated Gas Supply Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Clarksburg, W. Va.</u>				
Farm <u>Anna M. Jones</u> Acres <u>10 1/4</u>	Size			
Location (waters) <u>Tygart River</u>	20-16			
Well No. <u>11512</u> Elev. <u>1951'</u>	Cond.			
District <u>North</u> County <u>Barbour</u>	<del>20-16</del> 11"	20'	20'	To surface
The surface of tract is owned in fee by _____	9 5/8			
Address _____	8 5/8	80 1/4	80 1/4'	To surface
Mineral rights are owned by _____	7			
Address _____	5 1/2			
Drilling Commenced <u>10-4-72</u>	4 1/2			
Drilling Completed <u>10-11-72</u>	3			
Initial open flow <u>373 M</u> cu. ft. _____ bbls.	2			
Final production <u>372 M</u> cu. ft. per day _____ bbls.	Liners Used			
Well open _____ hrs. before test <u>525#</u> RP.				

Well treatment details:  
Well not treated  
Not perforated

Attach copy of cementing record.

Coal was encountered at 300' Feet 72 Inches  
Fresh water 37' 450' Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_  
Producing Sand Gantz Depth 1575-1650'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	300	Water	37' Fresh
Coal			300	306		
Sand & Shale			306	805	Water	450' Fresh
Shale & Red Rock			805	1180		
Shale & Lime			1180	1480		
Sand & Shale			1480	1575		
Gantz Sand			1575	1650'	Gas	1578'
Sand & Shale			1650	2196		
5th Sand			2196	2226		
Sand & Shale			2226	3829		
Sand & Shale			3829	3990		
Benson			3990	4050	Gas	Show Benson
Total Depth				4110'		

Consolidated Gas Supply Corporation  
445 West Main Street  
Clarksburg, W. Va.

All measurements taken from K.F. 9' above G. L.

(over)

\* Indicates Electric Log tops in the remarks section.

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

Haverty, Fourth & Third Elk - Perforations -5262-66, 4863, 4873, 4876, 4880 & 4650. 9 holes.  
70,000# sand, 700 gal. 15% HCL acid and 700 bbls of water.

Second & First Elk & Benson - Perforations -4382, 4270-73, 4160-62, 4096 & 3992-96. 10 holes.  
70,000# sand, 700 gal. 15% HCL acid and 700 bbls. of water.

Riley - Perforations - 3832, 3329, 3768-64 and 3644-39. 11 holes.  
70,000# sand, 700 gal. 15% HCL acid and 650 bbls. of water.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Old Hole					
Sand & Shale			0	300	
Coal			300	306	
Sand & Shale			306	805	
Shale & Red Rock			805	1180	
Shale & Lime			1180	1480	
Sand & Shale			1480	1575	
Gantz Sand			1575	1650	
Sand & Shale			1650	2196	
Fifth Sand			2196	2226	
Sand & Shale			2226	3829	
Sand & Shale			3829	3990	
Benson			3990	4050	
Total Depth of Old Hole				4110	
New Hole					
Shale	Gray		4110	4223	
Sand	Light Gray		4223	4315	
Sand & Shale	Gray		4315	4378	
Sand	Light Gray		4378	4534	
Shale	Dark		4534	4700	
Sand & Shale	Light Gray		4700	4876	
Shale	Dark		4876	5000	
Sand & Shale	Light Gray		5000	5218	
Shale	Dark		5218	5363	
Sand	Light Gray		5363	5385	
Haverty	Dark		5385	5395	
Sand & Shale	Gray		5395	5437	
Sand	Light Gray		5437	5500	
Shale	Dark Gray		5500	5623	T.D.
KBM 10' above G. L.					

(Attach separate sheets as necessary)

Consolidated Gas Transmission Corp.

Well Operator

By: J. L. Swinn / Manager of Production

Date: June 6, 1984

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 all encountered in the drilling of a well."



IV-35  
(Rev 8-81)

RECEIVED  
JUN 2 - 1984

OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia  
Department of Mines  
Oil and Gas Division

Date March 19, 1984  
Operator's  
Well No. 11512  
Farm Anna M. Jones  
API No. 47 - 001 - 0608-DD

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1951' Watershed Tygart River  
District: Philippi County Barbour Quadrangle Audra

COMPANY Consolidated Gas Transmission Corp.  
ADDRESS 445 W. Main St., Clarksburg, WV  
DESIGNATED AGENT L. Joseph Timms, Jr.  
ADDRESS 445 W. Main St., Clarksburg, WV  
SURFACE OWNER Harold H. & Margaret P. Daugherty  
ADDRESS Rt. 2, Box 264, Philippi, WV 26416  
MINERAL RIGHTS OWNER Harold H. Daugherty, Agt.  
ADDRESS Rt. 2, Box 264, Philippi, WV 26416  
OIL AND GAS INSPECTOR FOR THIS WORK Phillip  
Tracy ADDRESS Forest Festival Terrace  
Apt. 24, Elkins, WV 26241  
PERMIT ISSUED February 3, 1984  
DRILLING COMMENCED March 8, 1984  
DRILLING COMPLETED March 11, 1984  
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.			
<u>13-10"</u>		20	To surface
9 5/8			
8 5/8		804	To surface
7			
5 1/2			
4 1/2	5414	5414	500 Sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Haverty Depth 5262-5266 feet  
Depth of completed well 5610 feet Rotary X / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh none feet; Salt \_\_\_\_\_ feet  
Coal seam depths: 300-306 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Haverty, Elks, Benson & Riley Pay zone depth see perf. feet  
Gas: Initial open flow n/a Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 192.3 Mcf/d 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  
(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)

BAR 608

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

RECEIVED

MAR 14 1984

OIL & GAS DIVISION

DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No 001-608

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Consolidated Gas

Address \_\_\_\_\_

Farm Jackson Lewis

Well No 11512

District Phillippi County Barbour

Drilling commenced \_\_\_\_\_

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/4			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks: Starting to move rig

3-8-84  
DATE

Phillips Gray  
DISTRICT WELL INSPECTOR

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

INSPECTOR'S PLUGGING REPORT

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner			Location			Amount			Packer			Location		
PLUGS USED AND DEPTH PLACED						BRIDGES			CASING AND TUBING					
CEMENT-THICKNESS		WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST					

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

DATE \_\_\_\_\_ I hereby certify I visited the above well on this date.

IV-20  
Obverse  
1-84



State of West Virginia

Department of ~~Minerals~~ ENERGY  
Oil and Gas Division  
Charleston 25305

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
June 13, 1984

COMPANY Consolidated Gas Transmission Corp. PERMIT NO 001-0608-DD (2-03-84)  
445 W. Main Street FARM & WELL NO Anna Jones #11512  
Clarksburg, West Virginia 26301 DIST. & COUNTY Philippi/Barbour

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.04	Prepared before Drilling to Prevent Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.03	High-Pressure Drilling	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.01	Required Permits at Wellsite	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.03	Adequate Fresh Water Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.02	Adequate Coal Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.01	Adequate Production Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.04	Adequate Cement Strenght	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.05	Cement Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.02	Maintained Access Roads	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.01	Necessary Equipment to Prevent Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.04	Reclaimed Drilling Pits	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.05	No Surface or Underground Pollution	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.07	Requirements for Production & Gathering Pipelines	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.01	Well Records on Site	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.02	Well Records Filed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.05	Identification Markings	<input checked="" type="checkbox"/>	<input type="checkbox"/>

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED

*[Signature]*

DATE

9-23-85

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

*[Signature]*  
Administrator-Oil & Gas Division

October 9, 1985

DATE

Company CONSOLIDATED GAS SUPPLY CORP.  
 Address CLARKSBURG, W. VA.  
 Farm ANNA M. JONES  
 Tract Acres 104 Lease No. 68925  
 Well (Farm) No. Serial No. 11512  
 Elevation (Spirit Level) 1951'  
 Quadrangle PHILIPPI E.C.  
 County BARBOUR District North Phillippi  
 Engineer Jackson M. Jones  
 Engineer's Registration No. 2397  
 Drawing No. \_\_\_\_\_  
 Date July 18, 1972 Scale 1" = 660'

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

**WELL LOCATION MAP**

FILE NO. Br-608.2D

+ 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.

MAP SHEET 43-B S-26 E-31 F.B. 1624 Pgs. 32-33

- New Location
- Drill Deeper
- Abandonment

Minimum Error of Closure 1' IN 200'  
 Source of Elevation B.M. Road Forks - AUDRA 7 1/2 TOPO MAP  
 ELEVATION - 1947'

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

