



1) Date: July 22, 19 83
 2) Operator's Well No. 11383
 3) API Well No. 47 001 0562-RED.
 State County Permit

DRILLING CONTRACTOR:

S. W. Jack Drilling Co.
Indiana, Pa.

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

- 4) WELL TYPE: A Oil / Gas X /
 B (If "Gas", Production X / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1655' Watershed: Bonica Run
 District: Philippi County: Barbour Quadrangle: Nestorville
- 6) WELL OPERATOR Consolidated Gas Supply Corp. 11) DESIGNATED AGENT L. Joseph Timms, Jr.
 Address 145 West Main Street Address 145 West Main Street
Clarksburg, West Virginia Clarksburg, West Virginia
- 7) OIL & GAS ROYALTY OWNER Wanda B. Humphreys, Agt. 12) COAL OPERATOR None
 Address Rt. 2 Address
Belington, WV 26260
- 8) SURFACE OWNER Kenneth Thorn 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address 314 Old Morgantown Rd. Name Badger Coal Co.
Belington, WV ##### 26260 Address Philippi, WV 26416
 Acreage 1/5 of 95 Name
 Address
- 9) FIELD SALE (IF MADE) TO:
 Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert Stewart
 Address P. O. Box 345
Jane Lew, WV 26378
- 15) PROPOSED WORK: Drill / Drill deeper / Redrill X / Fracture or stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Haverty
- 17) Estimated depth of completed well, 5300 feet
- 18) Approximate water strata depths: Fresh, 60 feet; salt, feet.
- 19) Approximate coal seam depths: Unknown Is coal being mined in the area? Yes / No X /

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 OIL & GAS DIVISION
 DEPT. OF MINES

20) 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						21	To surface	Kinds
Fresh water									
Coal	8 5/8						79 1/2	To surface	Sizes <u>By Rule 15-025</u>
Intermediate									
Production Tubing	1 1/2	K-55	10.5	X		5300	5300	200 Sks.	Depths set <u>OR AS REQ by Rule 15-01</u>
Liners									Perforations: Top Bottom <u>Unknown at this time.</u>

- 21) EXTRACTION 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 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
- 22) ROYALTY PROVISIONS
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing 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.
- 23) Required Copies (See reverse side.)
- 24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: [Signature] Signed: J. C. Swinnery
 My Commission Expires 9/13/86. Its: Manager of Production

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-001-0562-RED Date Aug 12, 1983

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. 10) 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.)

Permit expires August 12, 1985 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>110739</u>
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[Signature]
 Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

DRILLING WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19____

By _____

Its _____

1) Date: July 22, 19 83
 2) Operator's Well No. 11383
 3) API Well No. 47 001 0562 State County Permi

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

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: 1655' Watershed Bonica Run
 District: Philippi County: Barbour Quadrangle: Nestorville
 6) WELL OPERATOR Consolidated Gas Supply Corp. 7) DESIGNATED AGENT L. Joseph Timms, Jr.
 Address 1145 West Main Street Address 1145 West Main Street
Clarksburg, West Virginia Clarksburg, West Virginia
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Robert Stewart Name S. W. Jack Drilling Co.
 Address P. O. Box 345 Address Indiana, Pa.
Jane Lew, WV 26378
 10) PROPOSED WELL WORK: Drill ___ / Drill Deeper ___ / Redrill X / 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 (or actual depth of existing well), 5300 feet
 13) Approximate water strata depths: Fresh, 60 feet; salt, _____ feet.
 14) Approximate coal seam depths: Unknown Is coal being mined in the area? Yes ___ / No X
 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						21	To surface	Kinds	
Fresh water										
Coal	8 5/8						79	To surface	Sizes	
Intermediate										
Production	11 1/2	K-55	10.5	X		5300	5300	200 Sks.	Depths set	
Tubing										
Liners									Perforations:	
									Top	Bottom
									Unknown at	
									this time.	

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application (or less than 5 days if the Application is to plug a well), if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____

Kenneth Thorn Date: 7/29/83
 (Signature)

By _____

Dorothea Thorn Date: 7/29/83
 (Signature)

Its _____ Date: _____

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OIL & GAS DIVISION
 DEPT. OF MINES

INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) Permit will be good for 24 months. See Chapter 22, Article 4 of the W. Va. Code.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, WV 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be personally served or mailed to you on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in Methods for Filing Comments below. (This time is changed to **FIVE (5) DAYS** from the filing date if the permit is only to plug a well.) You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments should include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the Application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

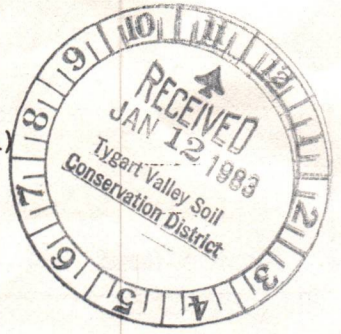
The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

IV-9
(Rev 8-81)



DATE 1-12-83
WELL NO. 11383
API NO. 47 - 001 - 0562-RED

State of West Virginia
Department of Mines
Oil and Gas Division

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 Kenneth Thord 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. Underwood
(SCD Agent)



ACCESS ROAD

LOCATION JUL 27 1983

Structure <u>Road - Existing</u> (A)	Structure <u>Loc - Existing</u> (1)
Spacing _____	Material <u>OIL & GAS DIVISION</u>
Page Ref. Manual _____	Page Ref. Manual <u>DEPT. OF MINES</u>
Structure <u>Culvert - Existing</u> (B)	Structure <u>Drainage Ditch</u> (2)
Spacing _____	Material <u>Earthen</u>
Page Ref. Manual _____	Page Ref. Manual <u>2 - 12</u>
Structure _____ (C)	Structure <u>Pit</u> (3)
Spacing _____	Material <u>Earthen</u>
Page Ref. Manual _____	Page Ref. Manual <u>1:20 - 10</u>

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

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE 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:

Grantor, lessor, etc. Grantee, lessee, etc. Royalty Book Page

1) Date: July 22, 1983
2) Operator's Well No. 11383
3) API Well No. 47 001 0562
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Kenneth Thorn
Address 314 Old Morgantown Rd.
Belington, WV 26260
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR None
Address _____

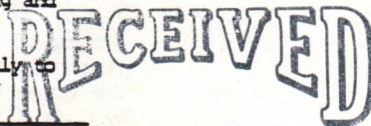
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Badger Coal Co.
Address Philippi, WV 26416

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.



JUL 27 1983

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED 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.

OIL & GAS DIVISION
DEPT. OF MINES

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) EXTRACTION 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 22-4-1-(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. E. Gwinn
this 22 day of July, 1983.
My commission expires Sept 13, 1986.

Jared D. Dudley
Notary Public, Harrison County,
State of West Virginia

WELL OPERATOR Consolidated Gas Supply Corp.

By J. E. Gwinn
Its Manager of Production
Address 145 West Main Street
Clarksburg, West Virginia
Telephone 623-8000

No. 650715

RECEIPT FOR CERTIFIED MAIL

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

SENT TO	Kenneth Thorn
STREET AND NO.	314 Old Morgantown Rd.
P.O., STATE AND ZIP CODE	Belington, WV 26260

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 No. 11383

No. 650716

RECEIPT FOR CERTIFIED MAIL

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

SENT TO	Badger Coal Co.
STREET AND NO.	Philippi, WV 26416
P.O., STATE AND ZIP CODE	

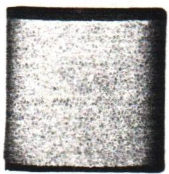
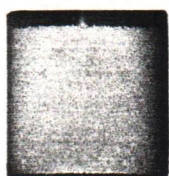
POSTAGE	\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	\$
	SPECIAL DELIVERY	\$
	RESTRICTED DELIVERY	\$
	OPTIONAL SERVICES	
	RETURN RECEIPT SERVICE	
	SHOW TO WHOM AND DATE DELIVERED	\$
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	\$	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$	
SHOW TO WHOM, 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 No. 11383



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

Perforations: 5110 - 5116' with 12 holes.

Fractured with 60,000# sand, 600 bbls. of water & 500 gals. 15% HCL.

Perforations: 4784 - 4786; 4802 - 4804; 4808 and 4818 - 4820' with 7 holes.

Fractured with 60,000# sand, 600 bbls. of water & 700 gals. 15% HCL.

Perforations: 4252; 4408 - 4416 and 4453' with 10 holes.

Fractured with 60,000# sand, 600 bbls. of water & 700 gals. 15% HCL.

Perforations: 3506 - 3510' and 3803 - 3807' with 8 holes.

Fractured with 60,000# sand, 600 bbls. of water & 700 gals. 15% HCL.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Cement & Gel Water				3895	
Sand			3895	5115	
Shale			5115	5310	
Sand			5310	5390	
Sand & Shale			5390	5475	T.D.
KBM 11' above G. L.					
Gamma Ray Tops					
Little Lime			929	946	
Big Lime			981	1105	
Big Injun			1107	1202	
Gantz			1306	1337	
Gantz A			1341	1393	
Fifty Foot			1461	1531	
Thirty Foot			1567	1608	
Gordon Stray			1621	- -	
Gordon			- -	1736	
Fourth			1747	1830	
Fourth A			1836	1877	
Fifth			1885	1931	
Lower Fifth			1941	1964	
Bayard			2001	2033	
Lower Bayard			2040	2083	
Warren			2259	2330	
Upper Speechley			2556	2600	
Speechley			2671	2684	
Balltown			2759	2923	
Bradford			3038	3179	
Riley			3442	3601	
Benson			3801	3865	
First Elk			4013	4114	
Second Elk			4194	4418	
Third Elk			4433	4583	
Fourth Elk			4783	4877	
Haverty			5134	5249	
Fox			5341	5349	
Total Depth				5473	

(Attach separate sheets as necessary)

Consolidated Gas Supply Corp.

Well Operator

By: J. E. Gwin Manager of Prod.

Date: October 25, 1983

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."



IV-35
(Rev 8-81)

RECEIVED
OCT 27 1983

Date October 21, 1983
Operator's
Well No. 11383
Farm Octavia Boyles
API No. 47 - 001 - 0562-RED

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

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

LOCATION: Elevation: 1655' Watershed Bonica Run
District: Philippi County Barbour Quadrangle Nestorville

COMPANY Consolidated Gas Supply Corp.

ADDRESS 145 W. Main St., Clarksburg, WV

DESIGNATED AGENT L. Joseph Timms, Jr.

ADDRESS 145 W. Main St., Clarksburg, WV

SURFACE OWNER Kenneth Thorn

ADDRESS 314 Old Morgantown Rd., Belington, WV 26260

MINERAL RIGHTS OWNER Wanda B. Humphreys, Agent

ADDRESS Rt. 2, Belington, WV 26260

OIL AND GAS INSPECTOR FOR THIS WORK Robert

Stewart ADDRESS P. O. Box 345
Jane Lew, WV 26378

PERMIT ISSUED August 12, 1983

RE-DRILLING COMMENCED August 29, 1983

RE-DRILLING COMPLETED September 3, 1983

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"		21	To surface
9 5/8			To surface
8 5/8		79 1/2	To surface
7			
5 1/2			
4 1/2	5268	5268	400 Sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Haverty Depth 5131-5219 feet

Depth of completed well 5173 feet Rotary X / Cable Tools

Water strata depth: Fresh 60 feet; Salt feet

Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Riley, Benson, 2nd, 3rd & 4th Elk & Haverty Pay zone depth see perf. feet

Gas: Initial open flow 53 Mcf/d Oil: Initial open flow Bbl/d

Final open flow 251 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests 2 hours

Static rock pressure 1150 psig (surface measurement) after 18 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)

PAR. 0562 RED.

are sheet 2-1-80

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NOV 22 1971

FORM 00-6

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

OIL & GAS DIVISION
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT. ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

No Operations
COAL OPERATOR OR OWNER

Consolidated Gas Supply Corp
NAME OF WELL OPERATOR

ADDRESS

COMPLETE ADDRESS

No Coal
COAL OPERATOR OR OWNER

WELL AND LOCATION 19

ADDRESS

Bridgeport District

Albert R. McCartney
LEASE OR PROPERTY OWNER

Barbour County

Route #1, Grafton, W. Va.
ADDRESS

Well No. 11383

Octavia Boyles Farm

STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Harrison } ss:

Donald O. Kaus and Leon C. Butler
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidated Gas Supply Corporation well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 13th day of November, 1971, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSS PULLED	CSS LEFT IN
3895 - 3810	Aquagel		11-5/16"	
3810 - 3750	Cement		none	21' SLM
3750 - 2700	Aquagel			
2700 - 2600	Cement		8-5/8"	
2600 - 815	Aquagel		none	794' SLM
815 - 770	Cement			
770 - 300	Aquagel			
300 - Surf	Cement			
COAL BEAMS		DESCRIPTION OF MONUMENT		
(NAME)		6" x 13" Pipe Marker bearing the inscription CGSC 11383		
(NAME)				
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 13th day of November, 1971

And further deponents saith not.

Sworn to and subscribed before me this 17 day of November, 1971

Donald O. Kaus
Leon C. Butler
Attorney L. White

Notary Public.

Permit No. BAR 562-P

My commission expires: March 15, 1980

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

RECEIVED

SEP 8 - 1983

INSPECTOR'S WELL REPORT
OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 001-562

Oil or Gas Well _____
(KIND)

Company <u>Consolidated Gas Supply</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size _____		
Farm _____	16 _____			Kind of Packer _____
Well No. <u>11383</u>	13 _____			Size of _____
District <u>Cove</u> County <u>Barbour</u>	10 _____			
Drilling commenced _____	8 1/4 _____			Depth set _____
Drilling completed _____ Total depth _____	6 1/4 _____			
Date shot _____ Depth of shot _____	5 3/16 _____			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3 _____			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2 _____			Perf. top _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES FEET _____ INCHES			
	_____ FEET _____ INCHES FEET _____ INCHES			

Drillers' Names _____

Remarks: Starting to mill 1" pipe

Aug 30 83
DATE

Phillip Long
DISTRICT WELL INSPECTOR

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

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SEP 13 1983

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

562
Permit No. 201-526 Redull

Oil or Gas Well _____
(KIND)

Company <u>Consolidated Gas</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. <u>11383</u>	13			
District <u>Cove</u> County <u>Barbour</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Starting to run 4 1/2

Sept 9 83
DATE

Philip Dwyer
DISTRICT WELL INSPECTOR

1 OCT 85 1:07

REC'D - CHAS.

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES *ENERGY*
 OIL AND GAS DIVISION
FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

Permit No. 001-0562-RED

County Barbour

Company Consolidated Gas Supply Corp.

District Philippi

Inspector PHILLIP TRACY

Farm Kenneth Thorn

Date November 1, 1983

Well No. 11383 Issued 8-12-83

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"/>
.01	Required permits at wellsite	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.03	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 strength	<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"/>
23.03	Reclaimed drilling site	<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"/>
7.05	Identification markings	<input checked="" type="checkbox"/>	<input type="checkbox"/>

COMMENTS:

I have inspected the above well and have found it to be in compliance with the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia, and the well can be released from the permitted work.

9-23-85

SIGNED: *Phillip Tracy*

DATE: _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS
 1615 Washington Street, East
 Charleston, West Virginia 25311
 Telephone: 348-3500

October 9, 1985

ARCH A. MOORE, JR.
 Governor

Consolidated Gas Supply Corporation
 445 West Main Street
 Clarksburg, West Virginia 26301

In Re: Permit No: 47001-0562-RED (8-12-83)
 Farm: Kenneth Thorn
 Well NO: 11383
 District: Philippi
 County: Barbour
 Issued: 8-12-83

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. ONLY the Column checked below applies:

 The well designated by the above captioned permit number has been released under your Blanket Bond.

 Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that executed said bond in your behalf, in order that they may give you credit on their records.

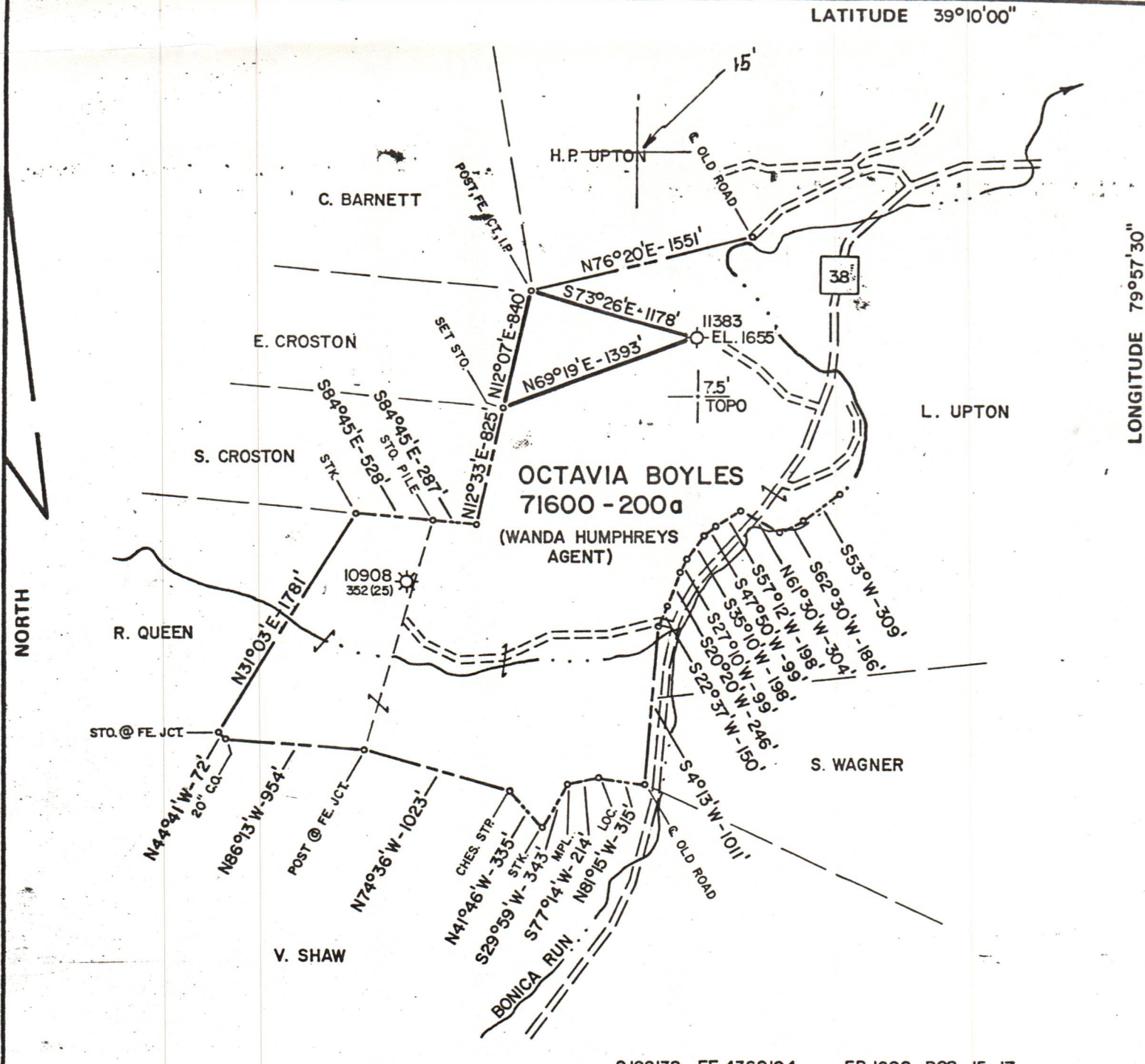
 Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above captioned well will remain under ~~XXXX~~ bond coverage for life of the well.

 PERMIT CANCELLED - NEVER DRILLED

Respectively,

Theodore M. Streit

TMS/nw



Q122132 FF 4360194 FB 1600 PGS. 15-17

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION U.E. EAST END CO. RT. 38/9 BRIDGE OVER LAUREL CRK. EL. 1528'

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) Donall M. Radcliffe
 R.P.E. _____ L.L.S. 74

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6 (8-78)



DATE 01-21- 19 83
 OPERATOR'S WELL NO. 11383
 API WELL NO. 47-001-0562-RED
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

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

LOCATION: ELEVATION 1655' WATER SHED BONICA RUN
 DISTRICT PHILIPPI COUNTY BARBOUR
 QUADRANGLE NESTORVILLE 7.5'

SURFACE OWNER KENNETH THORN 4/5 INTEREST ACREAGE 95
 OIL & GAS ROYALTY OWNER OCTAVIA BOYLES (WANDA HUMPHREYS AGT) LEASE ACREAGE 200
 LEASE NO. 71600

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL X 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 _____ ESTIMATED DEPTH _____
 WELL OPERATOR CON. GAS SUPPLY CORP DESIGNATED AGENT L.J. TIMMS JR.
 ADDRESS 445 W. MAIN ST. ADDRESS 445 W. MAIN ST.