



1) Date: January 19, 1984  
 2) Operator's Well No. 3 - 1985  
 3) API Well No. 47 - 001 - 2027  
 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  /  
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow )
- 5) LOCATION: Elevation: 1663' Watershed: Hackers Creek  
 District: Elk County: Barbour Quadrangle: Philippi
- 6) WELL OPERATOR Union Drilling, Inc. 7) DESIGNATED AGENT Joseph C. Vanzant, Jr.  
 Address Post Office Drawer 40 Address Post Office Drawer 40  
Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Phillip Tracy Name Union Drilling, Inc.  
 Address Forest Festival Terrace, Apt. 24 Address Post Office Drawer 40  
Elkins, WV 26241 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate   
 Plug off old formation  / Perforate new formation   
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Benson
- 12) Estimated depth of completed well, 4000' feet
- 13) Approximate trata depths: Fresh, ? feet; salt, ? feet.
- 14) Approximate coal seam depths: ? Is coal being mined in the area? Yes

**RECEIVED**  
 JAN 23 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		32		X	30'	30'		Kinds
Fresh water									Sizes
Coal									Depths set
Intermediate	8-5/8		23		X	1000'	1000'	<del>210 sacks</del> <b>CTS NEAT</b>	Perforations:
Production	4-1/2	J	10 1/2	X		4000'	4000'	800 sacks or <b>as required</b>	Top Bottom
Tubing									
Liners									

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-001-2027 Date February 8, 1984

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 8, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <b>BLANKET</b>	Agent: <u>LA</u>	Plat: <u>MH</u>	Casing <u>MH</u>	Fee <u>013-366</u>
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*[Signature]*  
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File



OFFICE USE ONLY

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

1) Date: \_\_\_\_\_

2) Operator: \_\_\_\_\_

3) Well No.: \_\_\_\_\_

4) API Well No.: \_\_\_\_\_

5) State: \_\_\_\_\_

6) County: \_\_\_\_\_

7) Designated Agent: \_\_\_\_\_

8) Oil & Gas Inspector to be notified: \_\_\_\_\_

9) Drilling Contractor: \_\_\_\_\_

10) Proposed Well Work: \_\_\_\_\_

11) Geological Target Formation: \_\_\_\_\_

12) Estimated depth of completed well: \_\_\_\_\_

13) Approximate true depth: \_\_\_\_\_

14) Approximate coal seam depth: \_\_\_\_\_

15) Casing and Tubing Program: \_\_\_\_\_

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: \_\_\_\_\_

Blanket	Area	Plant	Casing	Fee

NOTE: Keep one copy of this permit posted at the drilling location.

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2) Operator's Well No. 3 - 1985  
3) API Well No. 47-001-2027  
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 Marshall L. Poling  
Address Route 2  
Belington, WV 26250  
(ii) Name  
Address  
(iii) Name  
Address

5(i) COAL OPERATOR  
Address

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Consolidation Coal Company  
Address Post Office Box 1632  
Fairmont, WV 26554  
Name King Knob Coal Company  
Address Box 268  
Clarksburg, WV 26301

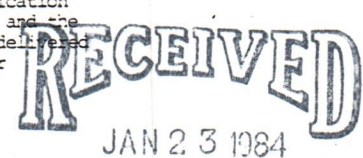
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name  
Address

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 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.

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 **XX**

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

OIL & GAS DIVISION  
DEPT. OF MINES

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

Joseph C. Pettey

this 19 day of January, 1984.

My commission expires 3/19, 1991.

Notary Public, Upshur County, State of West Virginia

WELL

OPERATOR Union Drilling, Inc.

By Its Vice President of Production

Address Post Office Drawer 40  
Buckhannon, WV 26201

Telephone 304-472-4610

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)

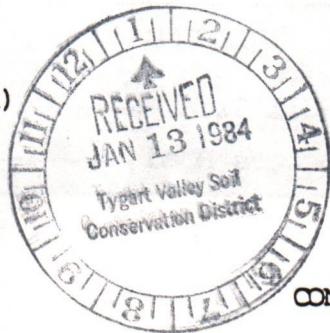
Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (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:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
Guy Golden, et. al.	Cumberland and Allegheny	1/8	40/244
Cumberland and Allegheny	Union Drilling, Inc.		46/347



IV-9  
(Rev 8-81)



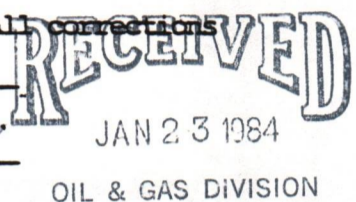
State of West Virginia  
Department of Mines  
Oil and Gas Division

DATE 1-9-84  
WELL NO. 1985 #3  
API NO. 47-001-2027

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Union Drilling, Inc. DESIGNATED AGENT Joseph C. Vanzant, Jr.  
Address P. O. Drawer 40, Buckhannon, WV Address P. O. Drawer 40, Buckhannon, WV 26201  
Telephone 472-4610 Telephone 472-4610  
LANDOWNER Gay Poling + Virginia Lee Campbell SOIL CONS. DISTRICT Tygart Valley  
Revegetation to be carried out by Union Drilling, Inc. (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections  
and additions become a part of this plan: 1/16/84 (Date)  
Jean Freeman (SCD Agent)



ACCESS ROAD

LOCATION DEPT. OF MINES

Structure Culvert Pipe (12" Min) (A)  
Spacing At Natural Drains  
Page Ref. Manual \_\_\_\_\_  
Structure Cross Drains (B)  
Spacing 250' + -  
Page Ref. Manual \_\_\_\_\_  
Structure Roadway Ditch (C)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure Diversion Ditch (1)  
Material Earthen  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (2)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (3)  
Material \_\_\_\_\_  
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 2 Tons/acre  
Seed\* Ky-31 30 lbs/acre  
Birdsfoot 10 lbs/acre  
Domestic Rye 10 lbs/acre

Lime 3 Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch 2 Tons/acre  
Seed\* Ky-31 30 lbs/acre  
Birdsfoot 10 lbs/acre  
Domestic Rye 10 lbs/acre

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

PLAN PREPARED BY Danny O Morgan  
ADDRESS P. O. Drawer 40, Buckhannon, WV 26201  
PHONE NO. (304) 472-4610

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

P 471 413 910

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Consolidation Coal Company	
Street and No. Post Office Box 1632	
P.O., State and ZIP Code Fairmont, WV 26554	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	JAN 20 1984 WV

PS Form 3800, Feb. 1982

P 471 413 913

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to King Knob Coal Company	
Street and No. Box 268	
P.O., State and ZIP Code Clarksburg, WV 26301	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	JAN 20 1984 BUCKHANNON

PS Form 3800, Feb. 1982

P 471 413 912

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Marshall L. Poling	
Street and No. Route 2	
P.O., State and ZIP Code Belington, WV 26250	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	JAN 20 1984 WV

PS Form 3800, Feb. 1982

RECEIVED

APR 19 1984



IV-35 (Rev 8-81)

OIL & GAS DIVISION DEPT. OF MINES State of West Virginia Department of Mines Oil and Gas Division

Date April 12, 1984 Operator's Well No. 3 - 1985 Farm Buehl-Golden #3 API No. 47 - 001 - 2027

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 / Underground Storage / Deep / Shallow x /)

LOCATION: Elevation: 1663' Watershed Hackers Creek District: Elk County Barbour Quadrangle Philippi

COMPANY UNION DRILLING, INC. ADDRESS P.O. Drawer 40, Buckhannon, WV 26201 DESIGNATED AGENT Joseph C. Vanzant, Jr. ADDRESS P.O. Drawer 40, Buckhannon, WV 26201 SURFACE OWNER Marshall Poling ADDRESS Rt#2, Flemington, WV 26250 MINERAL RIGHTS OWNER Guy Golden ADDRESS Belington, WV 26250 OIL AND GAS INSPECTOR FOR THIS WORK Phil Tracy ADDRESS Gen. Del. Ellamore, WV 26267 PERMIT ISSUED 2/8/84 DRILLING COMMENCED 2/13/84 DRILLING COMPLETED 2/19/84

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 13-10", 9 5/8, 8 5/8 (1047.85', 295 cf), 7, 5 1/2, 4 1/2 (4804.55', 736 cf), 3, 2, and Liners used.

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

GEOLOGICAL TARGET FORMATION Benson Depth 4000' feet Depth of completed well 4870' feet Rotary x / Cable Tools Water strata depth: Fresh 250' feet; Salt Coal seam depths: 227/231' 444/449' Is coal being mined in the area? no

OPEN FLOW DATA Producing formation Benson Pay zone depth 4684' feet Gas: Initial open flow show Mcf/d Oil: Initial open flow Bbl/d Final open flow 1050 Mcf/d Oil: Final open flow Bbl/d Time of open flow between initial and final tests 2 hours Static rock pressure 1600 psig (surface measurement) after 24 hours shut in (If applicable due to multiple completion--)

(Continue on reverse side)



RECEIVED  
APR 10 1984  
DEPT. OF MINES

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

Dowell - 1 stage Foam Frac - 4/5/84

4676/84 - Benson - 60,000# 20/40 sand, 303 Bbls water and 731,750 scf nitrogen

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Dirt			0	15	
Sand & Shale			15	227	
Coal			227	231	
Sand & Shale			231	260	1/2" stream water @250'
Red Rock			260	270	
Sand & Shale			270	444	
Coal			444	449	
Sand & Shale			449	1753	
Little Lime			1753	1767	
Big Lime			1785	1866	
Injun			1866	1916	
Weir			2129	2143	
Gantz			2163	2184	
5th Sand			2672	2738	
Riley			4344	4357	
Benson			4657	4692	
				4870'	T.D. Gas Show at T.D.

(Attach separate sheets as necessary)

UNION DRILLING, INC.

Well Operator

By: Joseph C. Pettey  
Date: Joseph C. Pettey, Vice President of Production

4/12/84

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)

State of West Virginia  
Department of Mines  
Oil and Gas Division

Date April 12, 1984  
Operator's  
Well No. 3 - 1985  
Farm Buehl-Golden #3  
API No. 47 - 001 - 2027

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 \_\_\_ / Underground Storage \_\_\_ / Deep \_\_\_ / Shallow x /)

LOCATION: Elevation: 1663' Watershed Hackers Creek  
District: Elk County Barbour Quadrangle Philippi

COMPANY UNION DRILLING, INC.  
ADDRESS P.O. Drawer 40, Buckhannon, WV 26201  
DESIGNATED AGENT Joseph C. Vanzant, Jr.  
ADDRESS P.O. Drawer 40, Buckhannon, WV 26201  
SURFACE OWNER Marshall Poling  
ADDRESS Rt#2, Flemington, WV 26250  
MINERAL RIGHTS OWNER Guy Golden  
ADDRESS Belington, WV 26250  
OIL AND GAS INSPECTOR FOR THIS WORK \_\_\_\_\_  
Phil Tracy ADDRESS Gen. Del. Ellamore, WV 26267  
PERMIT ISSUED 2/8/84  
DRILLING COMMENCED 2/13/84  
DRILLING COMPLETED 2/19/84  
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"	26'		
9 5/8			
8 5/8	1047.85'		295 cf
7			
5 1/2			
4 1/2	4804.55'		736 cf
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Benson Depth 4000' feet  
Depth of completed well 4870' feet Rotary x / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 250' feet; Salt \_\_\_\_\_ feet  
Coal seam depths: 227/231' 444/449' Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Benson Pay zone depth 4684' feet  
Gas: Initial open flow show Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 1050 Mcf/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 2 hours  
Static rock pressure 1600 psig (surface measurement) after 24 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)

1985

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

Dowell - 1 stage Foam Frac - 4/5/84

4676/84 - Benson - 60,000# 20/40 sand, 303 Bbls water and 731,750 scf nitrogen

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FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
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Sand & Shale			270	444	
Coal			444	449	
Sand & Shale			449	1753	
Little Lime			1753	1767	
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UNION DRILLING, INC.

Well Operator

By: Joseph C. Pettey  
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4/12/84

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"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 MINES  
OIL AND GAS WELLS DIVISION

RECEIVED  
FEB 29 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 001-2027

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

Company Uran Drillig  
 Address \_\_\_\_\_  
 Farm Guy Golden  
 Well No. 3-1985  
 District Elk 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 5/8			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: Buddy local

2-24-84  
DATE

Phillip Tracy  
DISTRICT WELL INSPECTOR



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

RECEIVED

MAR 22 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT. OF MINES  
Oil or Gas Well  
(KIND)

Permit No. 001-2027

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Union Drilling</u>	Size			
Address _____	16			Kind of Packer _____
Farm <u>Guy Holden</u>	13			
Well No <u>3-1985</u>	10			Size of _____
District <u>Elk</u> County <u>Barbour</u>	8 1/4			
Drilling commenced _____	6 3/4			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
Volume _____ Cu. Ft.				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:

moved rig

3-13-84

DATE

Phillip Tracy

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.

DISTRICT WELL INSPECTOR



**RECEIVED**  
NOV 19 1984

State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305

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

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
May 1, 1984

COMPANY Union Drilling, Inc.  
P. O. Drawer 40  
Buckhannon, West Virginia 26201

PERMIT NO 001-2027  
FARM & WELL NO Buehl-Golden #3  
DIST. & COUNTY Elk/Barbour

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

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

SIGNED *David B. Ellis*

DATE 11-16-84

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.

*T. H. v. B.*  
Administrator-Oil & Gas Division

December 17, 1984

DATE



**RECEIVED**  
MAY 16 1984

1.0 API well number: (If not available, leave blank. 14 digits.)	47-001-2027								
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	Section of NGPA: <u>103</u> Category Code: <u>N/A</u>								
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	4684' feet								
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name: <u>Union Drilling, Inc.</u> Seller Code: <u>019434</u> P.O. Drawer 40 Street: _____ City: <u>Buckhannon,</u> State: <u>WV</u> Zip Code: <u>26201</u>								
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Field Name: <u>Elk District</u> County: <u>Barbour</u> State: <u>WV</u>								
(b) For OCS wells:	Area Name: _____ Block Number: _____ Date of Lease: _____ Mo. Day Yr. OCS Lease Number: _____								
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>Buehl-Golden #3</u> <u>1985</u>								
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	_____								
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Name: <u>Consolidated Gas Supply Corp.</u> Buyer Code: <u>004228</u>								
(b) Date of the contract:	Mo. Day Yr. _____								
(c) Estimated annual production:	<u>not in production</u> MMcf.								
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">(a) Base Price (\$/MMBTU)</th> <th style="width:25%;">(b) Tax</th> <th style="width:25%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:25%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="text-align:center;"><u>2.879</u></td> <td style="text-align:center;">---</td> <td style="text-align:center;">---</td> <td style="text-align:center;"><u>2.879</u></td> </tr> </tbody> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	<u>2.879</u>	---	---	<u>2.879</u>
(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)						
<u>2.879</u>	---	---	<u>2.879</u>						
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td style="text-align:center;"><u>2.879</u></td> <td style="text-align:center;">---</td> <td style="text-align:center;">---</td> <td style="text-align:center;"><u>2.879</u></td> </tr> </tbody> </table>	<u>2.879</u>	---	---	<u>2.879</u>				
<u>2.879</u>	---	---	<u>2.879</u>						
9.0 Person responsible for this application:	Name: <u>Joseph C. Pettey</u> Title: <u>Vice President of Production</u> Signature: <u>Joseph C. Pettey</u> Date Application is Completed: <u>APR 16 1984</u> Phone Number: <u>(304) 472-4610</u>								

Agency Use Only
Date Received by Juris. Agency <b>MAY 16 1984</b>
Date Received by FERC

PARTICIPANTS:

DATE: JUN 14 1984

BUYER-SELLER

WELL OPERATOR:

Union Drilling, Inc.

FIRST PURCHASER:

Consolidated Gas Transmission

OTHER:

W. Va. Department of Mines, Oil & Gas Division  
WELL DETERMINATION FILE NUMBER

840.516 - 103-001 = 2027

Use Above File Number on all Communications  
Relating to Determination of this Well

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 \_\_\_\_\_ Items not completed - Line No. \_\_\_\_\_
- 2. IV-1 Agent \_\_\_\_\_
- 3. IV-2 Well Permit \_\_\_\_\_
- 4. IV-6 Well Plat \_\_\_\_\_
- 5. IV-35 Well Record \_\_\_\_\_ Drilling \_\_\_\_\_ Deepening \_\_\_\_\_
- 6. IV-36 Gas-Oil Test: Gas Only \_\_\_\_\_ Was Oil Produced? \_\_\_\_\_ Ratio \_\_\_\_\_
- 7. IV-39 Annual Production \_\_\_\_\_ years
- 8. IV-40 90 day Production \_\_\_\_\_ Days off line: \_\_\_\_\_
- 9. IV-48 Application for certification. Complete? \_\_\_\_\_
- 10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? \_\_\_\_\_ Affidavit Signed \_\_\_\_\_
- 18-26. Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_  
Structure Map \_\_\_\_\_ 1: 4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_  
Gas Analyses \_\_\_\_\_
- (5) Date commenced: \_\_\_\_\_ Date completed \_\_\_\_\_ Deepened \_\_\_\_\_
- (5) Production Depth: \_\_\_\_\_
- (5) Production Formation: \_\_\_\_\_
- (5) Final Open Flow: \_\_\_\_\_
- (5) After Frac. R. P. \_\_\_\_\_
- (6) Other Gas Test: \_\_\_\_\_
- (7) Avg. Daily Gas from Annual Production: \_\_\_\_\_
- (8) Avg. Daily Gas from 90-day ending w/1-120 days \_\_\_\_\_
- (8) Line Pressure: \_\_\_\_\_ PSIG from Well \_\_\_\_\_
- (9) Oil Production: \_\_\_\_\_ From Completion Report \_\_\_\_\_
- 10-17. Does lease inventory indicate enhanced recovery being done \_\_\_\_\_
- 10-17. Is affidavit signed? \_\_\_\_\_ Notarized? \_\_\_\_\_
- Does official well record with the Department confirm the submitted information? \_\_\_\_\_
- Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
- Was Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_

Date: April 12, 19 84

Operator's  
Well No. 3 - 1985

API Well No. 47 - 001 - 2027  
State County Permit

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

WELL OPERATOR'S REPORT  
OF  
INITIAL GAS-OIL RATIO TEST

WELL OPERATOR Union Drilling, Inc. DESIGNATED AGENT Joseph C. Vanzant, Jr.  
Address P.O. Drawer 40 Address P.O. Drawer 40  
Buckhannon, WV 26201 Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION: Benson Depth 4000' feet  
Perforation Interval 4676/4684 feet

GUIDELINES FOR TESTING:

- 1 - A minimum of gas vented or flared
- 2 - A 24 hour preflow into pipelines or tanks
- 3 - Uniform producing rate during the 24 hour test per test period
- 4 - Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 21.01)
- 5 - Separate Form IV-36 for each producing formation in a multiple completion

TEST DATA

Start of Test-Date <u>4/11/84</u>	Time	End of Test-Date <u>4/12/84</u>	Time	Duration of Test <u>24 hrs</u>
Tubing Pressure	Casing Pressure <u>1600#</u>	Separator Pressure	Separator Temperature	
Oil Production During Test bbls.	Gas Production During Test <u>1050</u> Mcf	Water Production During Test & Salinity bbls. ppm.		
Oil Gravity	API	Producing Method (Flowing, pumping, gas lift, etc.) <u>flowing</u>		

Gas Production

Measurement Method Flange Tap <input type="checkbox"/> Pipe Tap <input type="checkbox"/> L-10 <input type="checkbox"/>	Positive Choke <input type="checkbox"/>
Orifice Diameter	Critical Flow Prover <input type="checkbox"/>
Differential Pressure Range	Nominal Choke Size - In.
Differential	Prover & Orifice Diam. - In.
Gas Gravity (Air-1.0)	Gas Gravity (Air-1.0) Measured Estimated
24 Hour Coefficient	Gas Temperature _____ OF
	24 Hour Coefficient
	Pressure- _____ psia

TEST RESULTS

Daily Oil bbls.	Daily Water bbls.	Daily Gas Mcf.	Gas-Oil Ratio <u>100% gas</u> SCF/STB
--------------------	----------------------	-------------------	---

Union Drilling, Inc.  
Well Operator  
By: Joseph C. Petty  
Its: Joseph C. Petty, Vice President of  
Production

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

Date April 12, 19 84

Operator's Well No. 3 - 1985

STATE APPLICATION FOR  
WELL CLASSIFICATION

API Well No. 47 - 001 - 2027  
State County Permit

Previous File No. \_\_\_\_\_  
(If Applicable)

WELL OPERATOR UNION DRILLING, INC.  
ADDRESS P. O. Drawer 40  
Buckhannon, WV 26201

DESIGNATED AGENT Joseph C. Vanzant, Jr.  
ADDRESS P. O. Drawer 40  
Buckhannon, WV 26201

Gas Purchase Contract No. \_\_\_\_\_ and DATE \_\_\_\_\_  
Meter Chart Code \_\_\_\_\_ (Month, day and year)

Name of First Purchaser Consolidated Gas Supply Corp.  
445 West Main Street  
(Street or P.O. Box)  
Clarksburg, WV 26301  
(City) (State) (Zip Code)

FERC Seller Code 019434 FERC Buyer Code 004228

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.)
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

103 Section of NGPA N/A Category Code

Joseph C. Pettey, Vice President of Prod.  
Name (Print) Title  
Joseph C. Pettey  
Signature  
P. O. Drawer 40  
Street or P.O. Box  
Buckhannon WV 26201  
City State (Zip Code)  
( 304 ) 472-4610  
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)  
MAILED CERTIFIED NO. 2471 411 991  
DATE APR 16 1984

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request,  for certification of the above described well as meeting the requirements of Section \_\_\_\_\_ under the Natural Gas Policy Act of 1978, (NGPA);  or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA);  or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. \_\_\_\_\_.

Initial review of information submitted indicates the well  is,  is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

MAY 16 1984

Date received by  
Jurisdictional Agency

By [Signature]  
Title \_\_\_\_\_  
Director

MAY 1 6 1984

*[Handwritten signature]*



**Interim Collection—First FERC Filing  
[Pending Jurisdictional Agency Determination]  
To be Filed With FERC On Or After Date Of State Filing**

**1, Joseph C. Pettey,** Vice President of Production, **Union Drilling, Inc.,** being first duly sworn, depose and say that:

1. I believe in good faith that the natural gas for which interim collections are being made is eligible under NGPA and Subchapter H., Title 18, Code of Federal Regulations for a maximum lawful price not less than that to be collected;

2. A duplicate of FERC Form 121 submitted to the jurisdictional agency is enclosed;

3. I certify that I have this day served a copy of the foregoing document upon the purchaser, if any, of such natural gas;

4. That interim collections hereunder will be placed in escrow to the extent required by 18 CFR 273.302(c).

**UNION DRILLING, INC.**  
Post Office Drawer 40  
Buckhannon, West Virginia 26201

*Joseph C. Pettey*

**Joseph C. Pettey,** Vice President of Production

Subscribed and sworn to before me this 17<sup>th</sup> day of April, 1984.

*A. Bradford Zimmerman*

**Notary Public**

County of Upshur  
State of West Virginia

My commission expires:

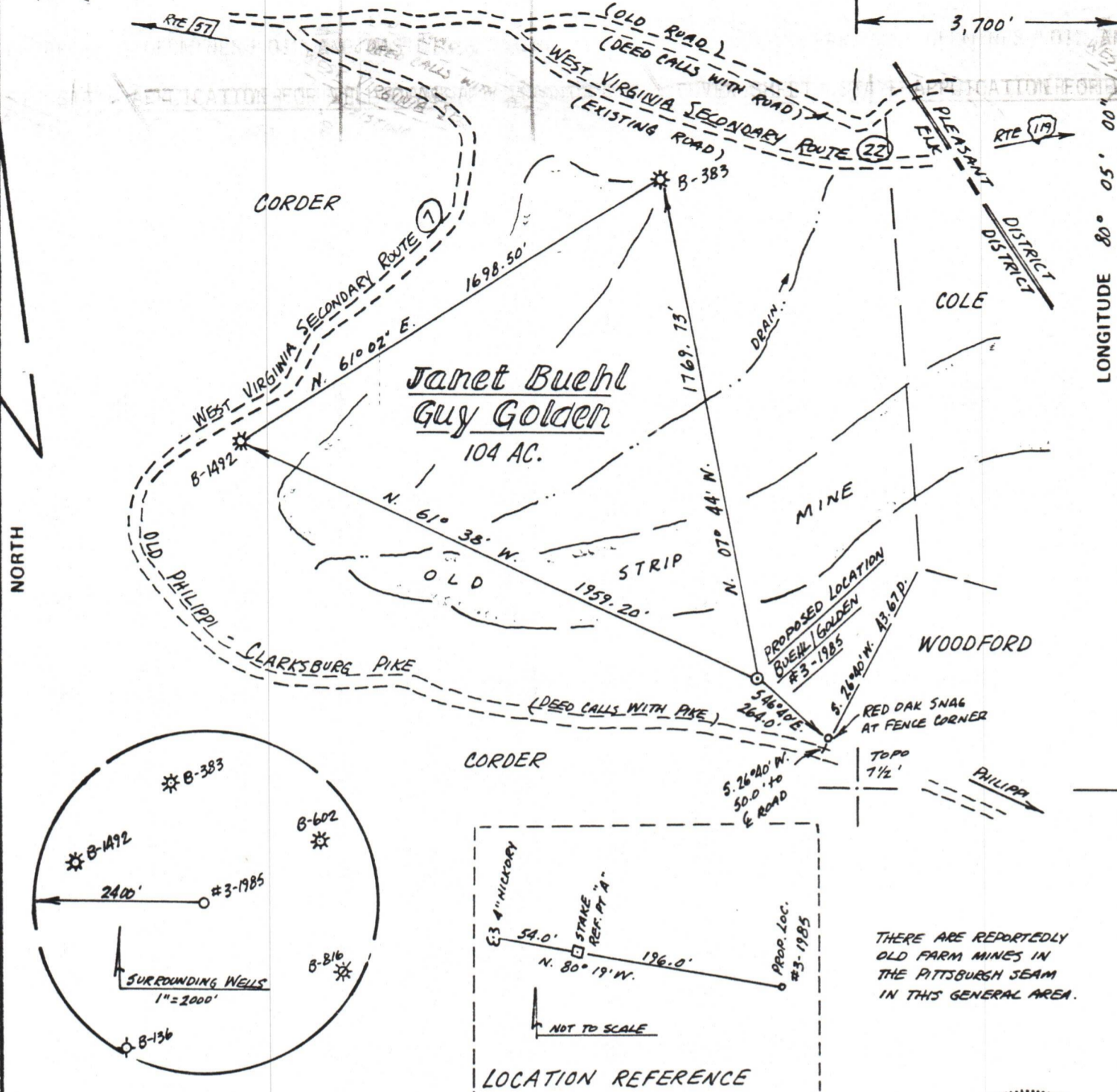
March 3

, 1991.



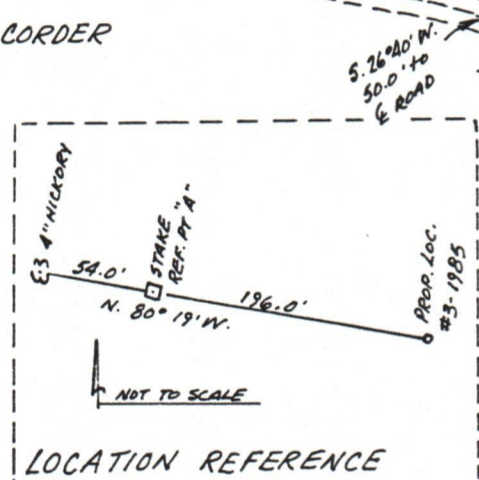
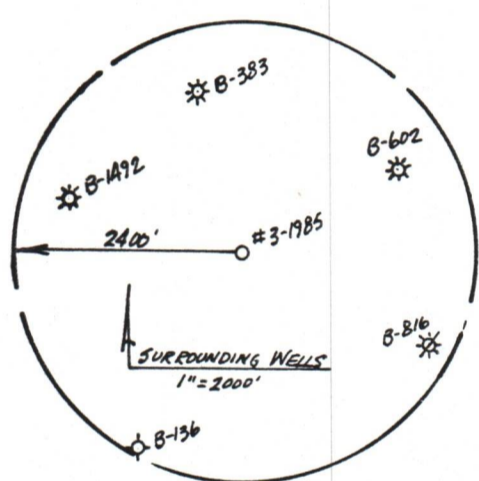






NORTH

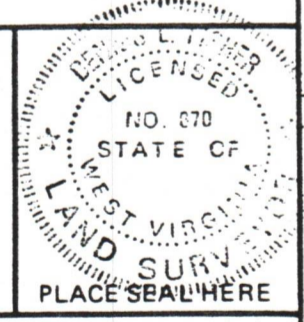
LONGITUDE 80° 05' 00"



THERE ARE REPORTEDLY OLD FARM MINES IN THE PITTSBURGH SEAM IN THIS GENERAL AREA.

FILE NO. UDI - 04  
 DRAWING NO. UDI - 04 - 01  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 IN 2500  
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION ELEV. 1613, 3600' SE OF PROPOSED LOCATION

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) Dennis L. Fisher  
 R.P.E. \_\_\_\_\_ L.L.S. 670



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE JANUARY 3, 19 84  
 OPERATOR'S WELL NO. BUEHL/GOLDEN  
 API WELL NO. #3-1985  
47 - 001 - 2027  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 1663 WATER SHED HACKERS CREEK  
 DISTRICT ELK COUNTY BARBOUR  
 QUADRANGLE PHILIPPI (7 1/2')  
 SURFACE OWNER GAY POLING & VIRGINIA LEE CAMPBELL ACREAGE 104  
 OIL & GAS ROYALTY OWNER JANET BUEHL & GUY GOLDEN LEASE ACREAGE 104  
 LEASE NO. 8999  
 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 BENSON ESTIMATED DEPTH 4000'  
 WELL OPERATOR UNION DRILLING, INC. DESIGNATED AGENT JOSEPH C. YANEANT, JR  
 ADDRESS PO DRAWER 40 ADDRESS PO DRAWER 40  
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201