



1) Date: October 13, 19 83  
 2) Operator's Well No. Lincicome #3  
 3) API Well No. 47 - 107 - 1291  
 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: 840' Watershed: Lost Run  
 District: Walker County: Wood Quadrangle: Kanawha 7.5'
- 6) WELL OPERATOR Rimrock Production Corp.  
 Address 4424 B Emerson Avenue  
Parkersburg, WV 26104
- 7) DESIGNATED AGENT Robert L. Murdock  
 Address 4424 B Emerson Avenue  
Parkersburg, WV 26104
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Jerry Tephacock  
 Address Rt. 1, Box 101-A  
Ripley, WV 25271
- 9) DRILLING CONTRACTOR:  
 Name FWA Drilling Company, Inc.  
 Address P. O. Box 448  
Elkview, WV 25071
- 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, Berea Sand
- 12) Estimated depth of completed well, 2500 feet
- 13) Approximate trata depths: Fresh, 100 feet; salt, 1700 feet.
- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes  No

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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									Kinds
Fresh water	8-5/8	J	23#	X		260'	260'	Circ. to Sur.	By Rule 15-05
Coal								70 Sks.	Sizes
Intermediate									
Production	4-1/2	J	10.5	X		None	2500'	300 Sks.	Depths set
Tubing	2-3/8	H	4.6	X		None	2450'	None	
Liners									Perforations: Estimated
									Top Bottom
									2502 2508

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-107-1291 Date October 24, 19 83

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 October 24, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing:	Fee:
<b>BLANKET BOND</b>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	2243

*[Signature]*  
 Administrator, Office of Oil and Gas

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



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

1) WELL LOCATION: B (L) Gas, Production

2) LOCATION: Division: 6401, County: WALKER, District: WOOD

3) WELL OPERATOR: BERTROCK PRODUCTION CORP., Address: 4424 B. BERTROCK AVENUE, PARKERSBURG, WV 26104

4) DESIGNATED AGENT: ROBERT D. BERTROCK, Address: 4424 B. BERTROCK AVENUE, PARKERSBURG, WV 26104

5) DRILLING CONTRACTOR: TWA DRILLING COMPANY, INC., Address: P.O. BOX 101-A, HOFFEY, WV 26111

6) PROPOSED WELL WORK: Drill: 4" / 1 1/2" / 2" / 3" / 4" / 5" / 6" / 8" / 10" / 12" / 14" / 16" / 18" / 20" / 22" / 24" / 26" / 28" / 30" / 32" / 34" / 36" / 38" / 40" / 42" / 44" / 46" / 48" / 50" / 52" / 54" / 56" / 58" / 60" / 62" / 64" / 66" / 68" / 70" / 72" / 74" / 76" / 78" / 80" / 82" / 84" / 86" / 88" / 90" / 92" / 94" / 96" / 98" / 100"

7) BRING OFF OLD FORMATION: Plug off old formation

8) OTHER DIVISION CHANGE IN WELL (SPECIFY): None

9) GEOLOGICAL TARGET FORMATION: BESSIE SAND

10) REMAINDERS OF COMPLETED WELL: 2500 feet

11) APPROXIMATE DATA DEPTHS: Fresh: 100 feet, Salt: 1700 feet

12) APPROXIMATE COAL SEAM DEPTHS: None

13) GASING AND TUBING PROGRAM

Casing or Tubing Type	Size	Grade	Weight per foot	Specifications		Log	Cement	Cement Interval	Log Interval	Cement Interval	Cement Interval
				Flow	Leak						
Production	4-1/2"	J	10.5	X				300' - 350'	300'	300'	300'
Flow water	8-5/8"	J	23.5	X				300' - 350'	300'	300'	300'
Tubing	4-1/2"	J	10.5	X				300' - 350'	300'	300'	300'

OFFICE USE ONLY

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

Application received	Follow-up inspection(s)
Well work started	" "
Completion of the drilling process	" "
Well Record received	" "
Reclamation completed	" "

OTHER INSPECTIONS

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

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

09/29/2023

BLANKET BOARD



1) Date: October 13, 1983  
 2) Operator's Well No. Lincicum #3  
 3) API Well No. 47 State 107 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: 840' Watershed: Lost Run  
 District: Walker County: Wood Quadrangle: Kanawha 7.5'
- 6) WELL OPERATOR Rimrock Production Corp. 7) DESIGNATED AGENT Robert L. Murdock  
 Address 4424 B Emerson Avenue Address 4424 B Emerson Avenue  
Parkersburg, WV 26104 Parkersburg, WV 26104
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Jerry Tephacock Name PWA Drilling Company, Inc.  
 Address Rt. 1, Box 101-A Address P. O. Box 448  
Ripley, WV 25271 Ripley, WV 25071
- 10) PROPOSED WELL WORK: Drill  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate  /  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_ /  
 Other physical change in well (specify) \_\_\_\_\_
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 12) Estimated depth of completed well, 2500 feet  
 13) Approximate strata depths: Fresh, 100 feet; salt, 1700 feet.  
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes \_\_\_\_\_ / No  /
- 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									Kinds	
Fresh water	<u>8-5/8</u>	<u>J</u>	<u>23#</u>	<input checked="" type="checkbox"/>		<u>260'</u>	<u>260'</u>	<u>Circ. to Sur.</u>		
Coal								<u>10 Sacs.</u>	Sizes	
Intermediate										
Production	<u>4-1/2</u>	<u>J</u>	<u>10.5</u>	<input checked="" type="checkbox"/>		<u>None</u>	<u>2500'</u>	<u>300 Sacs.</u>	Depths set	
Tubing	<u>2-3/8</u>	<u>H</u>	<u>4.6</u>	<input checked="" type="checkbox"/>		<u>None</u>	<u>2450'</u>	<u>None</u>		
Liners									Perforations: <u>Estimated</u>	
									Top	Bottom
									<u>2502</u>	<u>2508</u>

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 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: WESTVACO CORP.

By Steve Richard

Its Land Surveyor Date 10-17-83

\_\_\_\_\_  
(Signature) Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature) Date: \_\_\_\_\_

**09/29/2023**  
Surface Owner

**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.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

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, West Virginia 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 delivered 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. 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 must 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 October 13, 1983

WELL NO. Lincicome #3

State of West Virginia

API NO. 47 - 107 - 1291

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME RIMROCK PRODUCTION CORPORATION DESIGNATED AGENT Robert L. Murdock  
Address 4424 B Emerson Ave., Parkersburg, WV Address 4424 B Emerson Ave., Parkersburg, WV  
Telephone (304) 428-1520 Telephone (304) 428-1520  
LANDOWNER Westvaco SOIL CONS. DISTRICT Little Kanawha  
Revegetation to be carried out by Robert L. Murdock (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 10-14-83 (Date)

Jarrett Newlon (BW)  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure See comment on sketch  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

(A) Structure Temporary Diversion Ditch (1)  
Material Soil  
Page Ref. Manual 2-12

Structure \_\_\_\_\_  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

(B) Structure Rip Rap (2)  
Material Rock  
Page Ref. Manual 2-9

Structure \_\_\_\_\_  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

(C) Structure \_\_\_\_\_ (3)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

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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 \_\_\_\_\_ Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch Straw 2 Tons/acre  
Seed\* K-31 Fescue 35 lbs/acre  
Red Top 10 lbs/acre  
Ladino Clover 5 lbs/acre

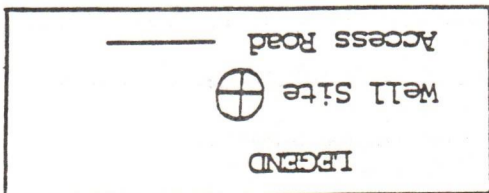
Lime \_\_\_\_\_ Tons/acre  
or correct to pH \_\_\_\_\_  
Fertilizer \_\_\_\_\_ lbs/acre  
(10-20-20 or equivalent)  
Mulch \_\_\_\_\_ 2 Tons/acre  
Seed\* K-31 Fescue 35 lbs/acre  
Red Top 10 lbs/acre  
Ladino Clover 5 lbs/acre

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

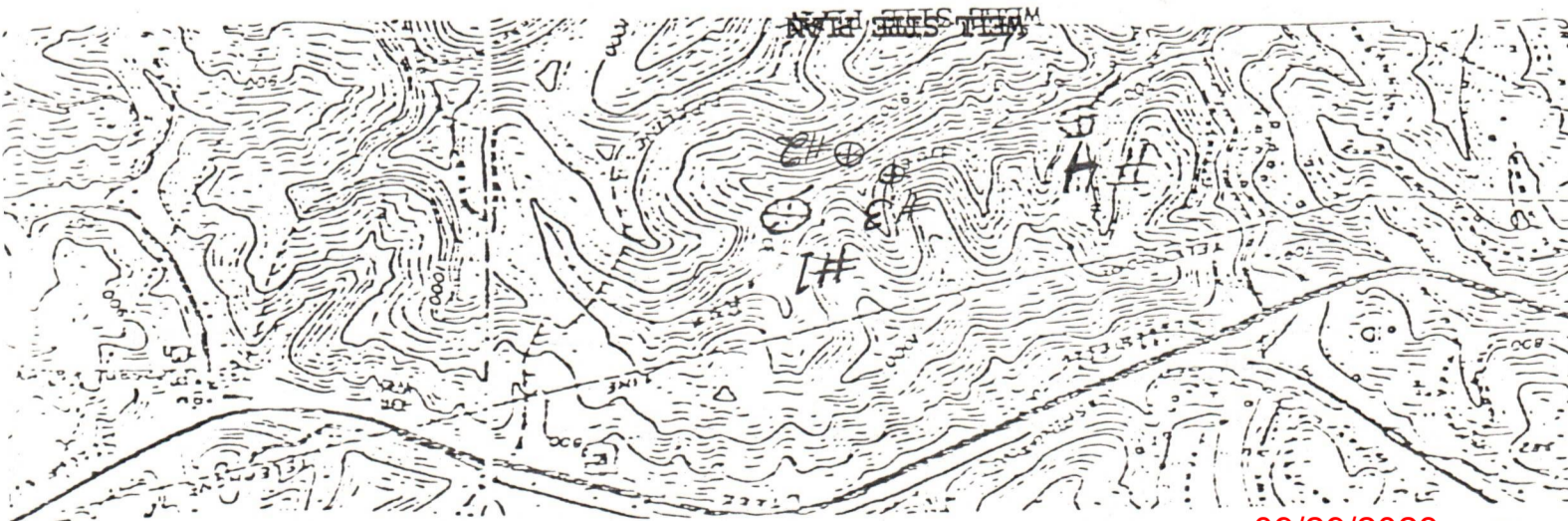
NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY Robert L. Murdock 09/29/2023  
ADDRESS 4424 B Emerson Avenue  
Parkersburg, WV 26104  
PHONE NO. (304) 428-1520

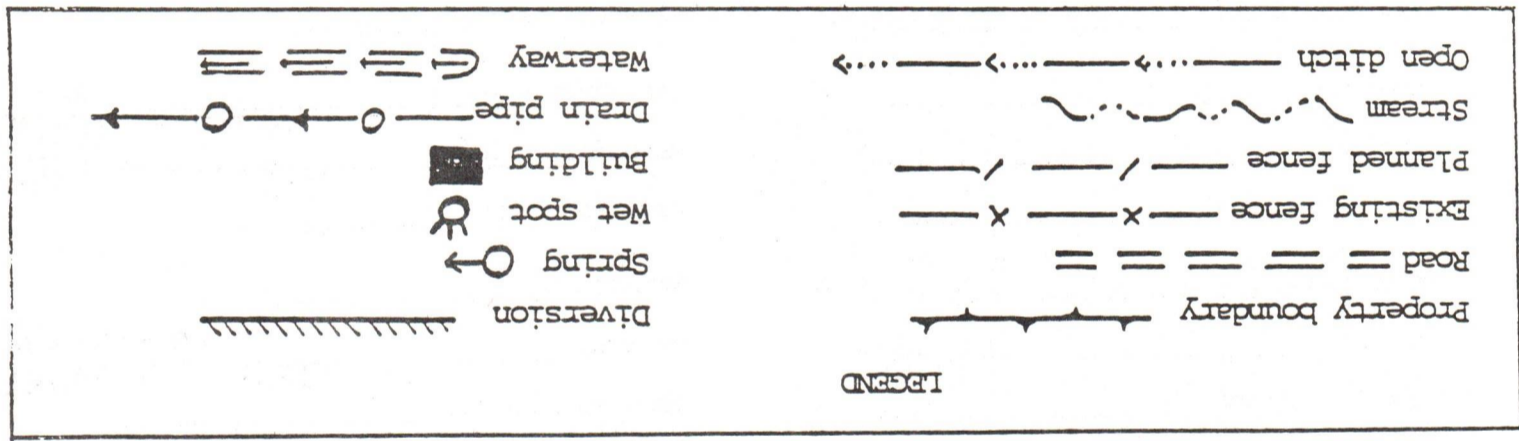
ATTACH OR PHOTOOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE



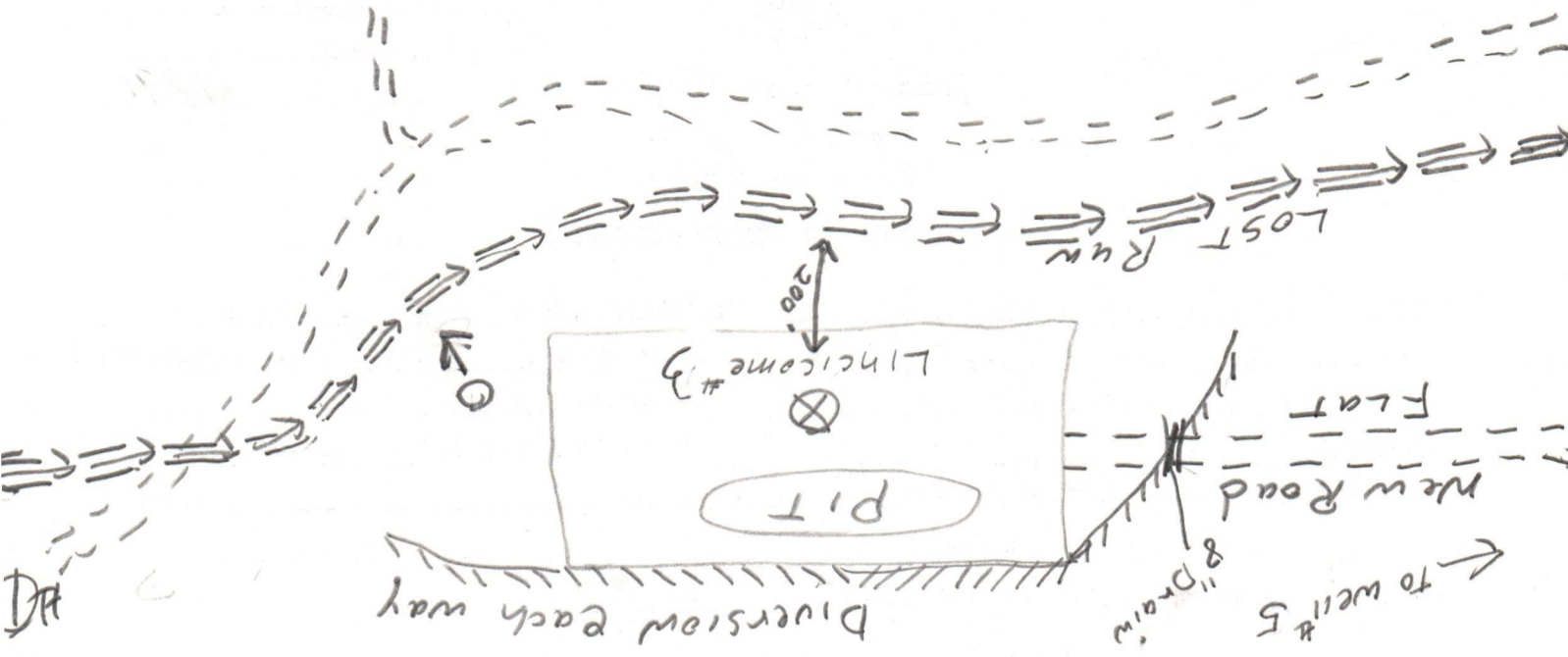
9/29/2023



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



Access Grade flat 1% TOP OF HILL  
 Road banks 1/2%  
 Location Grade 1/2% in bottom



#2

THIS ASSIGNMENT, made this 23<sup>rd</sup> day of August, 1983, by and between WALTER C. CRANE, dba NORTH HILLS INVESTMENT COMPANY, a West Virginia General Partnership, whose address is 212 E. Pierpoint St. Harrisville, West Virginia 26362, hereinafter called ASSIGNOR, and RIMROCK PRODUCTION CORPORATION, a West Virginia Corporation, whose address is 4424 B Emerson Avenue, Parkersburg, West Virginia 26101, hereinafter called ASSIGNEE.

W I T N E S S E T H :

That for and in consideration of the sum of One Dollar (\$1.00), cash in hand paid, and other good and valuable consideration, the receipt of all of which is hereby acknowledged, the ASSIGNOR does hereby sell, assign, grant and convey unto the said RIMROCK PRODUCTION CORPORATION, its successors and assigns, subject to the terms, conditions and reservations herein contained, the following described oil and gas leases and the leasehold estates thereby created situate in Walker District, Wood County, West Virginia, being more particularly described as follows:

That certain oil and gas lease from Robert C. Linicome, et ux. dated August the 8th day of August, 1977, and of record in the Office of the Clerk of the County Commission of Wood County, West Virginia, in Lease Book No. 702 at page 225 thereof, and that certain oil and gas lease from James H. Walsh, et ux. dated the 4th day of April, 1978, and of record in the aforesaid Wood County Clerk's office in Lease Book No. 702 at page 223 thereof, which leases encompass a tract bounded as follows:

- On the North by lands of H. M. Robinson, Nancy Smoot, et al.
- On the East by lands of Virginia Robinson and Asa Bunner
- On the South by lands of Virginia Robinson et al.
- On the West by lands of H. M. Robinson

Containing 200 acres, more or less.

This Assignment is made subject to all the royalty, terms, provisions and covenants set out in and being a part of the original oil and gas leases described herein.

KAREN YOHO  
ATTORNEY AT LAW  
112 NORTH SPRING ST.  
HARRISVILLE  
WEST VIRGINIA  
26362  
304-643-2650

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RIMROCK PRODUCTION CORP.  
4424B Emerson Ave.  
City

This Assignment shall remain in force for a term of three (3) months from date hereof and as long thereafter as oil or gas or either of them is produced from the premises by the ASSIGNEE or its assigns, subject to certain conditions pertaining to number of wells and number of acres held as producing property by each well, which conditions are set forth herein.

For the consideration of the premises the ASSIGNEE agrees that one well must be completed on the leased premises within the three (3) month term specified herein in order to hold the assigned premises as producing property under the terms of this Assignment; each well drilled shall hold 25 acres as producing property under the terms of this Assignment; the location of the 25 acres held by each well shall be mutually agreed upon prior to the commencement of drilling operations and shall be clearly designated on a plat of the leased premises at the sole expense of the ASSIGNEE prior to the commencement of drilling operations. The first well shall be completed within the three (3) month term of this agreement, thereafter subsequent wells shall be completed at the rate of one each per three month interval following the expiration of the three (3) month term set forth herein, with each well so drilled to be credited toward the number necessary to continue development of this lease under this schedule. All acreage (the total property herein assigned) shall be held as producing property upon completion of the fifth well hereon.

Should the ASSIGNEE fail to drill and complete at least one well on said leasehold estate within the term of three (3) months set forth herein, this Assignment shall terminate at

09/29/2023



the end of said three (3) months, and ASSIGNEE shall have no further rights thereunder. Likewise, should the ASSIGNEE fail to complete subsequent wells provided for in this agreement within the time frame set forth herein, this Assignment shall terminate as to all acreage assigned but not held by previously completed wells drilled pursuant to this agreement. It is understood, however, that this agreement is made subject to applicable spacing laws and regulations so that the number of acres held by each well may be increased by state law or regulation.

For the purpose of this agreement, completion of a well shall mean that the well must be drilled, fractured and ready to turn into an appropriate oil or gas line.

The ASSIGNOR specifically reserves and does not herein convey the right to assign and enter upon any part of the premises or to explore for or to produce oil or gas on any part of the lease not held by a producing well at the end of the three (3) month term of this Assignment, without the participation of the ASSIGNEE, subject to the right of the ASSIGNEE to complete subsequent wells at three (3) month intervals.

The ASSIGNOR further reserves the right to enter upon any part of the premises and does not hereby assign the right to explore for or to produce oil and gas in any geological formation below 100 feet of that certain strata known as the Berea Sands. It is specifically understood that the ASSIGNOR herein may explore for or produce oil or gas in any geological formation below such depth without the participation of the ASSIGNEE, its successors or assigns.

This Assignment is made subject to the exception and reservation for the benefit of B & W Oil and Gas Producers, Robert Weeks et al., their heirs and assigns, a well presently situate on the leases described herein plus 40 acres, more or less, along with the equipment thereon, the right to salvage thereto and the right to continue production of oil or gas and the right to use rights of way necessary for the production and transportation of oil or gas without the participation or interference of the ASSIGNEE, its successors or assigns. A determination as to the location of the 40 acre tract so excepted shall be the sole responsibility of the ASSIGNEE herein. The ASSIGNEE further agrees to designate the 40 acres excepted herein on a plat of the leasehold estates hereby assigned prior to commencement of drilling operations.

The ASSIGNOR further excepts and reserves for themselves, their heirs and assigns, a second well presently situate on the lease described herein plus 5 acres, more or less, along with the equipment thereon, the right to salvage thereto and the right to continue production of oil or gas and the right to use rights of way necessary for the production and transportation of oil or gas without the participation or interference of the ASSIGNEE, its successors or assigns. The 5 acre tract so reserved shall be mutually agreed upon by the ASSIGNOR and the ASSIGNEE. It shall be the sole responsibility of the ASSIGNEE to designate the 5 acre tract on a plat of the leasehold estates herein assigned prior to the commencement of drilling operations.

Leaving 155 acres, more or less, to be assigned herein.

SAVING, EXCEPTING AND RESERVING unto the ASSIGNOR herein, free of cost, an overriding royalty interest of 1/16 of all (8/8) of the oil, gas or other hydrocarbons produced, saved and sold from the above described lands.

09/29/2023

The ASSIGNEE, RIMROCK PRODUCTION CORPORATION, further agrees to hold WALTER C. CRANE, dba NORTH HILLS INVESTMENT COMPANY, harmless from any and all damages caused by its drilling, the production or abandonment of any or all wells drilled on the leases described herein and the leasehold estates thereby created. It is specifically understood by the parties hereto that the ASSIGNEE, RIMROCK PRODUCTION CORPORATION, shall hold NORTH HILLS INVESTMENT COMPANY harmless for any damages that may arise due to actual or alleged encroachment on the 40 acre tract excepted for the benefit of B & W Oil and Gas Producers et al.

WITNESS the following signatures and seals.

NORTH HILLS INVESTMENT COMPANY, a West Virginia General partnership,

By Walter C. Crane (SEAL)  
Walter C. Crane, a General Partner

RIMROCK PRODUCTION CORPORATION, a West Virginia Corporation,

By Robert L. Murdock (SEAL)  
Robert L. Murdock, its President

STATE OF WEST VIRGINIA,  
COUNTY OF RITCHIE, TO-WIT:

The foregoing instrument was acknowledged before me this 23rd day of August, 1983, by WALTER C. CRANE, a General Partner, on behalf of NORTH HILLS INVESTMENT COMPANY, a General Partnership.

My Commission expires

OCTOBER 13, 1991

Karen Yoho Swadlow  
Notary Public, Ritchie County,  
West Virginia

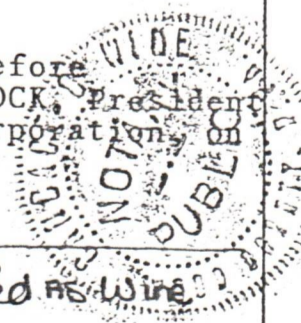
STATE OF WEST VIRGINIA,  
COUNTY OF WOOD, TO-WIT:

The foregoing instrument was acknowledged before me this 24th day of August, 1983, by ROBERT L. MURDOCK, President of RIMROCK PRODUCTION CORPORATION, a West Virginia Corporation, on behalf of said corporation.

My Commission expires

November 19, 1991

Candace W. Thompson  
Notary Public, Wood County,  
West Virginia Commissioned AS WINE



This instrument was prepared by Karen Yoho, Attorney at Law, 112 North Spring Street, Harrisville, West Virginia 26362.

KAREN YOH  
ORNEY AT LAW  
ORTH SPRING ST.  
ARRISVILLE  
EST VIRGINIA  
26362  
04-643-2650

IV-35  
(Rev 8-81)



**State of West Virginia**  
**Department of Mines**  
**Oil and Gas Division**

Date February 3, 1984  
 Operator's  
 Well No. #3  
 Farm Lincicome  
 API No. 47 - 107 - 1291

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

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

LOCATION: Elevation: 840' Watershed Lost Run  
 District: Walker County Wood Quadrangle Kanawha 7.5'

COMPANY Rimrock Production Corporation  
 ADDRESS 4424 B Emerson Ave., Parkersburg, WV  
 DESIGNATED AGENT Robert L. Murdock  
 ADDRESS 4424 B Emerson Ave., Parkersburg, WV  
 SURFACE OWNER Westvaco  
 ADDRESS Rt. 95 & Rayon Dr., Parkersburg, WV  
 MINERAL RIGHTS OWNER R.C. Lincicome & J. H. Walsh  
 ADDRESS Vienna, WV & Ripley, WV  
 OIL AND GAS INSPECTOR FOR THIS WORK Jerry Tephabock  
 ADDRESS Rt.1, Box 101-A, Ripley, WV  
 PERMIT ISSUED October 24, 1983  
 DRILLING COMMENCED November 5, 1983  
 DRILLING COMPLETED November 7, 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"			
9 5/8			
8 5/8	283'	283'	70 Sks.
7			
5 1/2			
4 1/2	2310	2310	273 Sks.
3			
2-3/8"		2308'	
Liners used			

GEOLOGICAL TARGET FORMATION Berea Depth 2500 feet  
 Depth of completed well 2344 feet Rotary X / Cable Tools       
 Water strata depth: Fresh 100 feet; Salt 1700 feet  
 Coal seam depths: NA Is coal being mined in the area? NO

OPEN FLOW DATA  
 Producing formation Berea 295 Pay zone depth 2284-2290 feet  
 Gas: Initial open flow      Mcf/d Oil: Initial open flow      Bbl/d  
 Final open flow 14 Mcf/d Final open flow      Bbl/d  
 Time of open flow between initial and final tests      hours  
 Static rock pressure 480 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)

Wood - 1291

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

Perf 20 holes from 2280'-2289'

Frac w/105,500 SCF N<sub>2</sub>, 200 Gal. 15% acid, 175,000# 20/40 sand.

(N)

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Soil			0	11	
Sandstone			11	50	
Shale			50	158	
Sandstone & Shale			158	490	
Sandstone			490	504	
Sandy Shale			504	728	
Limestone & Shale			728	754	
Sand			754	775	
Sandy Shale			775	816	
Sand			816	822	
Shale & Sandstone			822	1134	
Sand			1134	1164	
Shale			1164	1184	
Sand			1184	1232	
Shale			1232	1282	
Sand			1282	1290	
Shale			1290	1310	
Sandy Shale			1310	1440	
Sand			1440	1480	
Shale & Sand			1480	1622	
Sand			1622	1670	
Shale			1670	1690	
Sand			1690	1720	
Shale			1720	1730	
Sand			1730	1820	Saltwater
Shale			1820	1840	
Sand			1840	1884	
Sandy Shale			1884	2055	
Shale			2055	2270	
394 Coffee Shale			2270	2284	
395 Berea			2284	2290	
Shale			2290	2344	TD

(Attach separate sheets as necessary)

Rimrock Production Corporation  
Well Operator

09/29/2023

By: \_\_\_\_\_

Date: February 3, 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 coal, encountered in the drilling of a well."

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

RECEIVED  
APR 19 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 47-107-1291

Oil or Gas Well OIL & GAS  
(KIND)

Company <u>RIMROCK PRODUCTION CORP</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>4424 B EMERSON AVE PARKERSBURG, WV 26104</u>	Size			
Farm <u>WESTVACO</u>	16			Kind of Packer
Well No. <u>3</u>	13			
District <u>WALKER</u> County <u>WOOD</u>	10			Size of
Drilling commenced	8 1/4			
Drilling completed	6 5/8			Depth set
Date shot	5 3/16			
Initial open flow	3			Perf. top
Open flow after tubing	2			Perf. bottom
Volume	Liners Used			Perf. top
Rock pressure				Perf. bottom
Oil	CASING CEMENTED	SIZE	No. FT.	Date
Fresh water	NAME OF SERVICE COMPANY			
Salt water	COAL WAS ENCOUNTERED AT			
	FEET	INCHES	FEET	INCHES
	FEET	INCHES	FEET	INCHES
	FEET	INCHES	FEET	INCHES

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

Remarks: NEEDS LOCATION AND ACCESSS ROADS COMPLETELY RECLAIMED BANLY. THIS LOCATION ROAD IS IN TERRIBLE SHAPE-A REAL FENDER BENDER ROAD!!!!!!!!!!

13 APRIL 1984  
DATE

*Glen P. Robinson*  
GLEN P. ROBINSON 09/29/2023  
DISTRICT WELL INSPECTOR





**RECEIVED**  
JUN 25 1984

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

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

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT

10/24/83

COMPANY RIMROCK PRODUCTION CORP  
4424 "B" EMERSON AVENUR  
PARKERSBURG, WV 26104

PERMIT NO 47-107-1291 10/83  
FARM & WELL NO WESTVACO/#3  
DIST. & COUNTY WALKER/WOOD

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 Strenght		
15.05	Cement Type		
23.02	Maintained Access Roads	X	
25.01	Necessary Equipment to Prevent Waste	X	
23.04	Reclaimed Drilling Pits	X	
23.05	No Surface or Underground Pollution	X	
23.07	Requirements for Production & Gathering Pipelines	X	
16.01	Well Records on Site		
16.02	Well Records Filed		
7.05	Identification Markings	X	

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

SIGNED *Glenn P. Robinson*  
GLENN P. ROBINSON

DATE 19 JUNE 1984

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.

*Thomas B. ...*  
Administrator-Oil & Gas Division

August 13, 1984  
DATE

09/29/2023



**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**

1.0 API well number. (If not assigned, leave blank. 14 digits.)	47 - 107 - 1291 -			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103	New Onshore Production Well		
	Section of NGPA	Category Code		
3.0 Depth of the deepest completion location. (Only needed if sections 103 or 107 in 2.0 above)	2289	2289 feet		
4.0 Name, address and code number of applicant. (35 letters per line maximum. If code number not available, leave blank.)	Rimrock Production Corporation		Seller Code	
	4424 B Emerson Avenue			
	Street	Parkersburg,	WV	26104
	City	State	Zip Code	
5.0 Location of this well. [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name) (b) For OCS wells	Field Name		State	
	Wood		WV	
	County		State	
	Area Name		Block Number	
	Date of Lease:		OCS Lease Number	
	Mo.	Day	Yr.	
(c) Name and identification number of this well. (35 letters and digits maximum)	Lincicome #3			
(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.)	Consolidated Gas Transmission Corporation			
	Name		Buyer Code	
(b) Date of the contract:	Mo. Day Yr.			
(c) Estimated total annual production from the well:	5 Million Cubic Feet			
		(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]
		(d) Total of (a) (b) and (c)		
7.0 Contract price. (As of filing date. Complete to 3 decimal places.)	S/MMBTU	-----	-----	-----
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	-----	-----	-----
9.0 Person responsible for this application:	Robert L. Murdock			
	Name		President	
	Signature		Title	
	February 3, 1984		(304) 428-1520	
	Date Application is Completed		Phone Number	

Agency Use Only  
Date Received by Juris. Agency  
**FEB 10 1984**  
Date Received by FERC

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
 PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**  
 (Sections 102, 103, 107 and 108)

**GENERAL INSTRUCTIONS**

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA.

Complete each appropriate item on the reverse side of this page. The code numbers used in items 4 and 6 can be obtained from the Buyer-Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Also enter any additional remarks in the space below. The data reported on this form are not considered to be confidential and will not be treated as such.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 271.501. If there are any questions, call (202) 357-8585.

**SPECIFIC INSTRUCTIONS**

Use the codes in the table below for type of determination in item 2.

Section of NGPA (a)	Category Code (b)	Description (c)
102	1	New OCS lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS lease
103	-	New onshore production well
107	0	Deep (more than 15,000 feet) high cost gas
107	1	Gas produced from geopressured brine
107	2	Gas produced from coal seams
107	3	Gas produced from Devonian shale
107	5	Production enhancement gas
107	5	New tight formation gas
107	7	Recompletion tight formation gas
108	0	Stripper well
108	1	Stripper well - seasonally affected
108	2	Stripper well - enhanced recovery
108	3	Stripper well - temporary pressure buildup
108	4	Stripper well - protest procedure

Enter the appropriate information regarding other Purchasers/Contracts.

Line No.	Contract Date (Mo., Da., Yr.) (a)	Purchaser (b)	Buyer Code (c)
1		Consolidated Gas Transmission Corporation	004228
2			
3			
4			
5			
6			

Remarks:

FEB 10 1984

PARTICIPANTS:

DATE: MAR 29 1984

BUYER-SELLER CODE

WELL OPERATOR: Rimrock Production Corp

FIRST PURCHASER: Consolidated Gas Trans

OTHER: \_\_\_\_\_

W. Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
840210 -103-107-1291  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

*Robert*  
**APPROVED**  
 APR 27 1984

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 \_\_\_\_\_
- 18-28. 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 Daily R \_\_\_\_\_
- (5) 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? \_\_\_\_\_

09/29/2023

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

Date February 3, 1984

Operator's Well No. Lincicome #3

API Well No. 47 - 107 - 1291  
State County Permit

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

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Rimrock Production Corporation DESIGNATED AGENT Robert L. Murdock  
ADDRESS 4424 B Emerson Avenue ADDRESS 4424 B Emerson Avenue  
Parkersburg, West Virginia 26104 Parkersburg, West Virginia 26104  
Gas Purchase Contract No. 3922 and Date June 30, 1977  
Meter Chart Code \_\_\_\_\_ (Month, day and year)

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

FERC Seller Code \_\_\_\_\_ FERC Buyer Code 004228

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 103 Section of NGPA New Onshore Production Category Code
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Robert L. Murdock President  
Name (Print) Title  
Robert L. Murdock  
Signature  
4424 B Emerson Avenue  
Street or P. O. Box  
Parkersburg, WV 26104  
City State (Zip Code)  
(304) 428-1520  
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

(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 1974 (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 105 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

FEB 10 1984

By [Signature] 09/29/2023  
Title \_\_\_\_\_

Date received by \_\_\_\_\_  
Jurisdictional Agency

Date February 3, 19 84

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

Operator's  
Well No. Lincicome #3  
API Well  
No. 47 - 107 - 1291  
State County Permit

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL  
MCPA Section 103

DESIGNATED AGENT Robert L. Murdock  
ADDRESS 4424 B Emerson Avenue  
Parkersburg, WV 26104  
LOCATION: Elevation 840'  
Watershed Lost Run  
Dist. Walker County Wood Quad. Kanawha 7.5  
Gas Purchase  
Contract No. 3922  
Meter Chart Code \_\_\_\_\_  
Date of Contract \_\_\_\_\_

WELL OPERATOR Rimrock Production Corp.  
ADDRESS 4424 B Emerson Avenue  
Parkersburg, WV 26104  
GAS PURCHASER Consolidated Gas Trans.  
ADDRESS 445 W. Main St. Corp.  
Clarksburg, WV 26301

\* \* \* \* \*

Surface drilling was begun: November 4, 1983

Indicate the bottom hole pressure of the well and explain how this was calculated:

See Attachment

AFFIDAVIT

I, Robert L. Murdock, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not in a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which is capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

*Robert L. Murdock*

STATE OF WEST VIRGINIA,

COUNTY OF Wood, TO WIT:

I, Candace Thompson, a Notary Public in and for the state and county aforesaid, certify that Robert L. Murdock, whose name is signed to the writing above, bearing date 3rd day of February, 19 84, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 3rd day of February, 19 84.

My term of office expires on the 19th day of November, 19 91.

*Candace W. Thompson*  
Notary Public  
Commissioned as Wine

REAL SEAL

09/29/2023

CALCULATION OF BOTTOM HOLE PRESSURE

$$P_f = P_w e^{(XGLS)}$$

Where: Lincicome #3, Walker District, Wood County

$P_f$  = shut-in formation pressure (psia)

$P_w$  = pressure at the wellhead (psia)

$e$  = napierian logarithm base (2.71828)

$G$  = specific gravity of gas .70

$L$  = length of casing to mid-point of the perforations (feet)

$S$  = supercompressibility of gas at the mean temperature and pressure  
(average of wellhead and bottom hole temperature and pressure) .78

$X = \frac{1}{53.34 T}$  where  $T$  = average wellhead and bottom hole temperature ( $^{\circ}R$ )  $95 + ^{\circ}R$

$$\begin{aligned} 100^{\circ}F &= 316.83491^{\circ}R \\ T &= 411.83491^{\circ}R \end{aligned}$$

$$PF = (480) (2.71828) \left( \frac{.70 (2287) (.78)}{53.34 (411.83491)} \right)$$

$$(480) (2.71828) \left( \frac{1248.702}{21967.274} \right)$$

$$(480) (2.71828) (0.0568437)$$

$$(480) (1.0584904)$$

$$PF = 508.07537$$

09/29/2023

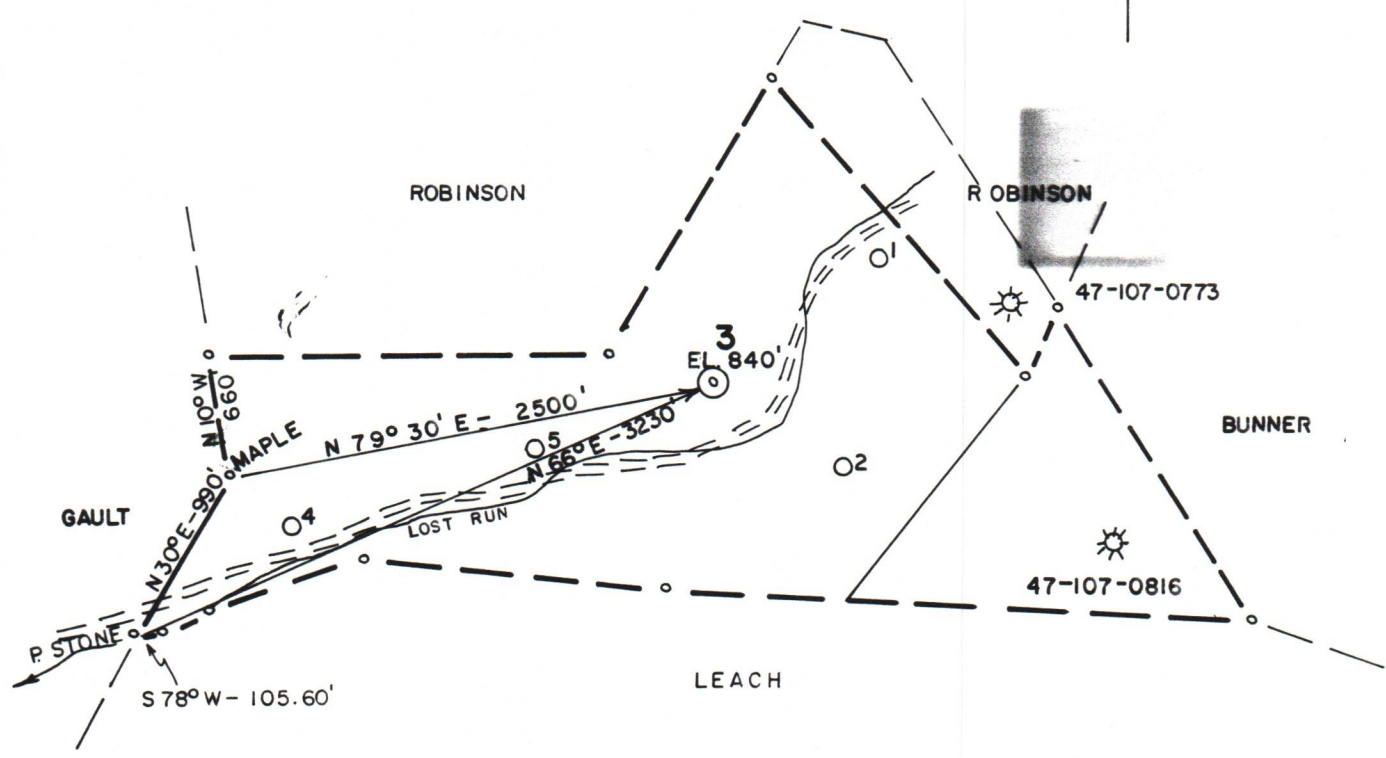
10-22-83

3320' WEST

LATITUDE 39° 15' 00"

LONGITUDE 81° 22' 30"

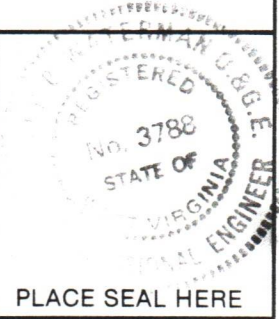
NORTH



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

FILE NO. **83-556**  
 DRAWING NO. \_\_\_\_\_  
 SCALE **1" = 1000'**  
 MINIMUM DEGREE OF ACCURACY **1' / 200'**  
 PROVEN SOURCE OF ELEVATION **DALLISON (692')**

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) *Robert L. Murdock*  
 R.P.E. **3788** L.L.S. \_\_\_\_\_



PLACE SEAL HERE

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



DATE **10/7**, 19 **83**

OPERATOR'S WELL NO. **3**

API WELL NO. **47 107 1291**

STATE **47** COUNTY **107** PERMIT **1291**

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

LOCATION: ELEVATION **840** WATER SHED **LOST RUN**

DISTRICT **WALKER** COUNTY **WOOD**

QUADRANGLE **KANAWHA 7.5'**

SURFACE OWNER **WESTVACO** ACREAGE **181**

OIL & GAS ROYALTY OWNER **R. C. LINCICOME** LEASE ACREAGE **09/29/2023**

LEASE NO. \_\_\_\_\_

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 **BEREA** ESTIMATED DEPTH **2500'**

WELL OPERATOR **RIMROCK PRODUCTION CORP.** DESIGNATED AGENT **ROBERT L. MURDOCK**

ADDRESS **4424 - B EMERSON AVENUE PARKERSBURG, WV 26101** ADDRESS **SAME**

FORM IV-6 (8-78) H.T. HALL

COUNTY NAME PERMIT