



1) Date: October 13, 19 83  
2) Operator's Well No. Lincicome #5  
3) API Well No. 47 - 107 - 1293  
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: 830' 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 Tephabock  
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

RECEIVED  
OCT 19 1983

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 Sizes
Coal								70 Sks.	
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 47-107-1293

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:
	<u>LP</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>2243</u>

BLANKET BOND

[Signature]  
Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

1) LOCATION: B (If Gas, Production) \_\_\_\_\_ Elevation: \_\_\_\_\_ District: \_\_\_\_\_ County: \_\_\_\_\_

2) WELL OPERATOR: \_\_\_\_\_ Address: \_\_\_\_\_

3) DESIGNATED AGENT: \_\_\_\_\_ Address: \_\_\_\_\_

4) DRILLING CONTRACTOR: \_\_\_\_\_ Address: \_\_\_\_\_

5) PROPOSED WELL WORK: \_\_\_\_\_

6) GEOLOGICAL TARGET FORMATION: \_\_\_\_\_

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

8) Approximate rate depth: \_\_\_\_\_

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

10) CASING AND TUBING PROGRAM

Casing or Tubing Type	Size	Length	Weight per ft.	SPECCIFICATION		Footage Intervals	Cement Fill or Sacks (Cubic feet)
				Class	Grade		
Production	4 1/2	7	10.5	X	100	300 Sacs	
Intercasing	4 1/2	7	10.5	X	100	300 Sacs	
Casing	8-3/8	7	23.5	X	100	300 Sacs	

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

OTHER INSPECTIONS

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

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

Agent	Class	Fee
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09/29/2003

1) Date: October 13, 1983  
2) Operator's Well No. Lincicome #5  
3) API Well No. 47 -107- 1293  
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 WESTVACO  
Address Route 95 & Rayon Drive  
Parkersburg, WV 26101  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR  
Address \_\_\_\_\_  
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
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.

**RECEIVED**  
OCT 19 1983

OIL & GAS DIVISION  
DEPT. OF MINE

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  
Robert L. Murdock  
his 13 day of October, 1983.  
My commission expires 10-3, 1989.

WELL OPERATOR RIMROCK PRODUCTION CORPORATION  
By Robert L. Murdock  
Its President  
Address 4424 B Emerson Avenue  
Parkersburg, WV 26104  
Telephone (304) 428-1520

Sandra R. Hamilton Comm. no. 10000  
Notary Public, Wood County,  
State of West Virginia

09/29/2023

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
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1) Date: October 13, 19 83  
2) Operator's Well No. Lincicone #5  
3) API Well No. 47 107  
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: 880' Watershed: Lost Run  
District: Walker County: Wood Quadrangle: Kenavha 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 FVA 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) \_\_\_\_\_
- 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
- 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>	<u>70 Sks.</u>
Coal									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 Sks.</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 [Signature]  
Its 2nd Secretary Date 10-17-83

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

**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.



DATE October 13, 1983  
WELL NO. Lincicome #5  
API NO. 47 - 107 - 1293

State of West Virginia  
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. 442 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 (BWS)  
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>See comment on sketch</u> (A)	Structure <u>Temporary Diversion Ditch</u> (1)
Spacing _____	Material <u>Soil</u>
Page Ref. Manual _____	Page Ref. Manual <u>2-12</u>
Structure _____ (B)	Structure <u>Rip Rap</u> (2)
Spacing _____	Material <u>Rock</u>
Page Ref. Manual _____	Page Ref. Manual <u>2-9</u>
Structure _____ (C)	Structure _____
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

RECEIVED  
OCT 19 1983  
OIL & GAS DIVISION  
DEPT. OF MINES

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 <u>6.5</u>	Lime _____ Tons/acre or correct to pH _____
Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)	Fertilizer _____ lbs/acre (10-20-20 or equivalent)
Mulch <u>Straw</u> <u>2</u> Tons/acre	Mulch _____ 2 Tons/acre
Seed *K-31 Fescue 35 lbs/acre	Seed * K-31 Fescue 35 lbs/acre
Red Top 10 lbs/acre	Red Top 10 lbs/acre
Ladino Clover 5 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.

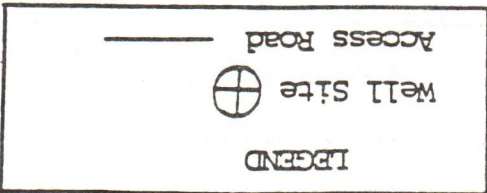
PLAN PREPARED BY Robert L. Murdock 09/29/2023

ADDRESS 4424 B Emerson Avenue  
Parkersburg, WV 26104

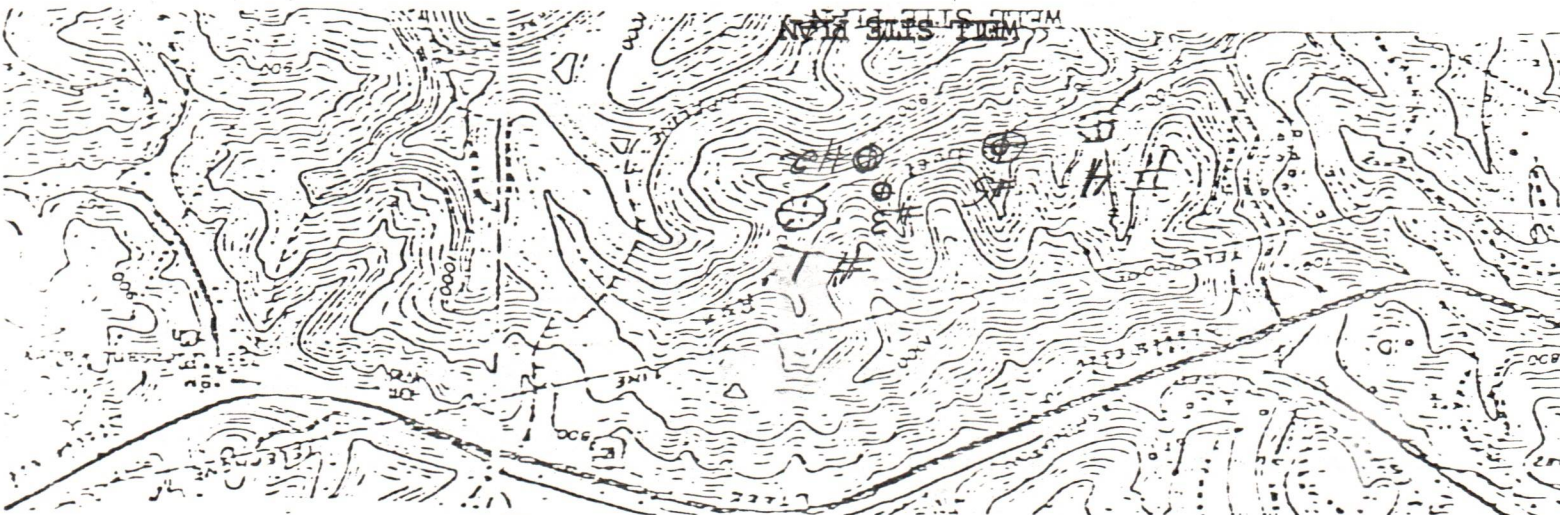
PHONE NO. (304) 428-1520

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

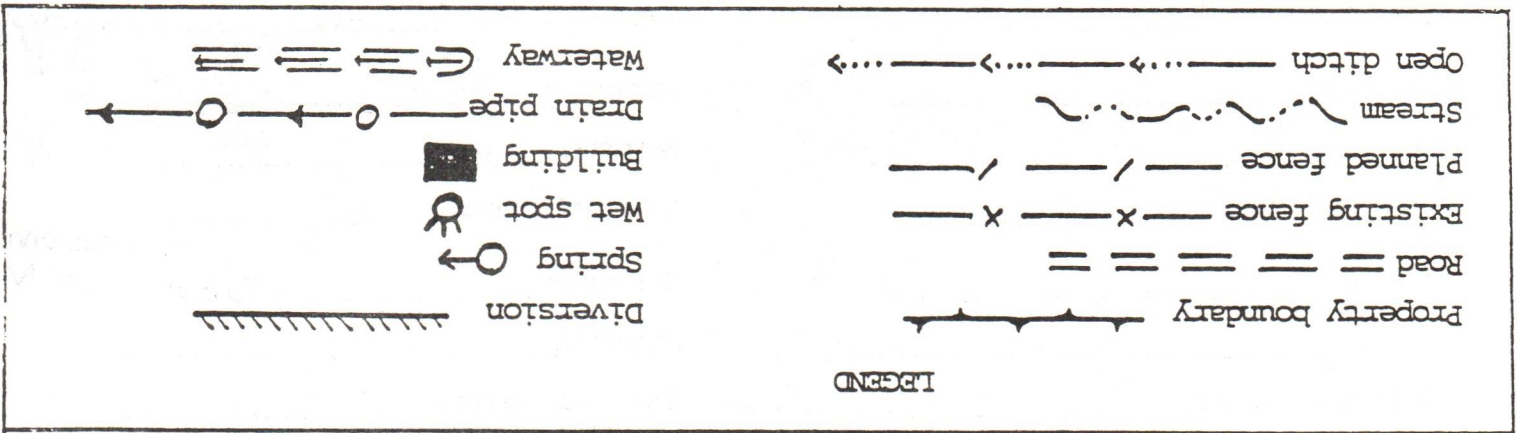
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE



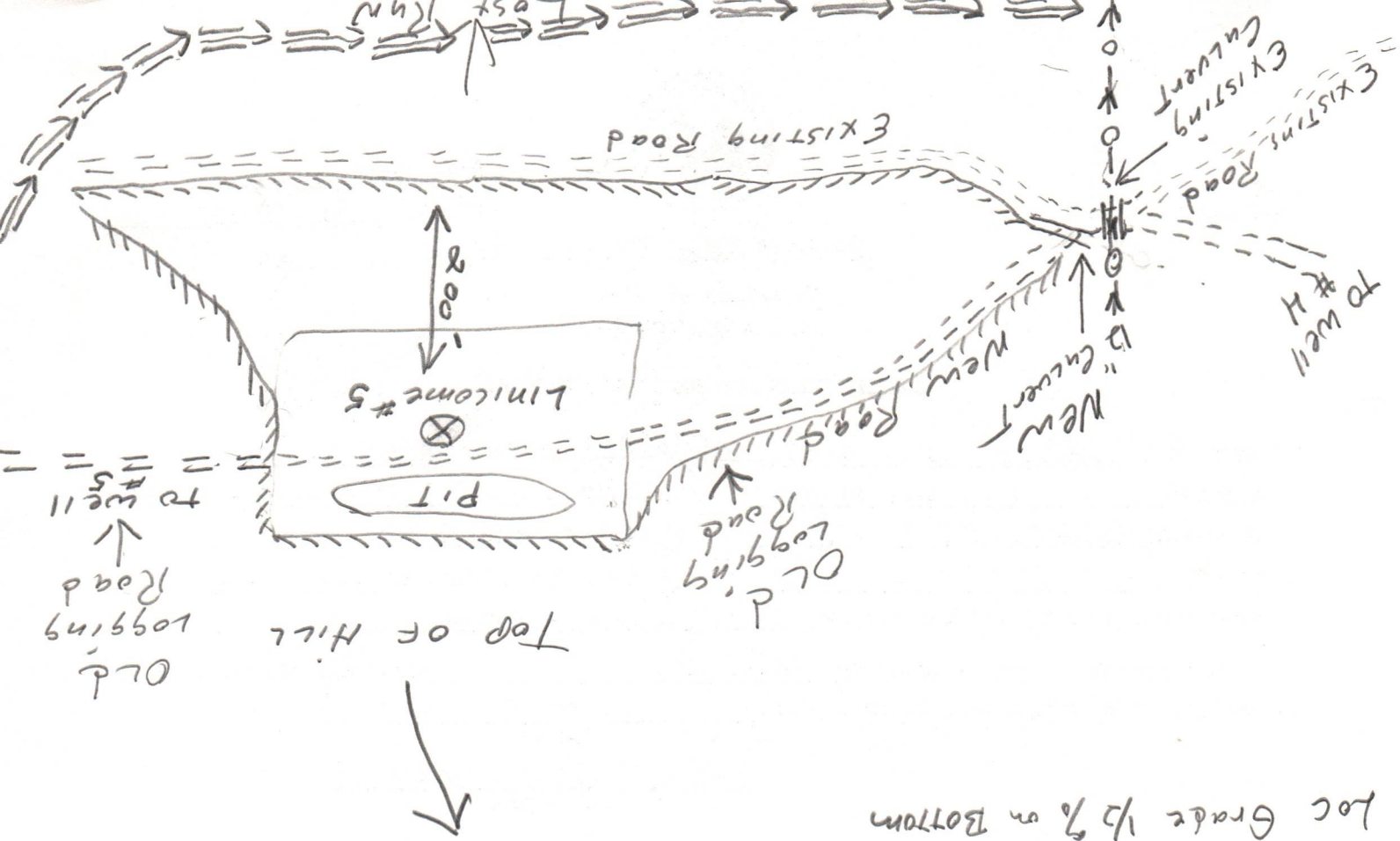
09/29/2023



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



Access Road 8%  
Road Banks 1/2%  
Loc Grade 1/2% on Bottom







IV-35  
(Rev 8-81)

State of West Virginia  
Department of Mines  
Oil and Gas Division

Date February 3, 1984  
Operator's  
Well No. Lincicome #5  
Farm \_\_\_\_\_  
API No. 47 - 107 - 1293

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: 830' 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 & L.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 1, 1983  
DRILLING COMPLETED November 4, 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	252'	252'	70 Sks.
7			
5 1/2			
4 1/2	2300'	2300'	273 Sks.
3			
2-3/8"		2258	
Liners used			

GEOLOGICAL TARGET FORMATION Berea Depth 2500 feet  
Depth of completed well 2350' 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 <sup>395</sup> Pay zone depth 2246-2251 feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 15.5 Mcf/d Final open flow 4 Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ hours  
Static rock pressure 400 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 - 1293

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

Perf. 20 holes from 2242' to 2251'  
Frac w/200 gal. 15% acid., 25,000# 20/40 sand, 43,310 gal. H<sub>2</sub>O.



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	10	
Sandstone			10	50	
Shale			50	155	
Sandstone & Shale			155	275	
Shale			275	350	
Sandstone & Shale			350	600	
Shale			600	720	
Limestone & Shale			720	900	
Sandstone & Shale			900	1092	
Sand			1092	1130	
Shale			1130	1144	
Sand			1144	1182	
Sand & Shale			1182	1230	
Sand			1230	1288	
Sandy Shale			1288	1314	
Sand			1314	1324	
Sand & Shale			1324	1356	
Sand			1356	1392	
Sandy Shale			1392	1424	
Sand			1424	1434	
Sand & Shale			1434	1654	
Shale			1654	1696	
Sand & Shale			1696	1710	
Sand			1710	1776	Saltwater
Sand & Shale			1776	1890	
Shale & Sand			1890	2020	
Shale			2020	2233	
394 Coffee Shale			2233	2246	
395 Berea			2246	2251	
Shale			2251	2356	TD

(Attach separate sheets as necessary)

RIMROCK PRODUCTION CORPORATION

Well Operator

09/29/2023

By: Robert L. Murdock

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

NOV 9 - 1983

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 1071293

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

Company Rimrock

Address \_\_\_\_\_

Farm Washburn

Well No. L.V.C. COM #5

District \_\_\_\_\_ County wood

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

Drilling completed 11383 Total depth 2350'

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

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

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

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

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

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

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

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

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			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: 11383 TO 2350 6:00 PM ~~2375~~ 4 1/2"  
2311 KB  
Cement B.J. Hughes, 273 SKS Reg Cement,  
plug down 11483 3:00 AM,

11483  
DATE

Jerry M. Topolinski 09/29/2023

Form 26  
2/16/82

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: \_\_\_\_\_

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

DATE

09/29/2023

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

RECEIVED

NOV 9 - 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 107 1293

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

Company <u>Rimrock</u> Address _____ Farm _____ Well No. _____ District _____ County <u>wood</u> 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			Kind of Packer _____
	16			
	13			Size of _____
	10			Depth set _____
	8 1/4			Perf. top _____
	6 3/8			Perf. bottom _____
	5 3/16			Perf. top _____
	3			Perf. bottom _____
	2			
Liners Used				

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: Started Building 10 28 83  
10 31 83 To move onto to Start Drilling 11/1/83

10 30 83  
DATE

James T. [Signature] **09/29/2023**  
DISTRICT WELL INSPECTOR

RECEIVED  
NOV 8 - 1993

DEPT. OF MINES  
DIVISION OF MINING

09/29/2023

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

RECEIVED

APR 18 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 47-107-1293

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>5</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			
	FEEET	INCHES	FEEET	INCHES
	FEEET	INCHES	FEEET	INCHES
	FEEET	INCHES	FEEET	INCHES

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

Remarks: LOCATION AND ACCESS ROAD NEEDED COMPLETELY RECLAIMED BADLY.

13 APRIL 1984

DATE

*Glenn P. Robinson*  
GLENN P. ROBINSON

09/29/2023

DISTRICT WELL INSPECTOR

Form 26  
2/16/82

RECEIVED  
OIL & GAS DIVISION  
DEPT. OF MINES

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: \_\_\_\_\_

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

DATE





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 AVENUE  
PARKERSBURG, WV 26104

PERMIT NO 47-107-1293 10/83  
FARM & WELL NO WESTVACO/#5  
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 Strength		
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 *Allen F. Robinson*  
ALLEN F. 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.

*T.H. ...*

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 - 1293 -			
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.)	2251	2251 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			
	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			
	Wood			WV
	County	State		
	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.)	Lincicome #5			
(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			Buyer Code
	Name			
(b) Date of the contract:	Mo. Day Yr.			
(c) Estimated total annual production from the well:	5.7			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			President
	Name			Title
	<i>Robert L. Murdock</i>			
	Signature			
	February 3, 1984			(304) 428-1520
	Date Application is Completed			Phone Number

Agency Use Only  
Date Received by Agency: FEB 10 1984

FERC-121 (8-82)

09/29/2023

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	6	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

DATE: MAR 29 1984

BUYER-SELLER CODE

PARTICIPANTS:

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=1293  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

*[Signature]*  
**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 \_\_\_\_\_
- (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 19 84

Operator's Well No. Lincicome #5

API Well No. 47 - 107 - 1293  
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

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

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 Phone Number  
Code

(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

Date received by Jurisdictional Agency

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

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

Date February 3, 19 84

Operator's Well No. Lincicome #5

API Well No. 47 - 107 - 1293  
State County Permit

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL

NGPA 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. Corp.

ADDRESS 445 W. Main St.  
Clarksburg, WV 26301

\* \* \* \* \*

Date surface drilling was begun: November 1, 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 within 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 was 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, do certify that Robert L. Murdock, whose name is signed to the writing above, bearing date the 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.

[NOTARIAL SEAL]

*Candace W. Thompson*  
Notary Public  
Commissioned as Wine

09/29/2023

CALCULATION OF BOTTOM HOLE PRESSURE

$$P_f = P_{we} \text{ (XGLS)}$$

Where: Lincicome #5, 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 ( $^{\circ}R$ )  $95 + ^{\circ}R$

$$100^{\circ}F = 316.83491^{\circ}R$$

$$\therefore T = 411.83491^{\circ}R$$

$$PF = (400) (2.71828) \left( \frac{(.70) (2248) (.78)}{53.34 (411.83491)} \right)$$

$$(400) (e) \left( \frac{1227.408}{21967.274} \right)$$

$$(400) (e) (0.0558744)$$

$$(400) (1.0574648)$$

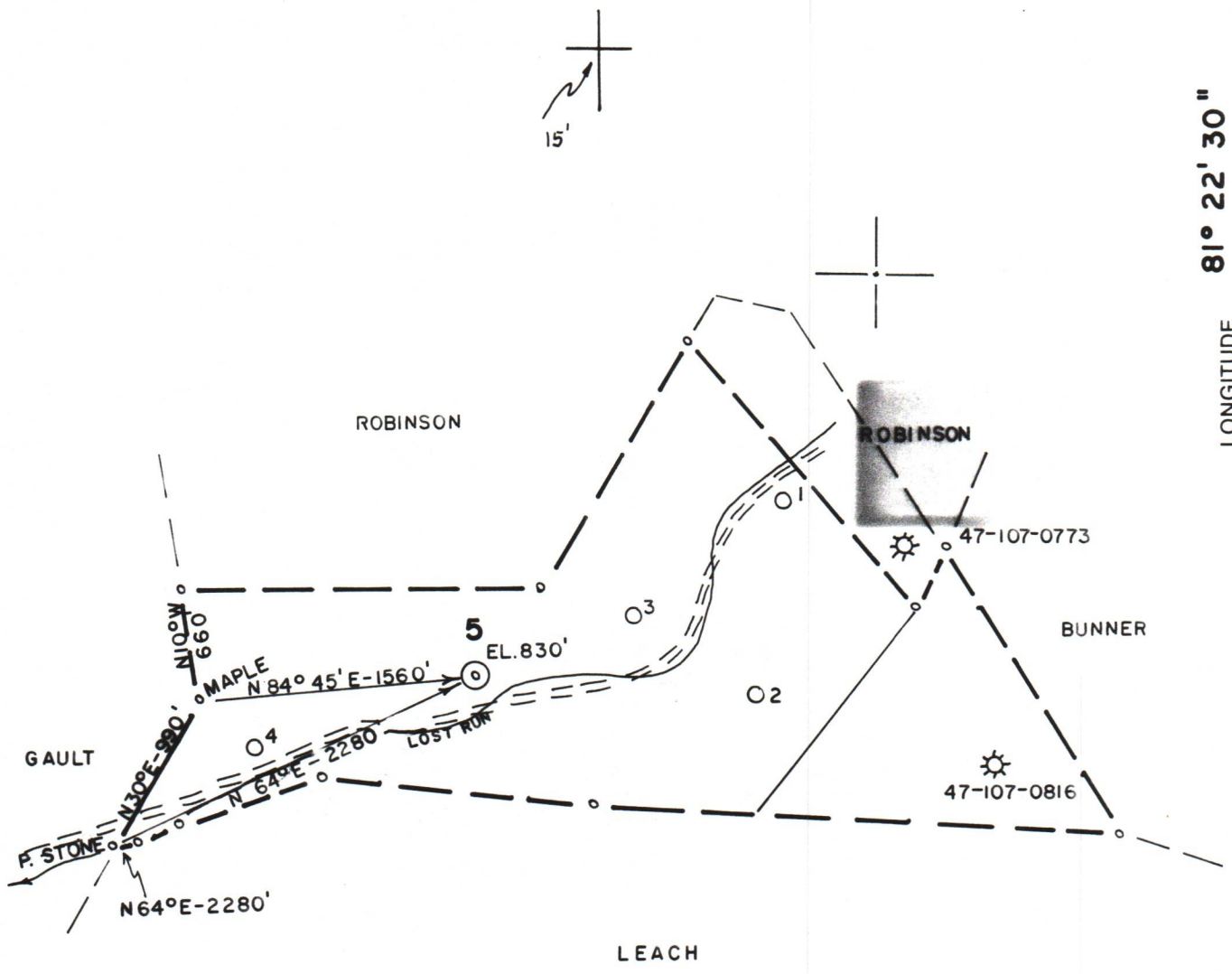
$$PF = 422.98594$$

09/29/2023

4260' WEST  
 LATITUDE 39° 15' 00"

LONGITUDE 81° 22' 30"

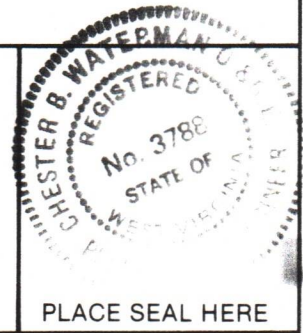
NORTH



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

FILE NO. 83-557  
 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 Waterman  
 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. 5  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS \_\_\_\_\_ LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 830 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 200

PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 LEASE NO. \_\_\_\_\_ DATE 09/29/2023

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 ADDRESS SAME  
PARKERSBURG, WV 26101

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

COUNTY NAME WOOD  
 PERMIT 1275