

V I R G I N I A:

BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT: Columbia Natural Resources, Inc. )  
 ) VIRGINIA GAS  
 ) AND OIL BOARD  
RELIEF SOUGHT: **EXCEPTION TO STATEWIDE SPACING** )  
 ) LIMITATIONS PRESCRIBED BY VA. CODE ) DOCKET NO.  
 ) § 45.1-361.17(a)(2) FOR WELL ) 03/05/13-1153.  
 ) **CNR 825184 (PPN-4)** )  
 )  
LEGAL DESCRIPTION: )  
 )  
 ) DRILLING UNIT SERVED BY WELL NUMBERED **CNR** )  
 ) **825184 (PPN-4)** TO BE DRILLED IN THE LOCATION )  
 ) DEPICTED ON **EXHIBIT A** HERETO, )  
 ) **Buchanan Energy Tract No. 108, 83.29 ACRES** )  
 ) **Hurley** QUADRANGLE, )  
 ) **Knox** MAGISTERIAL DISTRICT, )  
 ) **Buchanan** COUNTY, VIRGINIA )  
 ) (the "Subject Lands" are more particularly )  
 ) described on **Exhibit A** attached hereto )  
 ) and made a part hereof) )

REPORT OF THE BOARD

FINDINGS AND ORDER

1. Hearing Date and Place: This matter came on for hearing before the Virginia Gas and Oil Board (hereafter "Board") at 9:00 a.m. on May 13, 2003, Southwest Virginia Higher Education Center on the campus of Virginia Highlands Community College, Abingdon, Virginia.
2. Appearances: James E. Kaiser appeared for the Applicant and Sharon M.B. Pigeon, Assistant Attorney General, was present to advise the Board.
3. Jurisdiction and Notice: Pursuant to Va. Code § 45.1-361.1 et seq., the Board finds that it has jurisdiction over the subject matter. Based upon the evidence presented by Applicant, the Board also finds that the Applicant has (1) exercised due diligence in conducting a meaningful search of reasonably available sources to determine the identity and whereabouts of each gas and oil owner, coal owner, or mineral owner having an interest in Subject Drilling Unit underlying and comprised of Subject Lands; (2) has represented to the Board that it has given notice to those parties (hereafter sometimes "person(s)" whether referring to individuals, corporations, partnerships, associations, companies, businesses, trusts, joint ventures or other legal entities) entitled by Va. Code § 45.1-361.19 to notice of this application; and (3) that the persons set forth in **Exhibit B** hereto have been identified by Applicant as owners of Gas interests underlying Subject Drilling Unit, including those who have not heretofore leased, sold or voluntarily agreed with the Applicant to pool their Gas interests in Subject Drilling Unit. Further, the

Board has caused notice of this hearing to be published as required by Va. Code § 45.1-361.19.B. Whereupon, the Board hereby finds that the notices given herein satisfy all statutory requirements, Board rule requirements and the minimum standards of state due process.

4. Amendments: NONE
5. Dismissals: NONE
6. Relief Requested: Applicant requests (1) an exception to the statewide spacing limitations set forth in Va. Code § 45.1-361.17 for Well No. CNR 825184 (PPN-4).
7. Relief Granted: The requested relief in this cause be and hereby is granted. The Board hereby grants Applicant consent to permit and drill proposed Well No. CNR 825184 (PPN-4) 2081.13 feet from existing Well No. 8768, 2359.00 feet from existing Well No. 8415, and 2010.65 feet from existing Well No. 24730 all at the locations depicted on the Plat attached hereto;
8. Special Findings: The Board specifically and specially finds:
  - 8.1. Applicant is Columbia Natural Resources, Inc., a West Virginia corporation, duly authorized and qualified to transact business in the Commonwealth of Virginia;
  - 8.2. Applicant Columbia Natural Resources, Inc., is an operator in the Commonwealth of Virginia and has satisfied the Board's requirements for operations in Virginia;
  - 8.3. Applicant claims ownership of Conventional Gas leases on 100 percent of Subject Drilling Unit and the right to explore for, develop and produce Gas from same, i.e., Well No. CNR 825184 (PPN-4), as well as from reciprocal wells, i.e., Well Nos. 8768, 8415, 24730;
  - 8.4. The proposed Well CNR 825184 (PPN-4) is located on a surface, coal, oil and gas tract consisting of 83.29 acres known as Buchanan Energy Company Tract 108, and the surface, coal, gas and oil owner has consented to the proposed location for Well CNR 825184 (PPN-4) that is depicted on the Plat attached hereto as Exhibit A;
  - 8.5. The Applicant testified it has the right to operate and develop the reciprocal Well Nos. 8768, 8415, 24730, and that the granting of the application filed herein will not impact the correlative rights of any person;
  - 8.6. An exception to the well spacing requirements of Va. Code § 45.1-361.17 for Well CNR 825184 (PPN-4) is necessary to efficiently drain a portion of the common sources of supply (reservoir) underlying Subject Drilling Unit, and the Board's granting of the requested location exception is in the best interest of preventing the waste of 300 million cubic feet of Conventional Gas underlying Subject Drilling Unit, and to generally effect the purposes of the Virginia Gas and Oil Act;

8.7. Applicant proposes the drilling of Well No. CNR 825184 (PPN-4) to a depth of 5,517 feet on the Subject Drilling Unit at the location depicted in Exhibit A to produce all the Mississippian and Devonian age formations including, but not limited to, Ravencliff, Big Lime, and Devonian Shale,

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from surface to a total depth of 5,517 feet ("Subject Formations");

8.8. Applicant proposes to drill Well CNR 825184 (PPN-4) a distance of 418.97 feet closer to Gas Well 8768, 141 feet closer to Gas Well 8415, and 489.35 feet closer to Gas Well 24730 than the 2500 feet mandated by statewide spacing;

8.9. Applicant proposes to complete and operate Well CNR 825184 (PPN-4) for the purpose of producing Conventional Gas;

8 Mailing Of Order And Filing Of Affidavit: Applicant or its Attorney shall file an affidavit with the Secretary of the Board within sixty (60) days after the date of receipt of this Order stating that a true and correct copy of said Order was mailed within seven (7) days from the date of receipt of this Order to each person pooled by this Order whose address is known.

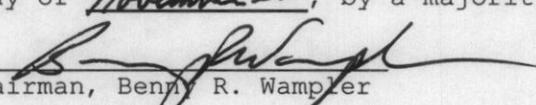
10. Availability of Unit Records: The Director shall provide all persons not subject to a lease with reasonable access to all records for Subject Drilling Unit which are submitted by the Unit Operator to said Director and/or his Inspector(s).

11. Conclusion: Therefore, the requested relief and all terms and provisions set forth above be and hereby are granted and IT IS SO ORDERED.

12. Appeals: Appeals of this Order are governed by the provisions of Va. Code Ann. § 45.1-361.9 which provides that any order or decision of the Board may be appealed to the appropriate circuit court. Such appeals must be taken in the manner prescribed in the Administrative Process Act, Va. Code Ann. § 2.4000 et seq. and Rule 2A of the Rules of the Virginia Supreme Court.

13. Effective Date: This Order shall be effective as of the date of the Board's approval of this Application, which is set forth at Paragraph 1 above.

DONE AND EXECUTED this 21<sup>st</sup> day of November 2003, by a majority of the Virginia Gas and Oil Board.

  
Chairman, Benny R. Wampler

DONE AND PERFORMED this 5<sup>th</sup> day of December, by Order of this Board.

  
B. R. Wilson  
Principal Executive to the Staff  
Virginia Gas and Oil Board

STATE OF VIRGINIA )  
COUNTY OF WISE )

Acknowledged on this 21<sup>st</sup> day of November, 2003, personally before me a notary public in and for the Commonwealth of Virginia, appeared Benny Wampler, being duly sworn did depose and say that he is Chairman of the Virginia Gas and Oil Board, that he executed the same and was authorized to do so.

Susan L. Lanett

Notary Public

My commission expires: 7/31/06

STATE OF VIRGINIA )  
COUNTY OF WASHINGTON )

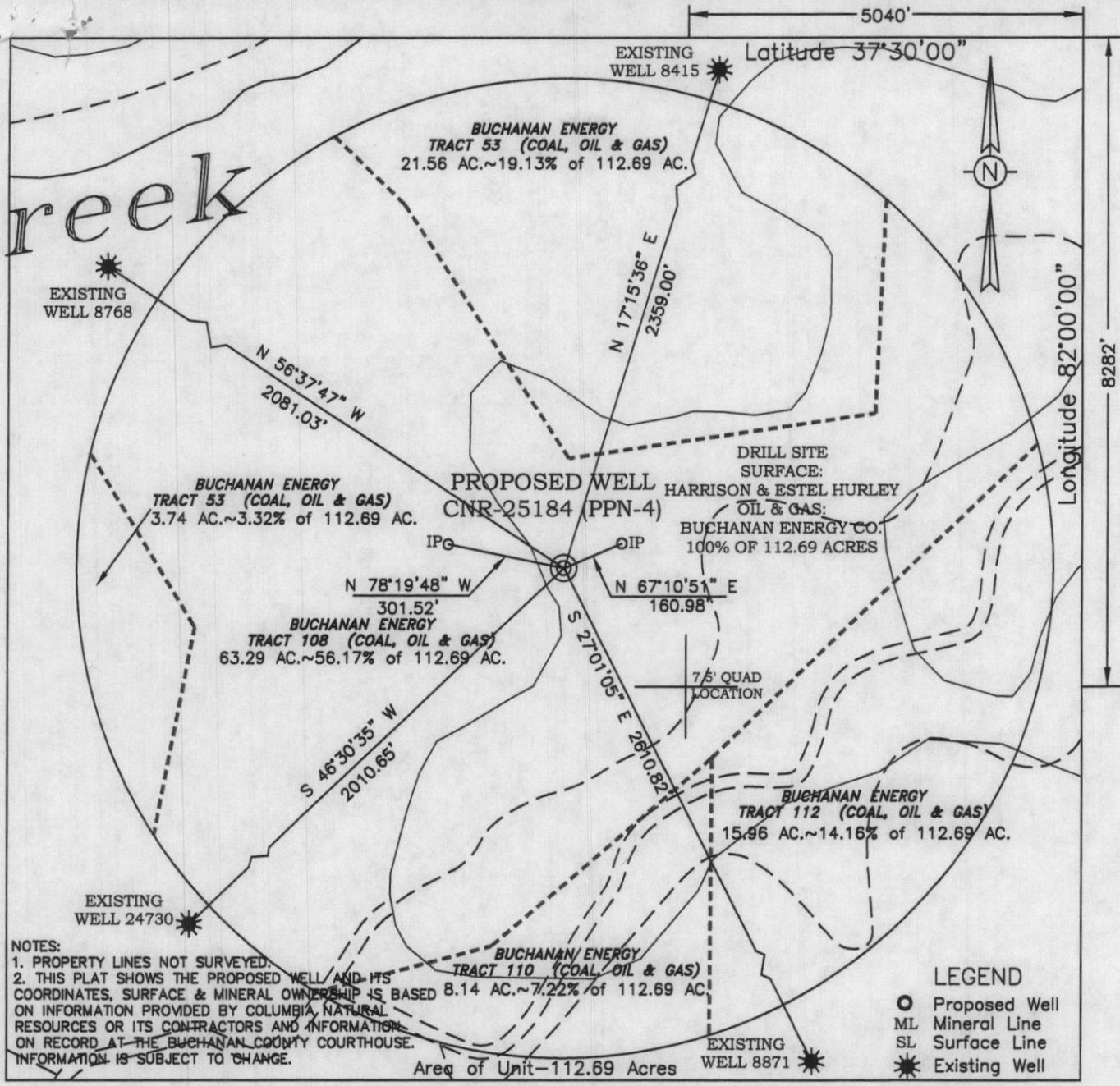
Acknowledged on this 5<sup>th</sup> day of December, personally before me a notary public in and for the Commonwealth of Virginia, appeared B. R. Wilson, being duly sworn did depose and say that he is Principal Executive to the Staff of the Virginia Gas and Oil Board, that he executed the same and was authorized to do so.

Drane J. Davis

Notary Public

My commission expires: 9/30/05

Creek



NOTES:  
 1. PROPERTY LINES NOT SURVEYED.  
 2. THIS PLAT SHOWS THE PROPOSED WELL AND ITS COORDINATES, SURFACE & MINERAL OWNERSHIP IS BASED ON INFORMATION PROVIDED BY COLUMBIA NATURAL RESOURCES OR ITS CONTRACTORS AND INFORMATION ON RECORD AT THE BUCHANAN COUNTY COURTHOUSE. INFORMATION IS SUBJECT TO CHANGE.

LEGEND  
 ○ Proposed Well  
 ML Mineral Line  
 SL Surface Line  
 \* Existing Well

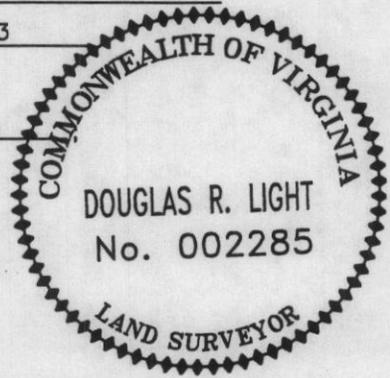
WELL LOCATION PLAT

Company Columbia Natural Resources Well Name or Number CNR-25184 (PPN-4)  
 Tract No. BUCHANAN ENERGY COMPANY TRACT 108 Quadrangle HURLEY  
 District KNOX  
 Well Coordinates (Virginia State Plane) N 435,477.56 E 979,518.83  
 Elevation: 1711.38 Method Used to Determine Elevation: Trig. Levels from GPS derived elevation.

County Buchanan Scale: 1" = 400' Date 02/25/03

This Plat is a new plat X; an updated plat \_\_\_\_\_; or a final location plat \_\_\_\_\_  
 + Denotes the location of a well on United States topographic maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

*Douglas R. Light* 4-9-'03  
 Licensed Professional Engineer or Licensed Land Surveyor



**EXHIBIT "B"**  
**Well No. 825184 (PPN-4)**  
**LOCATION EXCEPTION**

Buchanan Energy Company  
C/o John McNew  
P.O. Box 1560  
Grundy, VA 24614