

INSTRUMENT PREPARED BY
VIRGINIA GAS AND OIL BOARD

ORDER RECORDED UNDER CODE
OF VIRGINIA SECTION 45.1-361.26

V I R G I N I A:

BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT: Equitable Production Company)
) 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) 09/03/17-2495
V-502696)
)
LEGAL DESCRIPTION:)
)
)
DRILLING UNIT SERVED BY WELL NUMBERED)
V-502696 TO BE DRILLED IN THE LOCATION)
DEPICTED ON EXHIBIT A HERETO,)
Penn Virginia Operating Company LLC)
Tract PV-37)
Appalachia QUADRANGLE,)
Richmond MAGISTERIAL DISTRICT,)
Wise 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 April 21, 2009, Southwest Virginia Higher Education Center on the campus of Virginia Highlands Community College, Abingdon, Virginia.
2. Appearances: James E. Kaiser appeared for the Applicant.
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. 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. Relief Requested: Applicant requests (1) an exception to the statewide spacing limitations set forth in Va. Code § 45.1-361.17 for Well No. V-502696.
5. 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. V-502696, 2400/+ feet from proposed Well No. V-502697, at the location depicted on the Plat attached hereto.
6. Special Findings: The Board specifically and specially finds:
 - 6.1 Applicant is Equitable Production Company a West Virginia Corporation. Applicant is duly authorized and qualified to transact business in the Commonwealth of Virginia;
 - 6.2 Applicant Equitable Production Company is an operator in the Commonwealth of Virginia and has satisfied the Board's requirements for operations in Virginia;
 - 6.3 Applicant claims ownership of Conventional Gas leases of 100% percent of Subject Drilling Unit and the right to explore for, develop and produce Gas from same, i.e., Well No. V-502696 as well as from reciprocal well, i.e., Well No. V-502697.
 - 6.4 The proposed Well V-502696 is located on a surface, coal, oil and gas tract consisting of 287.87 acres known as Penn Virginia Operating Company LLC, Tract PV-37, and the surface, coal, gas and oil owner has consented to the proposed location for Well V-502696 that is depicted on the Plat attached hereto as Exhibit A;
 - 6.5 The Applicant testified it has the right to operate and develop the reciprocal Wells V-502697 and that the granting of the application filed herein will not impact the correlative rights of any person;
 - 6.6 An exception to the well spacing requirements of Va. Code § 45.1-361.17 for Well V-502696 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 400 million cubic feet of Conventional Gas underlying Subject Drilling Unit, and to generally effect the purposes of the Virginia Gas and Oil Act;

6.7 Applicant proposes the drilling of Well No. V-502696 to a depth of 5583 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, Base Lee Sand, Bluestone, Ravencliff, Maxon, Little Lime, Big Lime, Weir, Sunbury, Berea, Cleveland, Upper Huron, Middle Huron, Lower Huron, and Olentangy, from surface to a total depth of 5583 feet (Subject Formations");

6.8 Applicant proposes to drill Well V-502696 a distance of 100/+ feet closer to Gas Well V-502697, than the 2500 feet mandated by statewide spacing;

6.9 Applicant proposes to complete and operate Well V-502696 for the purpose of producing Conventional Gas;

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

8. 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. § 9-6.14:1 et seq. and Rule 2A of the Rules of the Virginia Supreme Court.

9. Effective Date: Effective Date: This Order shall be effective as of the date of the Boards approval of this application which is set forth in Paragraph 1 above.

DONE AND EXECUTED this 20 day of July, 2009 by
a majority of the Virginia Gas and Oil Board.

Bradley C. Lambert
Bradley Lambert, Chairman

DONE AND EXECUTED this 20 day of July, 2009 by
a majority of the Virginia Gas and Oil Board.

David E. Asbury, Jr.
David E. Asbury, Jr.
Principal Executive to the Staff
Virginia Gas and Oil Board

STATE OF VIRGINIA
COUNTY OF WASHINGTON

Acknowledged this Russell 20th day of July, 2009,
personally before me a notary public in and for the Commonwealth of Virginia, appeared Bradley Lambert,
being duly sworn did depose and say that he is Chairman of the Virginia Gas and Oil Board and David E.
Asbury, Jr., being duly sworn did depose and say that he is Principal Executive to the Staff of the Virginia
Gas and Oil Board, that they executed same and were so authorized to do.

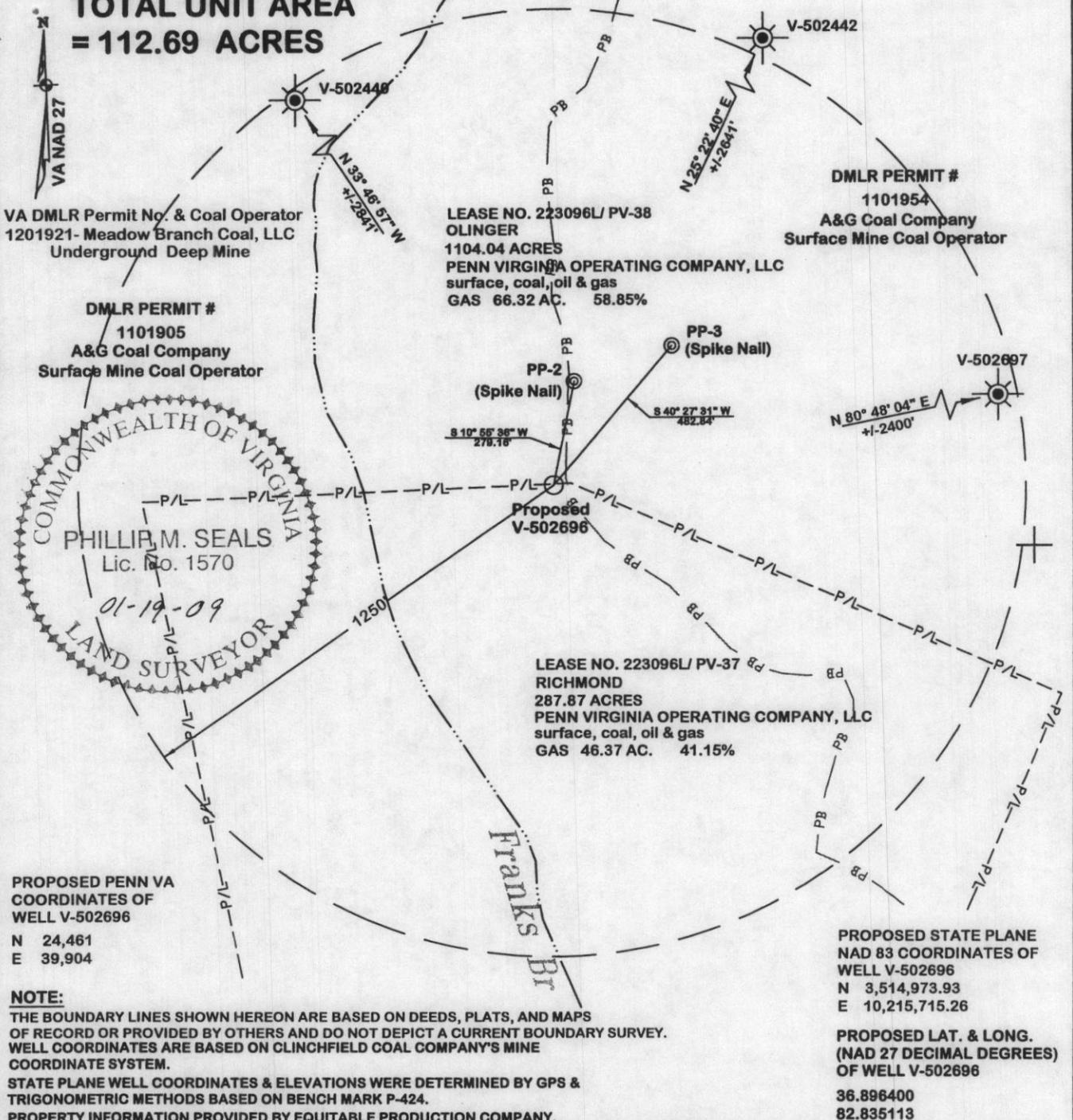
Diane J. Davis
Diane J. Davis, Notary, 174394

My Commission Expires September 30, 2009



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**TOTAL UNIT AREA
= 112.69 ACRES**

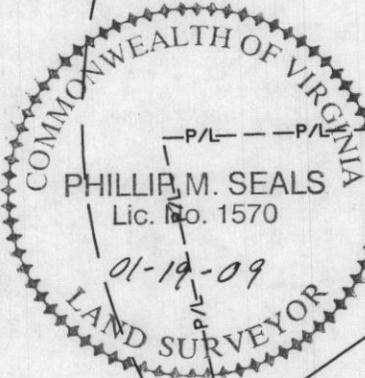


LONGITUDE 82° 50' 00"
7379

VA DMLR Permit No. & Coal Operator
1201921- Meadow Branch Coal, LLC
Underground Deep Mine

DMLR PERMIT #
1101954
A&G Coal Company
Surface Mine Coal Operator

DMLR PERMIT #
1101905
A&G Coal Company
Surface Mine Coal Operator



LEASE NO. 223096L/ PV-38
OLINGER
1104.04 ACRES
PENN VIRGINIA OPERATING COMPANY, LLC
surface, coal, oil & gas
GAS 66.32 AC. 58.85%

Proposed
V-502696

LEASE NO. 223096L/ PV-37
RICHMOND
287.87 ACRES
PENN VIRGINIA OPERATING COMPANY, LLC
surface, coal, oil & gas
GAS 46.37 AC. 41.15%

PROPOSED PENN VA
COORDINATES OF
WELL V-502696
N 24,461
E 39,904

PROPOSED STATE PLANE
NAD 83 COORDINATES OF
WELL V-502696
N 3,514,973.93
E 10,215,715.26

PROPOSED LAT. & LONG.
(NAD 27 DECIMAL DEGREES)
OF WELL V-502696
36.896400
82.835113

NOTE:
THE BOUNDARY LINES SHOWN HEREON ARE BASED ON DEEDS, PLATS, AND MAPS OF RECORD OR PROVIDED BY OTHERS AND DO NOT DEPICT A CURRENT BOUNDARY SURVEY. WELL COORDINATES ARE BASED ON CLINCHFIELD COAL COMPANY'S MINE COORDINATE SYSTEM.
STATE PLANE WELL COORDINATES & ELEVATIONS WERE DETERMINED BY GPS & TRIGONOMETRIC METHODS BASED ON BENCH MARK P-424.
PROPERTY INFORMATION PROVIDED BY EQUITABLE PRODUCTION COMPANY.

WELL LOCATION PLAT

COMPANY EQUITABLE PRODUCTION CO. WELL NAME OR NUMBER V-502696
TRACT NO. PV-37 QUADRANGLE Appalachia
DISTRICT Richmond
WELL COORDINATES (VIRGINIA STATE PLANE) N 234,103.37 E 732,732.25
ELEVATION 2165.76 METHOD USED TO DETERMINE ELEVATION: GPS & TRIG.
COUNTY Wise SCALE: 1" = 400' DATE 01-19-09
THIS PLAT IS A NEW PLAT ; 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.

Phillir M. Seals

LICENSED LAND SURVEYOR