

INSTRUMENT PREPARED BY  
VIRGINIA GAS AND OIL BOARD

ORDER RECORDED UNDER CODE  
OF VIRGINIA SECTION 45-1-361.26

VIRGINIA:

BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT:	RANGE RESOURCES – PINE MOUNTAIN INC.	) VIRGINIA GAS
		) AND OIL BOARD
		)
		)
RELIEF SOUGHT:	ESTABLISHMENT OF A PROVISIONAL DRILLING	)
	UNIT CONSISTING OF 320 ACRES DESCRIBED	) DOCKET NO.
	AND DEPICTED IN EXHIBIT A (herein "Subject Lands"	) VGOB 09/01/20-2444
	PURSUANT TO VA CODE § 45.1-361.20;	)
	FOR THE DRILLING OF HORIZONTAL	)
	CONVENTIONAL GAS WELLS	)
		)
		)
LEGAL DESCRIPTION:		)
		)
	SUBJECT DRILLING UNIT SERVED BY	)
	WELL: Range 2444	)
	TO BE DRILLED IN THE LOCATION	)
	DEPICTED ON "EXHIBIT A" HERETO,	)
	CANEY RIDGE QUADRANGLE	)
	KENADY MAGISTERIAL DISTRICT	)
	DICKENSON COUNTY, VIRGINIA	)

**REPORT OF THE BOARD**

**FINDINGS AND ORDER**

1. **Hearing Date and Place:** This matter came before the Virginia Gas and Oil Board (hereafter "Board") for final hearing at 9:00 a.m. on January 20, 2009 at the Southwest Virginia Higher Education Center, Abingdon, Virginia.

2. **Appearances:** James E. Kaiser, of Wilhoit and Kaiser, appeared for the Applicant. 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 entitled by the VA. Code and Board Rules to Notice hereof; and (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 the Application filed herein; Whereupon, the Board hereby finds that the notices given herein satisfy all statutory requirements, Board rule requirements and the minimum standards of due process.

4. **Relief Requested:** Applicant request the Board issue an order providing as follows:

An establishment of a provisional unit for the exploration, development and production of conventional natural gas from the pool defined as the top of the Mississippi-Devonian Age formations, including, but not limited to, the Weir, Big Lime, Berea, Devonian Shale, and all zones in communication therewith and all productive extensions thereof (hereinafter the "Pool"), underlying the area, as depicted in Exhibit "A" and described as follows:

Said boundaries are described using the State Plane Coordinate System as required by 4 VAC 25-160-50.5.c.

Beginning at approximate Virginia State Plane Coordinate (NAD 1927, South Zone): N: 289,227; E: 853,094, thence East to Virginia State Plane Coordinate (NAD 1927, South Zone): N 289,072; E 856,826; thence South to Virginia State Plane Coordinate (NAD 1927, South Zone): N 285,342; E 856,671; thence West to Virginia State Plane Coordinate (NAD 1927, South Zone): N 285,497; E 852,939; thence North to the point of beginning containing 320.00 acres.

Providing that operations under and in accordance with this order shall be regarded and considered as development, operation and production upon all lands included within the subject provisional drilling unit. Production from any wells drilled on operated, or produced from any part of the provisional drilling unit, no matter where located, shall for all purposes be regarded as production from each separately-owned tract within the subject provisional drilling unit. The portion of production produced from and attributed to the provisional drilling unit and any separately owned tract therein, shall be deemed for all purposes to have been actually produced from such provisional drilling unit and tract, and development, exploration or production operation with respect to any portion of the provisional drilling unit shall be deemed for all purposes to be the conduct of such operation for the production of gas from each separately owned tract in said unit.

5. **Relief Granted:** Granting of such other relief as is merited by the evidence and is just and equitable whether or not such relief has been specifically requested herein shall be and hereby is granted.

6. **Special Findings:** The Board finds:

- (1) To Establish a Provisional Drilling Unit pursuant to Va. Code § 45.1-361.20;
- (2) Allow multiple wells within the provisional drilling unit established hereby as depicted on Exhibit "A"
- (3) Approve that the dimensions of the unit be 3733' by 3733'
- (4) That the Unit be established with a 300' interior window with a 600' standoff from horizontal wellbores in adjacent units;
- (5) That the operator be allowed to drill surface locations (top-hole) outside of the unit so long as all production comes from within the interior window of the unit, and
- (6) That there be a minimum of 600' between any horizontal wellbore and any vertical well producing from that horizon and that
- (7) The Order provides for multiple wells for maximum drainage.

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.

9. **Effective Date:** This Order shall be effective as of the date of the Board's approval.

DONE AND EXECUTED this 21<sup>st</sup> day of April, 2015, by a majority of the Virginia Gas and Oil Board.

Bradley C. Lambert  
Bradley Lambert, Chairman

DONE AND EXECUTED this 21<sup>ST</sup> day of April, 2015, by a majority of the Virginia Gas and Oil Board.

Rick Cooper  
Rick Cooper  
Principal Executive to the Staff  
Virginia Gas and Oil Board

STATE OF VIRGINIA  
COUNTY OF RUSSELL:

Acknowledged this 21<sup>st</sup> day of April, 2015, 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 Rick Cooper 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 authorized to do so.

Sally Settle Ketron  
Sally Settle Ketron

My Commission Expires January 31, 2019



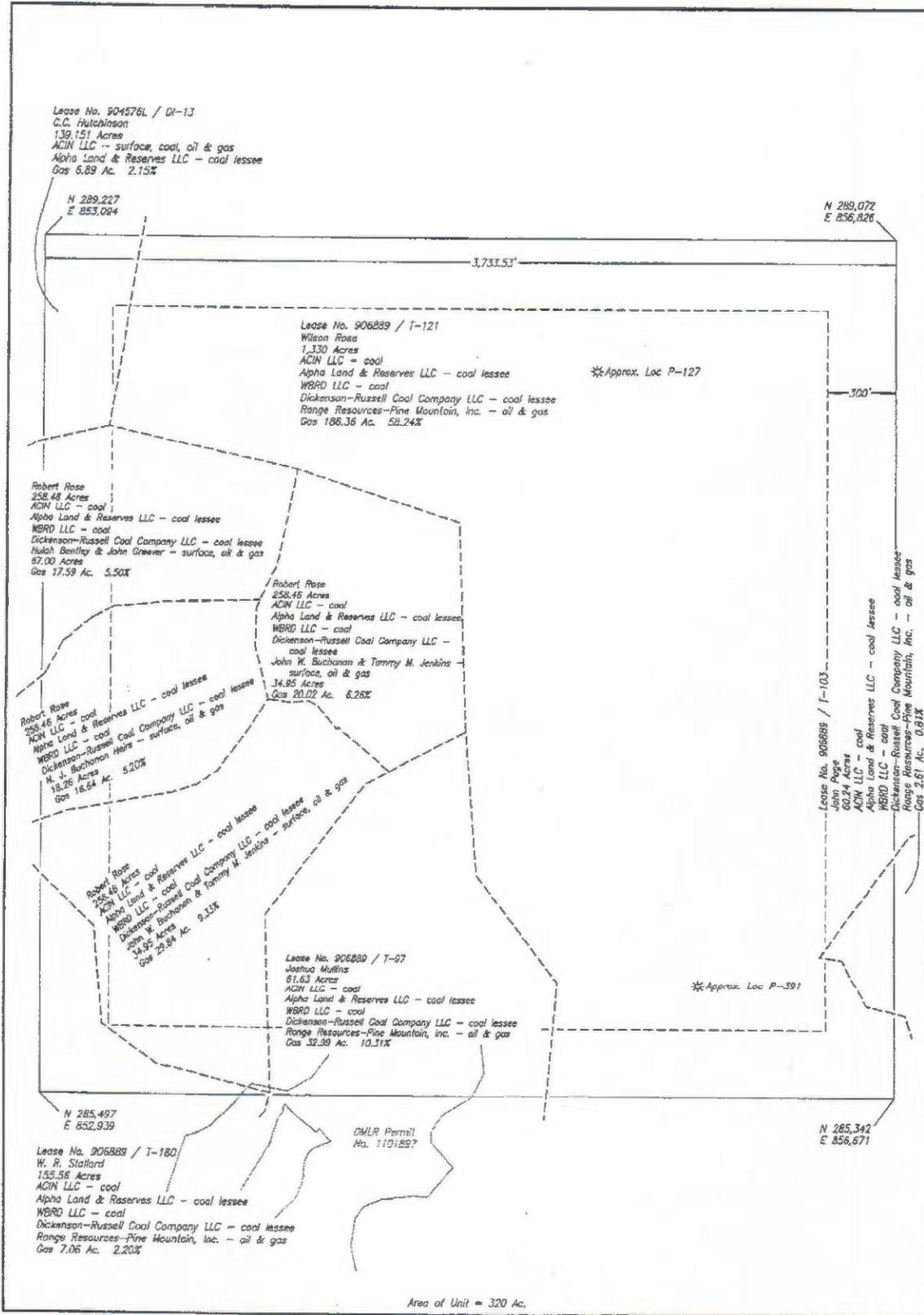


EXHIBIT A

COMPANY Range Resources-Pine Mountain, Inc. WELL NAME AND NUMBER \_\_\_\_\_  
 TRACT NO. \_\_\_\_\_ QUADRANGLE Caney Ridge COUNTY Dickenson  
 DISTRICT Kenady SCALE 1" = 400' DATE 12-11-2008

**Exhibit "B"**

09/01/20-2444

Dickenson-Russell Coal Company  
Attn: Paul Campbell  
5703 Crutchfield Drive  
Norton, VA 24273

ALPHA Land & Reserves, LLC  
Larry Cline  
406 West Main Street  
Abingdon, VA 24210

WBRD LLC  
John Mooney  
P.O. Box 2827  
Huntington, WV 25727

ACIN LLC  
John Mooney  
P.O. Box 2827  
Huntington, WV 25727

Equitable Production Company  
Attn: George Heflin  
Cloverleaf Square Building B  
Big Stone Gap, VA 24219

**N.J. Buchanan Heirs**  
Cynthia Juanita Buchanan  
3212 Parker Street  
Mims, FL 32754-3831

Bonnie Buchanan  
c/o Holly Lewellyn - Agent and  
Attorney-in-Fact  
424 Logan Circle  
Bluff City, TN 37618

Robert J. Lovelace  
8202 Barren Road  
Roanoke, VA 24019-2309

Billy Lee Buchanan  
Box 125 Pioneer Street  
Clintwood, VA 24228

Jean Buchanan Deel  
2120 Tallwood Drive  
Kingsport, TN 37660

H.W. and Norma Buchanan  
740 Chilhowee Lane  
Bean Station, TN 37708-6732

Mary Crabtree Buchanan  
P.O. Box 748  
Clintwood, VA 24228

Joan Buchanan Choate  
916 South View Drive  
Marion, VA 24354

Carol P. Buchanan  
P.O. Box 1006  
Wise, VA 24293

Donald and Delores B. Smith  
Route 2, Box 2F  
Clintwood, VA 24228

Marshall and Francis Sherwood Wright Hughes  
P.O. Box 694  
Clintwood, VA 24228

Marshall Thomas and Joann Buchanan  
219 Wallace Pike  
Bristol, VA 24202

John Demar and Sue Ann Thomason Marsh  
820 Park Street  
Bristol, VA 24201

Ralph and Rita Jo English  
205 River Oaks Road  
Alta Vista, VA 24517

Louise Thomason  
1175 Black Duck Court  
Virginia Beach, VA 23451

Alex and Mary Coleman Samsel  
3513 Osceola Drive  
Melbourne, FL 32901

Paul D. and Vonda Buchanan  
Westend Street  
Clintwood, VA 24228

James M. and Delores Coleman  
541 Ranier Street, NE  
Palm Bay, FL 32907-1363

Mae Coleman  
3513 Osceola Drive  
Melbourne, FL 32901

DB 525 PG771

Hulah Lloyd Bently Revocable Trust  
13840 North Desert Harbor Dr, Apt. 131  
Peoria, AZ 83581

John Greever Revocable Trust of 2003  
P.O. Box 413  
Orcas, WA 98280

John Buchanan and Tammy M. Jenkins  
1535 Crockett Ridge  
Coeburn, VA 24230

INSTRUMENT #150000501  
RECORDED IN THE CLERK'S OFFICE OF  
DICKENSON ON  
MAY 15, 2015 AT 09:49AM

RICHARD W. EDWARDS, CLERK  
RECORDED BY: CJB