

BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant: Range Resources-Pine Mountain, Inc.)
)
Relief Sought: Establish Drilling Unit and)
 Pooling of Well No. V-530349)
)
Legal Description: William Roberson WI-82/Gus Mitchell Tract) Docket Number:
 27.304 acres) VGOB-14-0520-4048
 Kenady District)
 Caney Ridge Quadrangle)
 Dickenson County, Virginia)
)
 (See Exhibit A for Specific)
 Description))

APPLICATION

SECTION 1. PARTIES

1.1 Applicant herein is Range Resources-Pine Mountain, Inc. whose address is 406 West Main Street, P. O. Box 2136, Abingdon, Virginia 24212, and whose telephone number is (276) 628-9001. The attorney for Applicant is Timothy E. Scott, McKinnis & Scott, Attorneys at Law, having an address of 135 West Main Street, Suite 200, Kingsport, Tennessee, 37660, and whose telephone number is (423) 247-9376.

1.2 Applicant has the right to investigate, explore, prospect, drill for, and produce oil and/or gas underlying the drillsite tract depicted and set forth on Exhibit A attached hereto and made a part hereof. Exhibit A is a plat prepared by a licensed land surveyor or registered professional engineer showing the boundary and acreage of the Drilling Unit within which Applicant's well is proposed to be located (hereinafter referred to as the "Unit").

1.3 The names and last-known addresses of each person identified by Applicant as owning an interest of record in the oil and gas within the Unit are listed on Exhibit B, attached hereto and made a part hereof. Every individual or entity so identified as having an interest in the oil and gas in the Unit is being made a party to this application, whether known or unknown. Each of the individuals named in Exhibit B is being made a party if living; if any such individual is deceased, then the unknown heirs, devisees, executors, administrators, personal representatives, trustees and assignees, of any such deceased individual are made parties herein. Each of the entities listed in Exhibit B that is a corporation is being made a party if such entity continues to have legal existence, and if any such corporation is dissolved, then the unknown successors and assigns of such dissolved corporation are made parties herein. Each of the parties listed in Exhibit B that is an unincorporated association is being made a party if such entity continues to have legal existence, and if any such unincorporated association is dissolved or otherwise not in existence, then the unknown successors, trustees, and assigns of such unincorporated association are made parties herein.

SECTION 2. ALLEGATION OF FACTS

A. Pooling of Interests

2.1 Applicant hereby states that it is a "gas or oil owner" within the meaning of § 45.1-361.21 of the Code of Virginia, being the lessee of the oil and gas owner of the drillsite tract within the Unit. Applicant is the owner of the right to develop and produce oil and gas from all formations, from the surface to total depth drilled, underlying said tract of land, and to appropriate the oil and gas produced therefrom.

2.2 Applicant further states that there exists within the Unit (i) two or more separately owned tracts or (ii) separately owned interests in all or part of such Unit, within the meaning of § 45.1-361.21 A of the Code of Virginia.

2.3 Applicant further states that, as of the date of the filing of this application, it has been unable to procure a voluntary agreement from each oil and gas interest owners within the Unit, and thus is entitled to file this application to pool such interests. Those parties who have not entered into a voluntary agreement with Applicant are listed on Exhibit B-3 attached hereto and made a part hereof.

2.4 Applicant has proposed a plan of development and operation of the oil and gas formations underlying the Unit, such plan to be commenced by the drilling on the Unit of Applicant's proposed well, designated as the V-530349 Well, for the production of oil and gas from the Unit.

2.5 A well work permit for the V-530349 Well has been or will be submitted to the Department of Mines, Minerals and Energy.

2.6 Applicant has exercised due diligence to locate each of the oil and gas interest owners named herein on Exhibit B-3 and has made or is making a bona fide effort to reach an agreement with all parties as to pooling their oil and gas interest for the development and operation of the well involved herein. Simultaneously with the filing of this application, Applicant has provided notice, by certified mail, return receipt requested, to each of the parties set forth on Exhibit B pursuant to the provisions of § 45.1-361.19 of the Code of Virginia, being all parties known to the Applicant having an interest in the oil and gas underlying the Unit. Any owners whose identities or locations are unknown at the time of the filing of this application are shown on Exhibit B. Where the identity or location of any person or entity is unknown, then Applicant is unable to provide said persons or entities with written notice or personal service of this application. Any unknown or unlocatable owners, if any, in the Subject Drilling Unit are listed in Exhibit E. The oil and gas interests of such persons or entities, whether known or unknown, should be pooled for the development and operation of the Unit, so as to safeguard, protect, and enforce the correlative rights of oil and gas owners having interests within the Unit, and to prevent waste and avoid the drilling of unnecessary wells, thus allowing the orderly development of the oil and gas resources within the Unit.

B. Costs and Production

2.7 Applicant proposes to drill at the location depicted on the plat attached hereto as Exhibit A to an approximate depth of 4,349 feet to test for oil and gas from all formations from

the base of the Lee, including but not limited to: Ravencloff, Maxon, Big Lime, Weir, Berea, Devonion Shale, and other associated formations know to the Nora Gas Field. Applicant estimates the cost for a well drilled to said depth to be \$530,098.00 if completed for production. Attached hereto and made a part hereof as Exhibit C is Applicant's Authority for Expenditure (AFE) which shows the estimated cost of drilling, completing, and equipping said well.

2.8 The estimated production over the life of the proposed well is 550 mmcf. Such figures regarding estimated production and the amount of any reserves for the proposed well are, however, estimates only that are not based upon actual production and should not be relied upon for any purpose.

SECTION 3. LEGAL AUTHORITY

3.1 The relief sought by this application is authorized by Virginia Code Annotated §45.1-361.20 and § 45.1-361.21 *et seq.* of the Code of Virginia and § 4 VAC 25-160-70 *et seq.* of the Gas and Oil Board Regulations of the Commonwealth of Virginia.

SECTION 4. RELIEF SOUGHT

4.1 Applicant requests the Board to enter an order as follows:

a. Authorizing the drilling and operation of Applicant's proposed V-530349 Well, as depicted on Exhibit A;

b. Establishing a drilling unit as depicted on Exhibit A pursuant to § 45.1-361.20 of the Code of Virginia. Pooling all the interests of every individual and entity owning an interest in oil and gas within the Unit, whether known or unknown, and their known and unknown heirs, devisees, executors, administrators, personal representatives, trustees, successors, and assigns, for the drilling, development, and production of oil and gas from the Unit;

c. Designating Range Resources-Pine Mountain, Inc., Applicant herein, as the operator who will be authorized to drill, complete, and operate the well drilled in the Unit, and the right to market and sell oil and gas produced from the Unit and attributable to the interests pooled herein;

d. Prescribing the conditions under which the parties listed on Exhibit B-3 shall have the right to elect: (i) to sell or lease his gas or oil ownership to said operator on such terms as the parties may agree, or if unable to agree, upon such terms as are set forth by the Board in its order; (ii) to become a working interest owner by participating in the risk and cost of the well; or (iii) to participate in the operation of the well as a nonparticipating operator on a carried basis;


e. Providing that all reasonable costs and expenses of drilling, completing, equipping, operating, plugging and abandoning the well to be drilled within the Unit shall be borne, and all production therefrom shared, by all participating parties in the proportion which their working interest bears to the total acreage in the Unit;

f. Establishing a reasonable fee for the Applicant as operator for operating costs, including a reasonable supervision fee, which shall include routine maintenance of the well and all accounting necessary to pay all expenses, royalties, and amounts due working interest owners, which fee shall be borne by all parties who elect to participate as a working interest owner or as a carried interest owner; and

g. Granting such other relief as is merited by the evidence and is just and equitable, whether or not such relief has been specifically requested herein.

Dated this 17th day of April, 2014.

Range Resources-Pine Mountain, Inc.

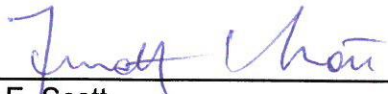
By: 

Timothy E. Scott
McKINNIS & SCOTT
135 West Main Street, Suite 200
Kingsport, Tennessee 37660
(423)247-9376

Attorney for Applicant

VERIFICATION

The foregoing application to the best of my knowledge, information, and belief is true and correct.



Timothy E. Scott
McKINNIS & SCOTT
Attorneys at Law

[c:\msword2000\pmog\pooling.well no. V-530349.application May 2014]

BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant: Range Resources-Pine Mountain, Inc.)
)
)
 Relief Sought: Establish Drilling Unit and)
 Pooling of Well No. V-530349)
)
 Location: See Exhibit A) Docket No.
 Well Number: V-530349) VGOB-14-0520-4048
)
)
)
 Legal)
 Description: William Roberson WI-82/Gus Mitchell Tract)
 27.304 acres)
 Kenady District)
 Caney Ridge Quadrangle)
 Dickenson County, Virginia)

NOTICE OF HEARING

HEARING DATE: May 20, 2014
 PLACE: Russell County Conference Center
 Lebanon, Virginia
 TIME: 9:00 a.m.

COMMONWEALTH OF VIRGINIA: To all unleased persons owning an interest in the oil and gas in and underlying the unit surrounding Well Number V-530349 as described on Exhibit A to the application, which is attached to this Notice, in Dickenson County, Virginia (hereinafter "Subject Lands") and adjacent lands, and in particular to the following persons, their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, both immediate and remote:

See attached Exhibit B.

NOTICE IS HEREBY GIVEN that the Applicant is requesting that the Virginia Gas and Oil Board (hereinafter "Board") issue an order establishing a drilling unit and pooling all the rights, interests, and estates of the persons listed in Exhibit B-3 pursuant to Virginia Code Ann. § 45.1-361.1 *et seq.* in regard to the drilling, development and production of oil and gas from the V-530349 Unit Well, containing approximately 112.69 acres, located on the above-referenced tracts and approximately 1,470 feet northeast of the intersection of Virginia State Routes 640 and 72 and approximately 1,970 feet northeast of the intersection of Virginia State Routes 634, and 72 located in the Kenady District, Caney Ridge Quadrangle, Dickenson County, Virginia. Applicant requests that the Board issue an order providing as follows:

- a) Establishing a drilling unit as depicted on Exhibit A pursuant to § 45.1-361.20 of the Code of Virginia. Pooling all the interests and estates of the persons named herein and their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, for the drilling, development and production of oil and gas

from the subject drilling unit for the subject formations underlying and comprised of the Subject Lands;

- b) Establishing a procedure whereby each person named herein shall have the right to elect (1) to assign or lease his oil and gas interest in the subject drilling unit to the designated operator; (2) to enter into a voluntary agreement with the designated operator to share in the operation (including the sharing in all reasonable costs of the drilling of the well and development of the unit) at a rate of payment mutually agreed to by the person making the election hereunder and the designated operator herein; or (3) to share in the operation of the well as a nonparticipating operator on a carried basis after the proceeds allocable to such person's share equal the following:

In the case of a leased tract, 300 percent of the share of the costs are allocable to such person's interest; or

In the case of an unleased tract, 200 percent of the share of such costs allocable to such person's interest;

- c) Providing that any person named herein who does not make a timely written election under the terms of the Order to be entered herein shall be deemed to have leased his oil and gas interest in the subject drilling unit to the operator designated herein at a rate to be established by the Board;
- d) Designating Applicant, Range Resources-Pine Mountain, Inc., as Operator; providing that the operator shall have the right to drill, develop, produce, market, and sell oil and gas produced from the subject drilling unit; granting the operator the right to market and sell oil and gas produced from the subject drilling unit which is attributable to any conflicting claims and interests pooled herein; providing that the operator shall have an operator's lien on the oil and gas and estate and rights owned or claimed by the unleased persons named herein in the subject drilling unit; and granting the operator the right to drill at any legal or specially permitted location on the subject drilling unit;
- e) Making any necessary provision for the escrow of funds pursuant to § 45.1-361.22 of the Code of Virginia;
- f) Providing that the order to be entered herein shall expire two (2) years from the date of its issuance if operations for the development of the subject drilling unit have not commenced by said date; but further providing that if operations have commenced during said two year period, then said order shall remain in effect for so long as operations continue on the subject drilling unit;
- g) Providing that the conduct of operations on any tract in the subject drilling unit shall be deemed to be the conduct of operations on all tracts in the drilling unit; and providing that the production allocated to any tract in the pooled drilling unit shall be in the same proportion as the acreage of that tract bears to the total acreage in the drilling unit; and

- h) Granting such other relief as is merited by the evidence and is just and equitable whether or not such relief has been specifically requested herein.

NOTICE IS FURTHER GIVEN that this cause has been set for hearing and the taking of evidence before the Board at **9:00 a.m. on May 20, 2014**, at the Russell County Conference Center, Lebanon, Virginia and that notice will be published as required by the law and the rules of the Board.

NOTICE IS FURTHER GIVEN that you may attend this hearing, with or without an attorney, and offer evidence or state any comments you have. For further information, contact the Virginia Gas and Oil Board, State Gas and Oil Inspector, Department of Mines, Minerals and Energy, Division of Gas and Oil, 135 Highland Drive, Lebanon, Virginia, 24266, (276) 415-9650 or the Applicant at the address shown below.

Dated this 17th day of April, 2014.

Range Resources-Pine Mountain, Inc.
406 West Main Street
Abingdon, Virginia 24210



Timothy E. Scott
McKINNIS & SCOTT
Attorney for
Range Resources-Pine Mountain, Inc.
135 West Main Street, Suite 200
Kingsport, Tennessee 37660
(423)247-9376

CERTIFICATE OF SERVICE

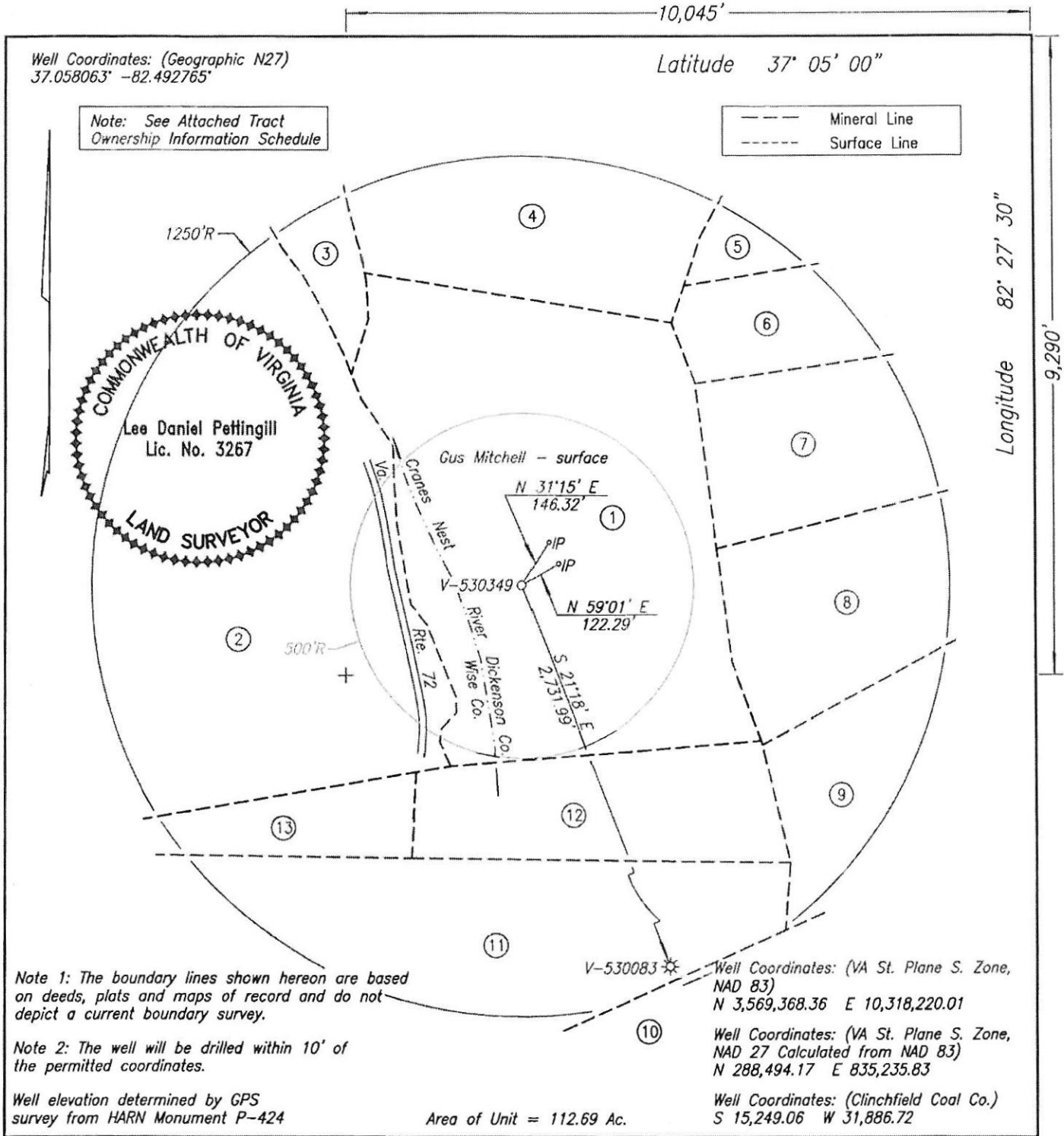
I, Timothy E. Scott, counsel for Range Resources-Pine Mountain, Inc. hereby certify that I have on this, the 17th day of April, 2014, caused the foregoing notice and application to be served upon the parties listed herein, at their address, by certified mail, return receipt requested.

Dated this 17th day of April, 2014.



Timothy E. Scott
McKINNIS & SCOTT
Attorneys at Law

[c:\msword2000\pmog\pooling.well no.V-530349.notice.personal]



COMPANY Range Resources-Pine Mountain, Inc. WELL NAME AND NUMBER V-530349
 TRACT NO. Gus Mitchell ELEVATION 1,593.28' QUADRANGLE Caney Ridge
 COUNTY Dickenson DISTRICT Kenady SCALE 1" = 400' DATE 4-14-2014

This Plat is a new plat ; an updated plat x; 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.

Lee Daniel Pettingill
 Licensed Professional Engineer or Licensed

EXHIBIT A

V-530349 PLAT
TRACT OWNERSHIP INFORMATION SCHEDULE
4/14/2014

- | | |
|---|---|
| <p>1 . WI-82
 William Roberson
 507.596 Acres
 ACIN LLC - coal
 Alpha Land & Reserves LLC - coal lessee
 Lease No. 450513517
 Gus Mitchell - surface, oil & gas
 27.304 Acres
 Gas 27.61 Ac. 24.50%</p> | <p>9 . Lease No.
 Avery Dotson - surface, oil & gas
 21 Acres
 Gas 4.58 Ac. 4.06%</p> |
| <p>2 . WI-82
 William Roberson
 507.596 Acres
 ACIN LLC - coal
 Alpha Land & Reserves LLC - coal lessee
 Lease No. 451950548
 Heirs of J. W. Robinson - surface, oil & gas
 189.1 Acres
 Gas 27.72 Ac. 24.60%</p> | <p>10 . Lease No. 450512902 (Range Resources-Pine Mountain, Inc.)
 Lease No. 241493L (EQT Production - Nora)
 Steinman Development Co., a Limited Partnership -
 oil & gas
 1,880 Acres
 Gas 0.18 Ac. 0.16%</p> |
| <p>3 . Lease No.
 James & Patricia Bryant - surface, oil & gas
 20.636 Acres
 Gas 1.59 Ac. 1.41%</p> | <p>11 . Lease No. 451950556
 Cranes Nest River Farms
 25 Acres
 Range Resources-Pine Mountain, Inc. - oil & gas
 Gas 13.48 Ac. 11.96%</p> |
| <p>4 . Lease No. 450513517
 Gus Mitchell - surface, oil & gas
 24.929 Acres
 Gas 8.68 Ac. 7.70%</p> | <p>12 . Lease No. 450513517
 Gus Mitchell - surface, oil & gas
 7.141 Acres
 Gas 7.40 Ac. 6.57%</p> |
| <p>5 . Lease No.
 Roger Shane Layne - surface, oil & gas
 9.058 Acres
 Gas 1.00 Ac. 0.89%</p> | <p>13 . Lease No.
 Bernard Cantrell - surface, oil & gas
 3.318 Acres
 Gas 2.99 Ac. 2.65%</p> |
| <p>6 . Lease No.
 Cindy Lee Fritz & Jason Ashley Fritz - surface, oil & gas
 6.593 Acres
 Gas 3.31 Ac. 2.94%</p> | |
| <p>7 . Lease No.
 Buelah Layne - surface, oil & gas (Life Estate)
 Roger V. Layne - surface, oil & gas (1/3 int. remainder)
 Wanda L. Kiser - surface, oil & gas (1/3 int. remainder)
 Freddy A. Layne - surface, oil & gas (1/3 int. remainder)
 12.5 Acres
 Gas 6.50 Ac. 5.77%</p> | |
| <p>8 . Lease No.
 Danny C. Rose - surface, oil & gas (1/7 int.)
 Debra C. Polley - surface, oil & gas (1/7 int.)
 Steven M. Rose - surface, oil & gas (1/7 int.)
 Sandra K. Caputo - surface, oil & gas (1/7 int.)
 Patricia Nau - surface, oil & gas (1/7 int.)
 Judy K. Good - surface, oil & gas (1/7 int.)
 Kyle Rose - surface, oil & gas (1/7 int.)
 14 Acres
 Gas 7.65 Ac. 6.79%</p> | |

Exhibit "B"
V-530349

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit	
Gas Estate Only					
1	Gus Wayne & Racheal Mitchell 11 East 23rd Street Bigstone Gap, VA 24219 Tax Card ID - 20856-4010	Leased	24.50000000	27.61000000	
2	Tax Card ID - Minerals Only				
	Shelby Flanary Roberson 153 Bowen Court Lane Duffield, VA 24244	Leased	6.15000000	6.93000000	1/4
	Eva Roberson 118 Mountain Drive Weber City, VA 24298	Leased	6.15000000	6.93000000	1/4
	Margaret & Carl E Brickey 3595 Brookbark Drive Pfafftown, NC 27040	Leased	1.23000000	1.38600000	1/20
	Billy Joe & Shirley B Dorton 4424 Appaloosa Drive East Bend, NC 27018	Leased	1.23000000	1.38600000	1/20
	Everett N & Shirley P Dorton 1433 Bloomtown Road East Bend, NC 27018	Leased	1.23000000	1.38600000	1/20
	Ella & Marvin Styers 120 Ashley Land King, NC 27021	Leased	1.23000000	1.38600000	1/20
	Judy & Terry Nahay 5201 Lonesome Pine Drive East Bend, NC 27018	Leased	1.23000000	1.38600000	1/20
	Eddie & Linda Smith 5530 Vienna Dozier Road Pfafftown, NC 27040	Leased	1.53750000	1.73250000	1/16
	Jackie & Ronnie Pressley 1410 Old Spencer Mountain Road Dallas, NC 28034	Leased	1.53750000	1.73250000	1/16
	Jess W & Shannon Smith 5724 Stanleyville Drive	Leased	1.53750000	1.73250000	1/16

Winston-Salem, NC 27105

	Douglas Edward Smith 1410 Old Spencer Mountain Road Dallas, NC 28034	Leased	1.53750000	1.73250000	1/16
	Tract 2 Totals		24.60000000	27.72000000	
3	James & Patricia Bryant 12868 River Ln Coeburn, VA 24230 Tax Card ID -20865-1148	Unleased	1.41000000	1.59000000	
4	Gus Wayne & Racheal Mitchell 11 East 23rd Street Bigstone Gap, VA 24219 Tax Card ID - 20856-4010	Leased	7.70000000	8.68000000	
5	Roger Shane Layne & Janette L Ramey 326 Tempes Branch Rd Coeburn, VA 24230 Tax Card ID - 4947-6073	Unleased	0.89000000	1.00000000	
6	Cindy L & Jason A Fritz 330 Tempes Branch Coeburn, VA 24230 Tax Card ID - 20099-3538	Unleased	2.94000000	3.31000000	
7	Tax Card ID - 4946-6077 Beulah Layne C/O Roger V Layne 546 Reedy Ridge Road Clintwood, VA 24228	Unleased Life Estate	0.00000000	0.00000000	
	Roger V Layne 546 Reedy Ridge Road Clintwood, VA 24228	Unleased Remainder	1.92333333	2.16666667	1/3
	Wanda L Kiser 371 Tempes Branch Rd Coeburn, VA 24230	Unleased Remainder	1.92333333	2.16666667	1/3
	Freddy Layne 216 Tempes Branch Rd Coeburn, VA 24230	Unleased Remainder	1.92333333	2.16666667	1/3
	Tract 7 Totals		5.77000000	6.50000000	
8	Tax Card ID - 5827-9636 Danny C Rose PO Box 1001	Unleased	0.97000000	1.09285714	1/7

Marion, VA 24354

	Debra C & Vince Goodman 243 Willow Bend Dr Kingsport, TN 37663	Unleased	0.97000000	1.09285714	1/7
	Steven M & Jinger Rose PO Box 1213 Clintwood, VA 24228	Unleased	0.97000000	1.09285714	1/7
	Sandra Rose 701 Cobblestone Unit 211 Fredricksburg, VA 22401	Unleased	0.97000000	1.09285714	1/7
	Patricia Rose 1329 Galbraith St Blue Earth, MN 56013	Unleased	0.97000000	1.09285714	1/7
	Judy K Good 585 Tempes Branch Rd Coeburn, VA 24230	Unleased	0.97000000	1.09285714	1/7
	Kyle Rose 1398 Red Horse Dr Goodview, VA 24095	Unleased	0.97000000	1.09285714	1/7
	Tract 8 Totals		6.79000000	7.65000000	
9	Avery Dotson 323 Walnut St NW Norton, VA 24273 Tax Card ID - 4514-2538	Unleased	4.06000000	4.58000000	
10	Steinman Development Company, LP ATTN: Harry W Meador 1912 Wildcat Road Big Stone Gap, VA 24219	Leased	0.16000000	0.18000000	
11	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - Minerals Only	Owner	11.96000000	13.48000000	
12	Gus Wayne & Racheal Mitchell 11 East 23rd Street Bigstone Gap, VA 24219 Tax Card ID - 20856-4010	Leased	6.57000000	7.40000000	
13	Bernard Cantrell 9014 Robinette Circle Wise, VA 24293	Unleased	2.65000000	2.99000000	

TOTAL GAS ESTATE	100.00000000	112.69000000
Percentage of Unit Leased	75.49000000	
Percentage of Unit Unleased	24.51000000	
Acreage in Unit Leased		85.07000000
Acreage in Unit Unleased		27.62000000

**Exhibit "B-3" - Unleased Owners
V-530349**

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
Gas Estate Only				
3	James & Patricia Bryant 12868 River Ln Coeburn, VA 24230 Tax Card ID -20865-1148	Unleased	1.41000000	1.59000000
5	Roger Shane Layne & Janette L Ramey 326 Tempes Branch Rd Coeburn, VA 24230 Tax Card ID - 4947-6073	Unleased	0.89000000	1.00000000
6	Cindy L & Jason A Fritz 330 Tempes Branch Coeburn, VA 24230 Tax Card ID - 20099-3538	Unleased	2.94000000	3.31000000
7	Tax Card ID - 4946-6077 Beulah Layne C/O Roger V Layne 546 Reedy Ridge Road Clintwood, VA 24228	Unleased Life Estate	0.00000000	0.00000000
	Roger V Layne 546 Reedy Ridge Road Clintwood, VA 24228	Unleased Remainder	1.92333333	2.16666667
	Wanda L Kiser 371 Tempes Branch Rd Coeburn, VA 24230	Unleased Remainder	1.92333333	2.16666667
	Freddy Layne 216 Tempes Branch Rd Coeburn, VA 24230	Unleased Remainder	1.92333333	2.16666667
	Tract 7 Totals		5.77000000	6.50000000
8	Tax Card ID - 5827-9636			

	Danny C Rose PO Box 1001 Marion, VA 24354	Unleased	0.97000000	1.09285714
	Debra C & Vince Goodman 243 Willow Bend Dr Kingsport, TN 37663	Unleased	0.97000000	1.09285714
	Steven M & Jinger Rose PO Box 1213 Clintwood, VA 24228	Unleased	0.97000000	1.09285714
	Sandra Rose 701 Cobblestone Unit 211 Fredricksburg, VA 22401	Unleased	0.97000000	1.09285714
	Patricia Rose 1329 Galbraith St Blue Earth, MN 56013	Unleased	0.97000000	1.09285714
	Judy K Good 585 Tempes Branch Rd Coeburn, VA 24230	Unleased	0.97000000	1.09285714
	Kyle Rose 1398 Red Horse Dr Goodview, VA 24095	Unleased	0.97000000	1.09285714
	Tract 8 Totals		6.79000000	7.65000000
9	Avery Dotson 323 Walnut St NW Norton, VA 24273 Tax Card ID - 4514-2538	Unleased	4.06000000	4.58000000
13	Bernard Cantrell 9014 Robinette Circle Wise, VA 24293	Unleased	2.65000000	2.99000000
	TOTAL GAS ESTATE		24.51000000	27.62000000

RANGE RESOURCES - PINE MOUNTAIN, INC

Authorization For Expenditure

AFE #		Property #		Version #	1
Well Name:	V-530349	Field:	Nora	Completed By:	A. Mueller
Location:	Dickenson, Co., Virginia	Operator:	Range Res. - Pine Mountain, Inc.	Date:	January 28, 2014
Expected Pay Zones:	Ravencloft, Big Lime, Weir, & Berea	Estimated Total Depth:	4,349 ft	AAPG Class:	Development
Proposed Work:	Drill, Complete and Place into Production	Participant(s):		W.I.	Amount
		Range Resources - Pine Mountain, Inc		50.0000%	\$265,049
		Equitable Production Company		50.0000%	\$265,049

Gen	Sub	Description	Casing Point	Completion	Total Cost	
	200	021	Leasehold Costs	\$12,000	\$0	\$12,000
	225	005	Permit / Title Opinion / Survey / Insurance	\$10,400	\$0	\$10,400
	225	010	Building Location	\$22,000	\$0	\$22,000
	225	013	Roads / Stone / Culverts	\$6,500	\$0	\$6,500
	225	014	Surface Damages	\$7,500	\$0	\$7,500
	225	016	Drilling - Footage	\$87,763	\$0	\$87,763
	225	017	Drilling - Mobilization	\$0	\$0	\$0
	225	018	Drilling - Dayrate	\$0	\$0	\$0
	225	020	Mud & Chemicals (Drilling)	\$0	\$0	\$0
	225	022	Fuel	\$0	\$0	\$0
I	225	025	Cement Surface casing	\$6,600	\$0	\$6,600
N	225	026	Cement Intermediate casing	\$10,100	\$0	\$10,100
T	225	034	Open Hole Logging & Testing	\$5,219	\$0	\$5,219
A	225	035	Trucking / Dozer (Drilling)	\$1,000	\$0	\$1,000
N	225	040	Rental Tools & Equipment (Drilling)	\$800	\$0	\$800
G	225	042	Drilling - Bits	\$0	\$0	\$0
I	225	045	Technical Supervision (Drilling)	\$6,000	\$0	\$6,000
B	225	050	Fresh Water Hauling (Drilling)	\$0	\$0	\$0
L	225	055	Overhead Rate	\$0	\$0	\$0
S	225	060	Misc. & Contingencies	\$0	\$0	\$0
	235	013	Location Rds/Stone/Culverts	\$0	\$4,000	\$4,000
	235	070	Trucking / Dozer (Completion)	\$0	\$10,000	\$10,000
	235	085	Technical Supervision (Completion)	\$0	\$0	\$0
	235	090	Cased Hole Logging / Perforating	\$0	\$22,500	\$22,500
	235	095	Stimulation / Fracturing	\$0	\$76,000	\$76,000
	235	105	Reclamation & Damages	\$0	\$12,000	\$12,000
	235	110	Haul Pit Water / Disposal	\$0	\$2,000	\$2,000
	235	125	Cement Production Casing	\$0	\$12,700	\$12,700
	235	130	Rental Tools & Equipment (Completion)	\$0	\$19,500	\$19,500
	235	135	Fresh Water Hauling (Completion)	\$0	\$4,000	\$4,000
	235	175	Misc. & Contingencies	\$0	\$0	\$0
	235	215	Completion Rig	\$0	\$12,000	\$12,000
	235	220	Roustabout Labor	\$0	\$7,800	\$7,800
		TOTAL INTANGIBLES	\$175,881	\$182,500	\$358,381	

Code	Code	Description	Casing Point	Completion	Total Cost	
	040	20" Conductor	0 Ft	\$0	\$0	
	220	040	13-3/8" Mine String	44 Ft	\$1,133	\$1,133
	220	050	9-5/8" 26 lb/ft Surface & Mine String	350 Ft	\$5,159	\$5,159
	220	060	7" 19 lb/ft Intermediate	1891 Ft	\$20,068	\$20,068
	230	015	4 1/2" 9.5 lb/ft Production Casing	4,264 Ft	\$0	\$26,874
	230	015	4 1/2" 10.5 lb/ft Production Casing	85 Ft	\$0	\$578
	230	020	2-3/8" 8rd Production Tubing	4,249 Ft	\$0	\$15,202
	230	025	Wellhead Equipment / Fittings	\$0	\$1,000	\$1,000
	230	030	Tank Battery	\$0	\$6,250	\$6,250
	230	035	Separator / Heater / Treater	\$0	\$0	\$0
	230	040	Gas Lift Equipment	\$0	\$4,100	\$4,100
	230	045	Rods / Stuffing Box	\$0	\$0	\$0
	230	050	Downhole Pump	\$0	\$0	\$0
	230	055	Pumping Unit / Motor	\$0	\$0	\$0
	230	056	SS EQT-Packer,PF,FC,Nip	\$0	\$0	\$0
	230	060	Valves & Fittings	\$0	\$11,000	\$11,000
	230	065	Flow Line labor/material	\$0	\$13,500	\$13,500
	230	070	Sales line labor/mat/row	\$0	\$66,854	\$66,854
		TOTAL TANGIBLES	\$26,360	\$145,357	\$171,717	

GRAND TOTAL WELL COST			\$202,241	\$327,857	\$530,098
153	115	Plugging & Abandonment	\$20,000		
Range Resources - Pine Mountain, Inc			Production Costs :	\$530,098	Dry Hole Costs :
				\$222,241	

Range Resources - Pine Mountain, Inc Approvals

Operations: Tom Lamb Date: 4/13/14 Geology: Gene Jan Date: 4/18/14
 Engineering: A. Mueller Date: 4/15/14 Land: [Signature] Date: 4/15/14

Management Approval: Range Resources - Pine Mountain, Inc
 Approved by: _____ Title: _____ Date: _____

Management Approval: Range Resources - Appalachia L.L.C.
 Approved by: _____ Title: _____

EXHIBIT C

THIS IS AN ESTIMATE OF PROJECTED WELL DRILLING, COMPLETION, EQUIPMENT AND PIPELINE COSTS. THESE BILLED COSTS MAY VARY FROM WELL TO WELL DEPENDING UPON ACTUAL FINAL DEPTH AND OTHER FACTOR MATERIAL COSTS, WEATHER CONDITIONS, AND UNFORESEEN RIGHT-OF-WAY PROBLEMS.