

BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant: Range Resources-Pine Mountain, Inc.)
)
Relief Sought: Establish Drilling Unit and)
Pooling of Well No. VH-530353)
)
Legal Description: James Dunn Tract) Docket Number:
2,115.37 acres) VGOB-14-1021-4057
Lipps District)
Caney Ridge Quadrangle)
Wise 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 VH-530353 Well, for the production of oil and gas from the Unit.

2.5 A well work permit for the VH-530353 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-3 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-3. 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 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 9,400 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 \$1,302,647.00 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 1200 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 VH-530353 well, as depicted on Exhibit A;
- b. 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 19th day of September, 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.VH-530353.application]

BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant: Range Resources-Pine Mountain, Inc.)
)
)
Relief Sought: Pooling of Well No. VH-530353)
)
Location: See Exhibit A) Docket No.
Well Number: VH-530353) VGOB-14-1021-4057
)
)
)
Legal)
Description: James Dunn Tract)
2,115.37 acres)
Lipps District)
Caney Ridge Quadrangle)
Wise County, Virginia)

NOTICE OF HEARING

HEARING DATE: October 21, 2014
PLACE: Russell County Conference Center
Highland Drive
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 VH-530353 as described on Exhibit A to the application, which is attached to this Notice, in Wise 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 pooling all the rights, interests, and estates of the persons listed in Exhibit B 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 VH-530353 Unit Well, containing approximately 220.00 acres, located on the above-referenced tracts and approximately 7,085 feet southeast of the intersection of Virginia Routes 643 and 640 and approximately 9,570 feet southwest of the Lyons in the Lipps District, Caney Ridge Quadrangle, Wise County, Virginia. Applicant requests that the Board issue an order providing as follows:

- a) The establishment of a unit and the 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;

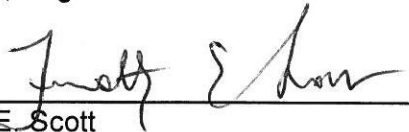
- c) Providing that any person named herein who does not make a timely written election under the terms of the Order to be entered herein shall be deemed to have leased his oil and gas interest in the subject drilling unit to the operator designated herein at a rate to be established by the Board;
- 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 October 21, 2014**, at the **Russell County Conference Center**, 135 Highland Drive, 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 19th day of September, 2014.

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



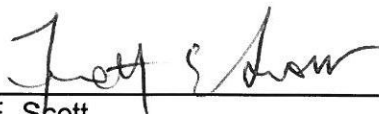
Timothy E. Scott

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 19th day of September, 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 19th day of September, 2014.



Timothy E. Scott
McKINNIS & SCOTT
Attorneys at Law

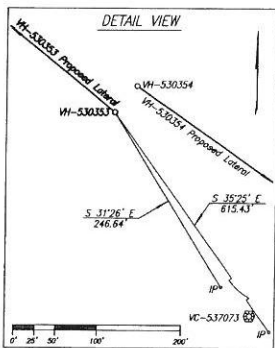
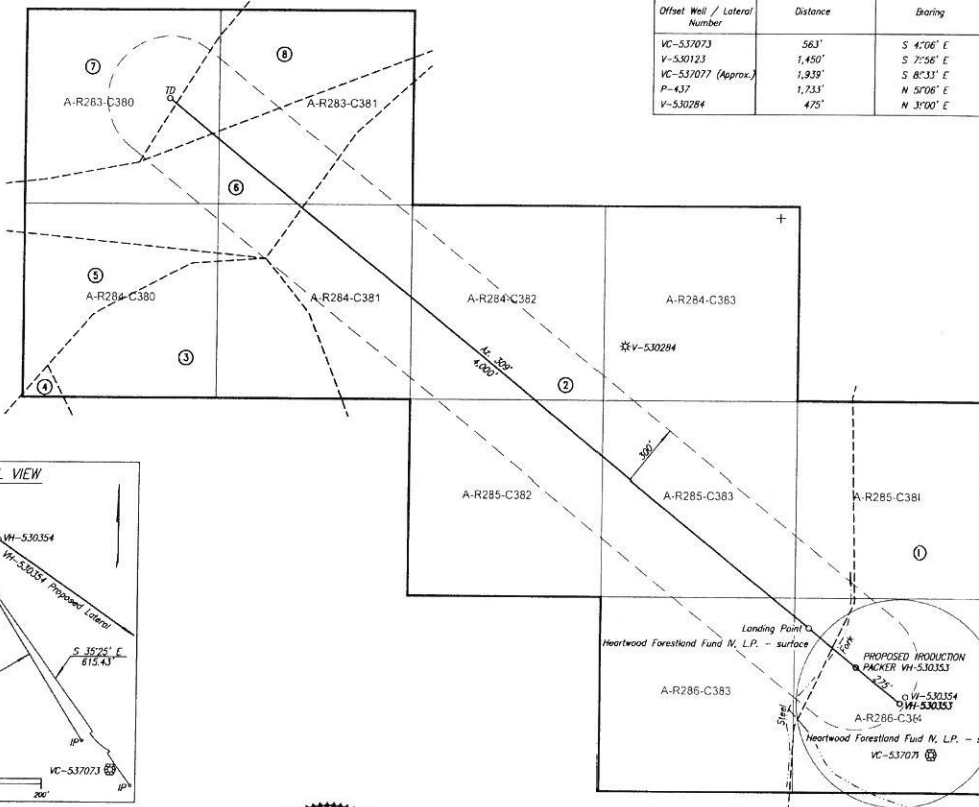
[c:\msword2000\pmog\pooling.well no.VH-530353.notice.personal re-pooling]

11,960' Latitude 37° 02' 30"

Longitude 82° 27' 30"

Distance to Offsetting Huron Producing Wells			
Offset Well / Lateral Number	Distance	Bearing	Measured From
WH-530354 Proposed Production Packer	553'	S 5°14' E	WH-530353 Proposed Production Packer
WH-530177 TD	1,874'	N 8°26' E	WH-530353 Proposed Production Packer

Distance to Offsetting Wells (Non Huron)			
Offset Well / Lateral Number	Distance	Bearing	Measured From
VC-537073	563'	S 4°06' E	WH-530353 Proposed Production Packer
V-530123	1,450'	S 7°56' E	WH-530353 Proposed Production Packer
VC-537077 (Approx.)	1,939'	S 8°33' E	WH-530353 Proposed Production Packer
P-437	1,733'	N 5°06' E	WH-530353 Proposed Production Packer
V-530284	475'	N 3°00' E	WH-530353 Lateral



- Mineral Line
- Surface Line
- Unit Grid Exterior
- Base Drainage Area
- ⊗ Existing CBM Well
- ⊗ Existing Conventional Well



Surface Coordinates
 Well Coordinates: (VA St. Plane S. Zone, NAD 83 (93))
 N 3,550,172.47 E 10,315,498.83
 Well Coordinates: (VA St. Plane S. Zone, NAD 27 calculated from NAD 83 (93))
 N 269,299.32 E 832,514.51
 Well Coordinates: (Cinchfield Coal Co.)
 S 34,543.94 W 33,792.22
 Well Coordinates: (Geographic N27)
 37,005072' -82,499292'

Note 1: The boundary lines shown hereon are based on deeds, plats and maps of record and do not depict a current boundary survey.
 Note 2: The well will be drilled within 10' of the permitted coordinates.
 Note 3: Information regarding sub-terrain aspects of wells provided by Range Resources-Pine Mountain, Inc.
 Well elevation determined by GPS survey from HARN Monument P-424

Note: See Attached Tract Ownership Information Schedule and Grid Corner Coordinates Chart

Area of Unit = 220 Ac.

Estimated Landing Point Vertical Depth: 5,470'
 Estimated Total Measured Depth of Lateral: 9,827'

WELL LOCATION PLAT (UNIT NAME: SWH-1.A-R286-C384_HR) DGO FILE NO.: 00-000

COMPANY Range Resources-Pine Mountain, Inc. WELL NAME AND NUMBER WH-530354
 TRACT NO. James Dunn ELEVATION 1,971.32' QUADRANGLE Canev Ridge
 COUNTY Wise DISTRICT Lipps SCALE See Bar Scale DATE 5-27-2014

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.

Glenn F. Phillips
 Licensed Professional Engineer or Licensed Land Surveyor

Exhibit A

VH-530353 PLAT
Unit SWVH-1_A-R286-C384_HR
TRACT OWNERSHIP INFORMATION SCHEDULE
5/27/2014

- 1 . James Dunn
2,115.37 Acres
ACIN LLC - coal
Alpha Land & Reserves LLC - coal lessee
WBRD LLC - coal
Dickenson-Russell Coal Company LLC - coal lessee
Range Resources-Pine Mountain, Inc - oil & gas
Gas 31.96 Ac. 14.53%

- 2 . John W. Horn (E. G. Willard)
248.77 Acres
ACIN LLC - coal
Alpha Land & Reserves LLC - coal lessee
WBRD LLC - coal
Dickenson-Russell Coal Company LLC - coal lessee
Range Resources-Pine Mountain, Inc - oil & gas
Gas 123.01 Ac. 55.91%

- 3 . Lease No.
34.436 Acres
Ben A. Franklin, Jr. & Kathy Rena Franklin - oil & gas
Gas 15.81 Ac. 7.19%

- 4 . Lease No.
3.045 Acres
Lyle Vincent Owens - oil & gas
Gas 0.36 Ac. 0.16%

- 5 . Lease No.
P/O 98 Acres
Macy Culbertson Vincer, et al - oil & gas
Gas 6.83 Ac. 3.10%

- 6 . David Culbertson
29.9 Acres
Range Resources-Pine Mountain, Inc - oil & gas
Gas 17.71 Ac. 8.05%

- 7 . Lease No. 241493 (EQT Production-Nora lease)
Steinman Development Company Tract
57.95 Acres (P/O 92.298 Acres)
ACIN LLC - oil & gas
Gas 13.74 Ac. 6.25%

- 8 . W. A. Powers
64.726 Acres
Range Resources-Pine Mountain, Inc - oil & gas
Gas 10.58 Ac. 4.81%

Exhibit "B"
VH-530353 Revised 9/29/2014

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
Gas Estate Only				
1	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - 099901	Owner	14.53000000	31.96000000
2	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - 099901	Owner	55.91000000	123.01000000
3	Ben & Kathy Rena Franklin, Jr PO Box 2774 Wise, VA 24293 Tax Card ID - 011347	Unleased	7.19000000	15.81000000
4	Lyle Vincent Owens PO Box 2916 Wise, VA 24293 Tax Card ID - 037494	Leased	0.16000000	0.36000000
5	Tax Card ID - 012749 Clyde Vincer Jr 10546 N. Reservoir Rd Wise, VA 24293	Leased	1.03333333	2.27666667
	Elizabeth Kay Vincer Thompson 4842 Palm Leaf Rd Wise, VA 24293	Leased	1.03333333	2.27666667
	Bryan Vincer 7110 Appletree Rd Wise, VA 24293	Leased	1.03333333	2.27666667
	Tract 5 Totals		3.10000000	6.83000000
6	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - 099901	Owner	8.05000000	17.71000000
7	ACIN LLC Attn: John Mooney 5260 Irwin Rd Huntington, WV 25705-3247	Unleased	6.25000000	13.74000000
	OR			
	EQT Production Company Attn: Tracy Coyne PO Box 23536 Pittsburgh, PA 15222 Tax Card ID - Minerals Only	Lessee	6.25000000	13.74000000

8	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - 099901	Owner	4.81000000	10.58000000
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TOTAL GAS ESTATE			100.00000000	220.00000000
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Percentage of Unit Leased	86.56000000
Percentage of Unit Unleased	13.44000000

Acreage in Unit Leased	190.45000000
Acreage in Unit Unleased	29.55000000

OR - subject to lease agreement between ACIN and EQT

Exhibit "B"
VH-530353

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
Gas Estate Only				
1	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - 099901	Owner	14.53000000	31.96000000
2	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - 099901	Owner	55.91000000	123.01000000
3	Ben & Kathy Rena Franklin, Jr PO Box 2774 Wise, VA 24293 Tax Card ID - 011347	Unleased	7.19000000	15.81000000
4	Lyle Vincent Owens PO Box 2916 Wise, VA 24293 Tax Card ID - 037494	Leased	0.16000000	0.36000000
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	Tract 5 Totals		3.10000000	6.83000000
6	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - 099901	Owner	8.05000000	17.71000000
7	ACIN LLC Attn: John Mooney 5260 Irwin Rd Huntington, WV 25705-3247	Unleased	6.25000000	13.74000000
	OR			
	EQT Production Company Attn: Tracy Coyne PO Box 23536 Pittsburgh, PA 15222 Tax Card ID - Minerals Only	Lessee	6.25000000	13.74000000

8	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - 099901	Owner	4.81000000	10.58000000
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TOTAL GAS ESTATE			100.00000000	220.00000000
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Percentage of Unit Leased	85.52666667
Percentage of Unit Unleased	14.47333333

Acreage in Unit Leased	188.17333333
Acreage in Unit Unleased	31.82666667

OR - subject to lease agreement between ACIN and EQT

Exhibit "B-3" - Unleased Owners
VH-530353 Revised 9/29/2014

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
Gas Estate Only				
3	Ben & Kathy Rena Franklin, Jr PO Box 2774 Wise, VA 24293 Tax Card ID - 011347	Unleased	7.19000000	15.81000000
7	ACIN LLC Attn: John Mooney 5260 Irwin Rd Huntington, WV 25705-3247	Unleased	6.25000000	13.74000000
	OR			
	EQT Production Company Attn: Tracy Coyne PO Box 23536 Pittsburgh, PA 15222 Tax Card ID - Minerals Only	Lessee	6.25000000	13.74000000
	TOTAL GAS ESTATE		13.44000000	29.55000000

**Exhibit "B-3" - Unleased Owners
VH-530353**

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
Gas Estate Only				
3	Ben & Kathy Rena Franklin, Jr PO Box 2774 Wise, VA 24293 Tax Card ID - 011347	Unleased	7.19000000	15.81000000
5	Tax Card ID - 012749 Clyde Vincer Jr 10546 N. Reservoir Rd Wise, VA 24293	Unleased	1.03333333	2.27666667
7	ACIN LLC Attn: John Mooney 5260 Irwin Rd Huntington, WV 25705-3247	Unleased	6.25000000	13.74000000
	OR			
	EQT Production Company Attn: Tracy Coyne PO Box 23536 Pittsburgh, PA 15222 Tax Card ID - Minerals Only	Lessee	6.25000000	13.74000000
	TOTAL GAS ESTATE		14.47333333	31.82666667

RANGE RESOURCES - PINE MOUNTAIN, INC

Authorization For Expenditure

AFE #	Property #	Version #	1
Well Name: VH-530353	Field: Nora	Completed By: A. Mueller	
Location: Wise County, VA	Operator: Range Res. - Pine Mountain, Inc	Date: September 11, 2014	
Pay Zones: Lower Huron Shale	Estimated Total M Depth: 9,800'	AAPG Class: Exploratory	
Scope of Work: Drill vertical to 4754, kick-off and drill horizontal to 9,800 ft.	Participant(s): Range Resources - Pine Mountain, Inc	W.I. 100.0000%	Amount \$1,578,010
Complete and place into production			

Gen	Sub	Description	Casing Point	Completion	Total Cost	
200	021	Leasehold Costs	\$20,000	\$0	\$20,000	
225	005	Permit / Title Opinion / Survey / Insurance	\$9,650	\$0	\$9,650	
225	010	Building Location	\$18,600	\$0	\$18,600	
225	013	Roads / Stone / Culverts	\$9,000	\$0	\$9,000	
225	014	Surface Damages	\$0	\$0	\$0	
225	016	Drilling - Footage	\$102,498	\$0	\$102,498	
225	017	Drilling - Mobilization	\$15,000	\$0	\$15,000	
225	018	Drilling - Dayrate	\$110,580	\$0	\$110,580	
225	019	Directional Services	\$99,500	\$0	\$99,500	
225	020	Drilling - Mud/Chemicals	\$5,130	\$0	\$5,130	
225	022	Fuel	\$52,560	\$0	\$52,560	
225	025	Cement Surface casing	\$7,250	\$0	\$7,250	
225	026	Cement Intermediate casing	\$15,700	\$0	\$15,700	
225	031	Mud Logging	\$9,350	\$0	\$9,350	
225	034	Open Hole Logging & Testing	\$3,500	\$0	\$3,500	
225	035	Trucking / Dozer (Drilling)	\$10,500	\$0	\$10,500	
225	040	Rental Tools & Equipment (Drilling)	\$10,120	\$0	\$10,120	
225	041	Drill Pipe Inspections	\$6,000	\$0	\$6,000	
225	042	Drilling - Bits	\$9,200	\$0	\$9,200	
225	045	Technical Supervision (Drilling)	\$33,000	\$0	\$33,000	
225	050	Fresh Water Hauling (Drilling)	\$1,200	\$0	\$1,200	
225	055	Overhead Rate	\$0	\$0	\$0	
225	060	Misc. & Contingencies	\$0	\$0	\$0	
235	013	Location RDS/ Stone/ Culvert (While Drilling)	\$0	\$3,000	\$3,000	
235	070	Trucking / Dozer (Completion)	\$0	\$13,000	\$13,000	
235	085	Technical Supervision (Completion)	\$0	\$2,000	\$2,000	
235	090	Cased Hole Logging / Perforating	\$0	\$6,000	\$6,000	
235	095	Stimulation / Fracturing	\$0	\$400,000	\$400,000	
235	105	Reclamation	\$0	\$6,000	\$6,000	
235	110	Haul Pit Water / Disposal	\$0	\$1,000	\$1,000	
235	125	Cement Production Casing	\$0	\$97,500	\$97,500	
235	130	Rental Tools & Equipment (Completion)	\$0	\$17,500	\$17,500	
235	135	Fresh Water Hauling (Completion)	\$0	\$500	\$500	
235	175	Misc. & Contingencies	\$0	\$0	\$0	
235	215	Completion Rig	\$0	\$5,000	\$5,000	
235	220	Roustabout Labor	\$0	\$7,800	\$7,800	
TOTAL INTANGIBLES			\$548,338	\$559,300	\$1,107,638	
Code	Code	Description	Casing Point	Completion	Total Cost	
220	040	13-3/8" Conductor	44 ft	\$1,133	\$0	\$1,133
220	050	9-5/8" 26 lb/ft Surface Casing	360 ft	\$5,306	\$0	\$5,306
220	060	7" 23 lb/ft MC50 Intermediate Casing	2617 ft	\$33,819	\$0	\$33,819
230	015	4 1/2" 11.6 lb/ft HCP-110 Production Casing	9400 ft	\$0	\$97,716	\$97,716
230	020	2-3/8" Production Tubing	0 ft	\$0	\$0	\$0
230	025	Wellhead Equipment / Fittings		\$0	\$17,190	\$17,190
230	030	Tank Battery		\$0	\$6,500	\$6,500
230	035	Separator / Heater / Treater		\$0	\$0	\$0
230	040	Gas Lift Equipment		\$0	\$0	\$0
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 EQP - Packer, PF, FC, NI,		\$0	\$280,000	\$280,000
230	060	Valves & Fittings		\$0	\$7,000	\$7,000
230	065	Flow Line labor/material (tie-ins / other)		\$0	\$15,500	\$15,500
230	070	Sales line labor/mat/row (tie-ins / other)		\$0	\$6,208	\$6,208
TOTAL TANGIBLES			\$40,258	\$430,114	\$470,373	
GRAND TOTAL WELL COST			\$588,596	\$989,414	\$1,578,010	
225	061	Plugging & Abandonment	\$50,000			

Range Resources - Pine Mountain, Inc Production Costs : \$1,578,010 Dry Hole Costs : \$638,596

Range Resources - Pine Mountain, Inc Approvals

Operations Tan Lark Date 9/10/14 Geology Greg Jones Date 9-15-14
 Engineering A. Mueller Date 9/15/14 Land Phil Hagan Date 9-15-14

Management Approval	Range Resources - Pine Mountain, Inc		
	Approved by: _____	Title _____	Date _____
Management Approval	Range Resources - Appalachia L.L.C.		
	Approved by: _____	Title _____	Date _____

THIS IS AN ESTIMATE OF PROJECTED WELL DRILLING, COMPLETION, EQUIPMENT AND PIPELINE COSTS. THESE ESTIMATES ARE PROJECTIONS ONLY AND ACTUAL BILLED COSTS MAY VARY FROM WELL TO WELL DEPENDING UPON ACTUAL FINAL DEPTH AND OTHER FACTORS INCLUDING, BUT NOT LIMITED TO, SEASONAL MATERIAL COSTS, WEATHER CONDITIONS, AND UNFORESEEN RIGHT OF WAY PROBLEMS.

Exhibit C

**Exhibit "E" - Escrow Owners
VH-530353**

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
	Gas Estate Only			
7	ACIN LLC Attn: John Mooney 5260 Irwin Rd Huntington, WV 25705-3247	Unleased	6.25000000	13.74000000
	OR			
	EQT Production Company Attn: Tracy Coyne PO Box 23536 Pittsburgh, PA 15222 Tax Card ID - Minerals Only	Lessee	6.25000000	13.74000000
	TOTAL GAS ESTATE		6.25000000	13.74000000

Grid Coordinates
 Unit SWVH-1_A-R286-C384_HR
 Well: VH-530353

Base Grid	NW		NE		SW		SE	
	NAD 83 Northing	NAD 83 Easting	NAD 83 Northing	NAD 83 Easting	NAD 83 Northing	NAD 83 Easting	NAD 83 Northing	NAD 83 Easting
A-R286-C384	3550676.65	10314986.13	3550676.65	10315919.51	3549743.27	10314986.13	3549743.27	10315919.51
A-R286-C383	3550676.65	10314052.75	3550676.65	10314986.13	3549743.27	10314052.75	3549743.27	10314986.13
A-R285-C382	3551610.03	10313119.37	3551610.03	10314052.75	3550676.65	10313119.37	3550676.65	10314052.75
A-R285-C383	3551610.03	10314052.75	3551610.03	10314986.13	3550676.65	10314052.75	3550676.65	10314986.13
A-R285-C384	3551610.03	10314986.13	3551610.03	10315919.51	3550676.65	10314986.13	3550676.65	10315919.51
A-R284-C380	3552543.41	10311252.60	3552543.41	10312185.99	3551610.03	10311252.60	3551610.03	10312185.99
A-R284-C381	3552543.41	10312185.99	3552543.41	10313119.37	3551610.03	10312185.99	3551610.03	10313119.37
A-R284-C382	3552543.41	10313119.37	3552543.41	10314052.75	3551610.03	10313119.37	3551610.03	10314052.75
A-R284-C383	3552543.41	10314052.75	3552543.41	10314986.13	3551610.03	10314052.75	3551610.03	10314986.13
A-R283-C380	3553476.79	10311252.60	3553476.79	10312185.99	3552543.41	10311252.60	3552543.41	10312185.99
A-R283-C381	3553476.79	10312185.99	3553476.79	10313119.37	3552543.41	10312185.99	3552543.41	10313119.37