

BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant: Range Resources-Pine Mountain, Inc.)
)
)
Relief Sought: Pooling Lovers Gap-123-CBM Unit 79W)
Nora Coalbed Gas Field)
Legal)
Description:)
Big Sandy Fuel Corporation Tract) Docket Number:
12,627.34 acres, more or less) VGOB-13-0917-4026
Rock Lick District)
Prater Quadrangle)
Buchanan County, Virginia)
)
(See Exhibit "A" For Specific)
Description))

APPLICATION

1. Parties: Applicant herein is Range Resources-Pine Mountain, Inc., whose address for the purposes hereof is 406 West Main Street, P. O. Box 2136 Abingdon, Virginia 24212 Telephone: (276) 628-9001. The attorney for Applicant is Timothy E. Scott, MCKINNIS & SCOTT, whose address is 135 West Main Street, Suite 200, Kingsport, Tennessee 37660, Telephone: (423) 247-9376. The unleased entities or persons are listed on Exhibit B-3, attached hereto and made a party hereto. Set forth in Exhibit B is the name and last-known address of each owner of record identified by Applicant as having an interest in the oil, gas and coalbed methane underlying the unit described in Exhibit A, attached hereto and made part hereof. Each of the unleased individuals named in Exhibit B-3 is being made a party if living; if any such individual is deceased, then the unknown heirs, executors, administrators, devisees, trustees and assignees, both immediate and remote, of any such deceased individual are made parties herein. Each of the unleased entities listed in Exhibit B-3 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, trustees, and assigns, both immediate and remote, of such dissolved corporation are made parties herein. Each of the unleased entities listed in Exhibit B-3 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, both immediate and remote, of such unincorporated association are made parties herein.

2. Allegation of Facts: Applicant is the owner of the right to develop and produce coalbed methane from all formations, from the surface to the total depth drilled within the Nora Coalbed Gas Field and underlying the lands described on Exhibit A attached hereto and made a part hereof and to appropriate the oil, gas and coalbed methane produced therefrom.

(a) Applicant has proposed a plan of development and operation of the Formations underlying the drilling unit involved herein (described and depicted on Exhibit A attached hereto and made a part hereof) and has proposed to commence such plan of development and operation of such unit by a well, designated as well number Lovers Gap-123-CBM Unit 79-W under such plan in the lands involved herein so as to produce oil, gas and coalbed methane from the proposed unit.

- (b) A Well work permit for well number Lovers Gap-123-CBM Unit 79-W is currently or is anticipated to be pending before the Department of Mines, Minerals and Energy.
- (c) Applicant has exercised due diligence to locate each of the oil, gas and coalbed methane interest owners named herein at Exhibit B-3 and has made or is making a bona fide effort to reach an agreement with all unleased parties as to pooling their interest for the development and operation of the well involved herein. Simultaneously with the filing of this application, Applicant has provided notice to each of the unleased parties set forth in Exhibit B-3 pursuant to the provisions of § 45.1-361.19 of the Virginia Code Annotated. Applicant hereby notifies the Board that where the identity or location of any person is shown as "unknown" on Exhibit B-3, then Applicant is unable to provide such person with written notice of the application herein. Conflicting Owners/Claimants in the Subject Drilling Unit are listed in Exhibit E. The interest of all unleased persons in the Formations underlying the drilling unit for well number Lovers Gap-123-CBM Unit 79-W should be pooled for the development and operation thereof.
- (d) Applicant proposes to drill at the permitted location to an approximate depth of 2,432 feet on the Subject Lands to test for oil, gas and coalbed methane in the Subject Formations, including all Pennsylvanian age coals from the top of the Aily, including but not limited to Raven, Jawbone Rider, Jawbone, Tiller, Upper Seaboard, Greasy Creek, Upper Horsepen, Middle Horsepen, War Creek, Beckley, Lower Horsepen, Pocahontas #9, Pocahontas #3, Pocahontas #2, and Pocahontas #1 and any unnamed coal seams and other associated formations known as the Nora Coalbed Gas Field. Applicant estimates the cost for a well to said depth to be \$379,033.00 for a well completed for production. Exhibit C, attached hereto and made part hereof, is Applicant's signed Authorization For Expenditure ("AFE") which shows the estimated cost of drilling, completing and equipping said well.
- (e) The estimated production over the life of the proposed well is 475 mmcf. These figures concerning estimated production and the amount of reserves are, however, estimates only that are not based upon actual production and should not be relied upon for any purpose.

3. Legal Authority: The relief sought by this Application is authorized by Virginia Code Annotated § 45.1-361.21 et seq. and § 4 VAC 25-160-70 et seq.

4. Relief Sought: Applicant requests the Virginia Gas and Oil Board to enter an order pooling all unleased interests or estates of all persons or entities owning oil, gas and coalbed methane interests in the Formations underlying the tracts encompassed by the drilling unit supporting well number Lovers Gap-123-CBM Unit 79-W, and (I) authorizing the drilling and operation of a well for the production of oil, gas and coalbed methane from the pooled acreage; (II) designating Applicant as the party authorized to drill and operate such well; (III) prescribing the time, manner, and other conditions under which unleased parties owning an interest in the oil, gas and coalbed methane may elect to participate in the operation of such well, or to exercise their rights of election under the applicable statutes; (IV) providing that all reasonable costs and expenses of drilling, completing, equipping, operating, plugging and abandoning such well shall be borne, and all production therefrom, shared, by all participating parties in the proportion which the acreage in the pooled tracts owned or under lease to each such participating party bears to the total acreage in such unit; and (V) making provision for the payment of all reasonable costs of the operation, including a reasonable supervision fee, to the Applicant by all parties who elect to participate therein or who elect to be carried interest owners.

Dated this 16th day of August, 2013.

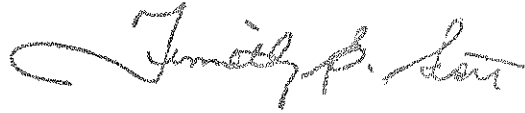
RANGE RESOURCES-PINE MOUNTAIN, INC.



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

VERIFICATION

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



Timothy E. Scott

MCKINNIS & SCOTT

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BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant:	Range Resources-Pine Mountain, Inc.)	
)	
Relief Sought:	Pooling)	
)	
Location:	See Exhibit "A")	Docket No.
Well Number:	Lovers Gap-123-CBM Unit 79-W)	VGOB-13-0918-4026
	Nora Coalbed Gas Field)	
)	
Legal)	
Description:	Big Sandy Fuel Corporation Tract)	
	12,627.34 acres, more or less)	
	Rock Lick District)	
	Prater Quadrangle)	
	Buchanan County, Virginia)	

NOTICE OF HEARING

HEARING DATE: September 17, 2013
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, gas and coalbed methane in and underlying the unit surrounding Lovers Gap-123-CBM Unit 79-W as described on Exhibit "A" to the Application, which is attached to this Notice, in Buchanan 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 unleased persons pursuant to Virginia Code Ann. § 45.1-361.1 et seq. in regard to the drilling, development and production of oil, gas and coalbed methane from drilling unit Lovers Gap-123-CBM Unit 79-W, containing approximately 58.66 acres, located on the above-referenced tracts situated approximately 4,970 feet southwest of the intersection of Virginia Route 517 and Little Prater and approximately 3,000 feet southeast of Poplar Gap in the Rock Lick District, Prater Quadrangle of Buchanan County, Virginia. Applicant requests that the Board issue an order providing as follows:

- a. Pooling all the interests and estates of the persons named herein and their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, both immediate and remote, for the drilling, development and production of oil, gas and coalbed methane 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, gas and coalbed methane 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 allocable to such person's interest; or

In the case of an unleased tract, 200 percent of the share of 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, gas and coalbed methane 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, gas and coalbed methane produced from the subject drilling unit; granting the Operator the right to market and sell oil, gas and coalbed methane produced from the subject drilling unit which is attributable to the conflicting claims and interest pooled herein; providing that the Operator shall have an operator's lien on the oil, gas and coalbed methane 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 Va. Code Ann. § 45.1-361.22;

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 September 17, 2013**, at the **Russell County Conference Center, 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. The Board rules require that any written objections you wish to file must be filed with the Board at least 10 days before the hearing. 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 16th day of August, 2013.

Range Resources-Pine Mountain, Inc.
406 West Main Street
P. O. Box 2136
Abingdon, Virginia 24212

Timothy E. Scott


MCKINNIS & SCOTT,
of Counsel 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, of Counsel for Range Resources-Pine Mountain, Inc., hereby certify that I have on this, the 16th day of August, 2013, caused the foregoing notice and application to be served upon parties listed herein, at their address, by certified mail, return receipt requested.

Dated this 16th day of August, 2013.



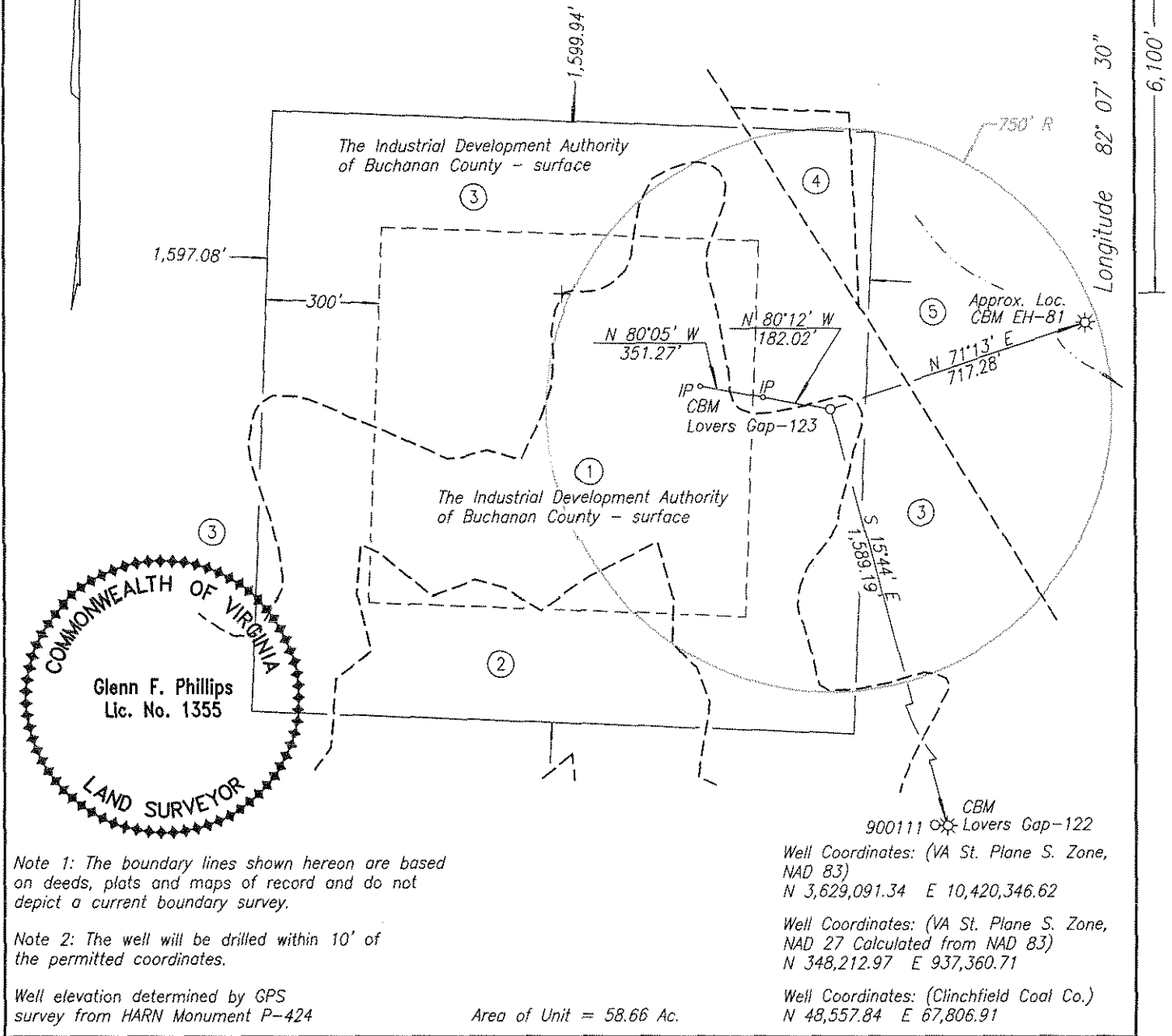
Timothy E. Scott
MCKINNIS & SCOTT

Well Coordinates: (Geographic N27)
 37.233307° -82.150963°

Latitude 37° 15' 00"

Note: See Attached Tract
 Ownership Information Schedule

--- Mineral Line
 - - - Surface Line



WELL LOCATION PLAT NORA GRID W-79

COMPANY Range Resources-Pine Mountain, Inc. WELL NAME AND NUMBER Lovers Gap-123
 TRACT NO. Big Sandy Fuel Corp. ELEVATION 2,092.18' QUADRANGLE Prater
 COUNTY Buchanan DISTRICT Rock Lick SCALE 1" = 400' DATE 5-28-2013

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.

Licensed Professional Engineer or Lic

Exhibit A

LOVERS GAP-123 PLAT
TRACT OWNERSHIP INFORMATION SCHEDULE
5/28/2013

- 1 . Big Sandy Fuel Corporation
12,627.34 Acres
ACIN LLC - coal (except Blair, Eagle and Splashdam seams)
Alpha Land & Reserves LLC - coal lessee
WBRD LLC - coal (except Blair, Eagle and Splashdam seams)
Dickenson - Russell Coal Company LLC - coal lessee
Penn Virginia Operating Company, LLC - coal (Splashdam only)
Wellmore Coal Company - coal lessee
N/F Wellmore - coal (Blair and Eagle seams only)
Range Resources - Pine Mountain, Inc. - oil, gas & CBM
Gas 24.86 ac. 42.38%

- 2 . Big Sandy Fuel Corporation
12,627.34 Acres
ACIN LLC - coal (except Blair, Eagle, Clintwood and Splashdam seams)
Alpha Land & Reserves LLC - coal lessee
WBRD LLC - coal (except Blair, Eagle, Clintwood and Splashdam seams)
Dickenson - Russell Coal Company LLC - coal lessee
Penn Virginia Operating Company, LLC - coal (Clintwood and Splashdam seams only)
Wellmore Coal Company - coal lessee
N/F Wellmore - coal (Blair and Eagle seams only)
Range Resources - Pine Mountain, Inc. - oil, gas & CBM
Gas 7.69 ac. 13.11%

- 3 . Big Sandy Fuel Corporation
12,627.34 Acres
ACIN LLC - coal (except Splashdam seam)
Alpha Land & Reserves LLC - coal lessee
WBRD LLC - coal (except Splashdam seam)
Dickenson - Russell Coal Company LLC - coal lessee
Penn Virginia Operating Company, LLC - coal (Splashdam seam only)
Wellmore Coal Company - coal lessee
Range Resources - Pine Mountain, Inc. - oil, gas & CBM
Gas 24.11 ac. 41.10%

- 4 . Pitston-Belibe Exchange
P/O 424 Acres
ACIN LLC - coal (Hagy seam only)
Alpha Land & Reserves LLC - coal lessee
WBRD LLC - coal (Hagy seam only)
Dickenson - Russell Coal Company LLC - coal lessee
Bull Creek Coal Company - coal (remaining seams), oil, gas & CBM
Wellmore Coal Company - coal lessee
Jewell Smokeless Coal Corporation - coal lessee (Kennedy seam only)
CNX Gas Company, LLC - CBM lessee
Range Resources - Pine Mountain, Inc. - oil & gas lessee
Gas 1.49 ac. 2.54%

- 5 . P/O 424 Acres
Bull Creek Coal Company - coal, oil, gas & CBM
Wellmore Coal Company - coal lessee
Jewell Smokeless Coal Corporation - coal lessee (Kennedy seam only)
CNX Gas Company, LLC - CBM lessee
Range Resources - Pine Mountain, Inc. - oil & gas lessee
Gas 0.51 ac. 0.87%

Exhibit "B"
Lovers Gap 123

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
CBM Estate Only				
1	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212	Owner	42.38000000	24.86000000
2	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212	Owner	13.11000000	7.69000000
3	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212	Owner	41.10000000	24.11000000
4	*Bull Creek Coal Company, LLLP Attn: Charles Hart Box 187 Tazwell, VA 24651	Leased		
	*CNX Gas Company, LLC Attn: Anita Duty 2481 John Nash Blvd. Bluefield, WV 24701	CBM Lessee Unleased by Range	2.54000000	1.49000000
5	*Bull Creek Coal Company, LLLP Attn: Charles Hart Box 187 Tazwell, VA 24651	Leased		
	*CNX Gas Company, LLC Attn: Anita Duty 2481 John Nash Blvd. Bluefield, WV 24701	CBM Lessee Unleased by Range	0.87000000	0.51000000
	TOTAL CBM ESTATE		100.00000000	58.66000000
	Percentage of Unit Leased	96.59000000		
	Percentage of Unit Unleased	3.41000000		
	Acreage in Unit Leased	56.66000000		
	Acreage in Unit Unleased	2.00000000		

Exhibit "B"
Lovers Gap 123

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	Owner	42.38000000	24.86000000
2	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212	Owner	13.11000000	7.69000000
3	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212	Owner	41.10000000	24.11000000
4	*Bull Creek Coal Company, LLLP Attn: Charles Hart Box 187 Tazwell, VA 24651	Leased	2.54000000	1.49000000
	*Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212	Gas Lessee		
5	*Bull Creek Coal Company, LLLP Attn: Charles Hart Box 187 Tazwell, VA 24651	Leased	0.87000000	0.51000000
	*Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212	Gas Lessee		
TOTAL GAS ESTATE			100.00000000	58.66000000
Percentage of Unit Leased		100.00000000		
Percentage of Unit Unleased		0.00000000		
Acreage in Unit Leased		58.66000000		
Acreage in Unit Unleased		0.00000000		

Exhibit "B-3"
Lovers Gap 123

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
CBM Estate Only				
4	*Bull Creek Coal Company, LLLP Attn: Charles Hart Box 187 Tazwell, VA 24651	Leased		
	*CNX Gas Company, LLC Attn: Anita Duty 2481 John Nash Blvd. Bluefield, WV 24701	CBM Lessee Unleased by Range	2.54000000	1.49000000
5	*Bull Creek Coal Company, LLLP Attn: Charles Hart Box 187 Tazwell, VA 24651	Leased		
	*CNX Gas Company, LLC Attn: Anita Duty 2481 John Nash Blvd. Bluefield, WV 24701	CBM Lessee Unleased by Range	0.87000000	0.51000000
	TOTAL GAS ESTATE		3.41000000	2.00000000

RANGE RESOURCES - PINE MOUNTAIN, INC
Authorization For Expenditure

AFE #		Property #		Version #	1
Well Name:	Lovers Gap 123	Field:	Haysi Field	Completed By:	A. Mueller
Location:	Buchanan Co., VA	Operator:	Range Res. - Pine Mountain, Inc	Date:	August 12, 2013
Expected Pay Zones:	Pennsylvania Coals	Estimated Total Depth:	2,432 ft	AAPG Class:	Development
Proposed Work:	Drill, Complete and Place into Production	Participant(s):	Range Resources - Pine Mountain, Inc	W.I.	Amount
				100.0000%	\$379,033

Gen	Sub	Description	Casing Point	Completion	Total Cost	
200	021	Leasehold Costs	\$500	\$0	\$500	
225	005	Permit / Title Opinion / Survey / Insurance	\$8,400	\$0	\$8,400	
225	010	Building Location	\$12,500	\$0	\$12,500	
225	013	Roads / Stone / Culverts	\$18,500	\$0	\$18,500	
225	014	Surface Damages	\$0	\$0	\$0	
225	016	Drilling - Footage	\$48,525	\$0	\$48,525	
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	
225	025	Cement Surface casing	\$5,600	\$0	\$5,600	
225	026	Cement Intermediate casing	\$0	\$0	\$0	
225	034	Open Hole Logging & Testing	\$4,100	\$0	\$4,100	
225	035	Trucking / Dozer (Drilling)	\$1,500	\$0	\$1,500	
225	040	Rental Tools & Equipment (Drilling)	\$300	\$0	\$300	
225	042	Drilling - Bits	\$0	\$0	\$0	
225	045	Technical Supervision (Drilling)	\$2,700	\$0	\$2,700	
225	050	Fresh Water Hauling (Drilling)	\$0	\$0	\$0	
225	055	Overhead Rate	\$0	\$0	\$0	
225	060	Misc. & Contingencies	\$0	\$0	\$0	
235	013	Location Rds/Stone/Culverts	\$0	\$2,500	\$2,500	
235	070	Trucking / Dozer (Completion)	\$0	\$5,500	\$5,500	
235	085	Technical Supervision (Completion)	\$0	\$3,000	\$3,000	
235	090	Cased Hole Logging / Perforating	\$0	\$18,500	\$18,500	
235	095	Stimulation / Fracturing	\$0	\$65,000	\$65,000	
235	105	Reclamation & Damages	\$0	\$8,500	\$8,500	
235	110	Haul Pit Water / Disposal	\$0	\$1,000	\$1,000	
235	125	Cement Production Casing	\$0	\$13,500	\$13,500	
235	130	Rental Tools & Equipment (Completion)	\$0	\$4,500	\$4,500	
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	\$4,685	\$4,685	
		TOTAL INTANGIBLES	\$101,625	\$143,680	\$245,305	
Code	Code	Description	Casing Point	Completion	Total Cost	
220	040	13-3/8" Conductor	0 Ft	\$0	\$0	
220	040	9-5/8 26# Conductor	44 Ft	\$893	\$893	
220	050	7" 19# Surface	440 Ft	\$4,483	\$4,483	
230	015	4 1/2" 9.5# Production	2,347 Ft	\$0	\$15,167	
230	015	4 1/2" 10.5# Production	85 Ft	\$0	\$665	
230	020	2-3/8" Brd Production Tubing	2,332 Ft	\$0	\$9,272	
230	025	Wellhead Equipment / Fittings	\$0	\$850	\$850	
230	030	Tank Battery	\$0	\$7,575	\$7,575	
230	035	Separator / Heater / Treater	\$0	\$0	\$0	
230	040	Gas Lift Equipment	\$0	\$0	\$0	
230	045	Rods / Stuffing Box	\$0	\$5,431	\$5,431	
230	050	Downhole Pump	\$0	\$1,700	\$1,700	
230	055	Pumping Unit / Motor	\$0	\$15,500	\$15,500	
230	056	SS EOT-Packer,PF,FC,Nip	\$0	\$0	\$0	
230	060	Valves & Fittings	\$0	\$6,000	\$6,000	
230	065	Flow Line labor/material	\$0	\$9,000	\$9,000	
230	070	Sales line labor/mat/row	\$0	\$56,402	\$56,402	
		TOTAL TANGIBLES	\$5,166	\$128,562	\$133,728	
		GRAND TOTAL WELL COST	\$106,791	\$272,242	\$379,033	
153	115	Plugging & Abandonment	\$20,000			
		Range Resources - Pine Mountain, Inc	Production Costs :	\$379,033	Dry Hole Costs :	\$126,791

Range Resources - Pine Mountain, Inc Approvals:

Operations: [Signature] Date: 8/13/13 Geology: [Signature] Date: 8/13/13
 Engineering: [Signature] Date: 8/13/13 Land: [Signature] Date: 8-13-13

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

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

THIS IS AN ESTIMATE OF PROJECTED WELL DRILLING, COMPLETION, EQUIPMENT AND PIPELINE COSTS. 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.

Exhibit C