BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT: Buchanan Production Company) DIVISION OF GAS AND OIL DOCKET NO. VGOB-92-09-15-0264
RELIEF SOUGHT: POOLING)
LOCATION: SEE EXHIBIT "A1"	
UNIT NUMBER <u>V-19</u>	
IN THE OAKWOOD COALBED METHANE GAS FIELD II	
BUCHANAN COUNTY, VIRGINIA)

NOTICE OF HEARING

HEARING DATE: September 15, 1992
PLACE: Southwest Virginia 4-H Center

Hillman Highway, Abingdon, Virginia 24210

TIME: 9:00 AM

COMMONWEALTH OF VIRGINIA: To all persons owning or claiming an interest in oil and gas, coalbed methane gas, coal or other minerals and to all other persons who have or claim to have an interest in the coalbed methane underlying and within Unit V-19, and the lands described on Exhibit "A" to the Application, which is attached to this Notice, in <u>Buchanan</u> 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:

Dianne L. Graham, 2) Norfolk & Western Railroad Company, 3) Donald Ratliff, 4) John P. Ratliff, 5) Connie Sue Ratliff, 6) Wyatt Ratliff, 7) Jackie Randall Boyd and Mary Carol Boyd, 8) Dollie R. Ratliff, 9) Jerusalem Primitive Baptist Church, 10) Connie Sue Ratliff, 11) W. S. Ellis Estate, 12) Pocahontas Gas Partnership

NOTICE IS HEREBY GIVEN that Applicant is requesting that the Virginia Gas and Oil Board (hereinafter "Board") issue an order pooling all the rights, interests, and estates of the above named persons pursuant to Virginia Code Ann. §45.1-361.1 et seq. in regard to the drilling, development and production of coalbed methane gas (including their interest in short hole gas, unsealed gob gas and gas from any increased density well) from drilling Unit V-19 containing approximately 80.0 acres, for all coal seams below the Tiller seam, including but not limited to the Upper Seaboard, Greasy Creek, Middle Seaboard, Lower Seaboard, Upper Horsepen, Middle Horsepen, War Creek, Lower Horsepen, Pocahontas No. 9, Pocahontas No. 8, Pocahontas No. 7, Pocahontas No. 6, Pocahontas No. 5, Pocahontas No. 4, Pocahontas No. 3, Pocahontas No. 2, and various unnamed seams and all associated strata (hereinafter "Subject Formation") as established by Order No. OGCB 3-90 dated May 18, 1990 and by the order to be entered in Case VGOB-91-1119-162. 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 coalbed methane gas (including short hole gas, unsealed gob gas and gas from any increased density well) from the subject drilling unit for the Subject Formation underlying and comprised of the Subject Lands;

b. With respect to coalbed methane gas in the subject drilling unit, Applicant requests that the Board establish a procedure whereby each person named herein shall have the right to elect (1) to assign or lease his 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 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(s) and costs of production as a nonparticipating operator on a carried basis after the proceeds allocable to such persons's share equal the following:

In the case of a leased tract, <u>300 percent</u> of the share of such costs allocable to such persons's interest; or

In the case of an unleased tract, <u>200 percent</u> of the share of such costs allocable to such persons's interest,

all determined by the Board;

- 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 or assigned his coalbed methane gas interests (including short hole gas, unsealed gob gas and gas from any increased density well) in the subject drilling unit to the operator designated herein at a rate to be established by the Board;
- d. Designating OXY USA Inc., on behalf of Buchanan Production Company, as Unit Operator; providing that the operator shall have the right to drill, develop, produce, market and sell coalbed methane gas from the subject drilling unit; granting the operator the right to market and sell the coalbed methane gas from the subject drilling unit which is attributable to the conflicting claims and interests pooled herein; providing that the operator shall have an operator's lien on the coalbed methane gas estate and rights owned or claimed by the 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 provisions for the escrow of funds pursuant to Va. Code Ann. §45.1-361.21 and 361.22;
- f. Providing that the order to be entered herein shall expire one (1) year from the date of its issuance if operations on the subject drilling unit have not commenced by said date; but further providing that if operations have commenced during said one year period, then said order shall remain in effect for so long as operations continue on the subject drilling unit;
- g. With respect to separately owned tracts and separately owned interests in the subject 80acre drilling unit, joining all the interests within each 80-acre drilling unit for the
 production of coalbed methane gas (including short hole gas, unsealed gob gas and gas
 from any increased density well) so that each owner in an 80-acre drilling unit will share
 in all production and costs therefrom regarding the 80-acre drilling unit in the proportion
 that the acreage owned by such owner bears to the entire acreage in that 80-acre drilling
 unit.
- h. Providing that operations under and in accordance with this order shall be regarded and considered as development, operations and production upon lands included within the subject 80-acre drilling unit and upon all lands included within the subject 80-acre drilling unit. Production from any well(s) drilled on, operated, or produced from any part of an

80-acre drilling unit or from any part of a longwall panel, no matter where located, shall for all purposes be regarded as production from each separately-owned tract within the subject 80-acre drilling unit and from each 80-acre drilling unit affected by a longwall panel. The portion of production produced from and attributed to any 80-acre drilling unit and any separately owned tract therein, shall be deemed for all purposes to have been actually produced from such drilling unit and tract, and development, exploration or production operations with respect to any 80-acre drilling unit shall be deemed for all purposes to be the conduct of such operations for the production of gas from each separately owned tract in said 80-acre unit, and from each 80-acre drilling unit affected by a long wall panel.

i. 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 AM, on September 15, 1992, at the Southwest Virginia 4-H Center in Abingdon, Virginia, and that notice will be published as required by 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 Oil and Gas Inspector, Department of Mines, Minerals and Energy, Division of Gas and Oil, P. O. Box 1416, Abingdon, Virginia 24210, 703/676-5423 or the Applicant at the address shown below.

DATED: August 14, 1992

BUCHANAN PRODUCTION COMPANY APPLICANT

Glenn Vangolen, General Manager

Martin E. Wirth, Land Manager

Samuel E. Gordin, Regulatory Manager

Mid-Continent Region

P. O. Drawer Q

Richlands, Virginia 24641

703/964-9802

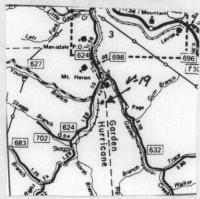
EXHIBIT "A1" Description of the location of the land which is subject of the hearing

RE: VGOB-92-09-15-0264

UNIT V-19

"Notice of Hearing"

 Represents approximate location of Unit VGOB-92-09-15-0264



BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT: Buchanan Production Company	DIVISION OF GAS AND OIL DOCKET NO.: VGOB-92-09-15-0264
RELIEF SOUGHT: POOLING)
LOCATION: SEE EXHIBITS "A" AND "A1") LIEADING DATE: Soutombor 15, 1002
UNIT NUMBER V-19	HEARING DATE: September 15, 1992
IN THE OAKWOOD COALBED METHANE GAS	FIELD, II
BUCHANAN COUNTY, VIRGINIA	

APPLICATION

1. Parties: Applicant is Buchanan Production Company, P. O. Drawer Q, Richlands, Virginia 24641, 703/964-9802. Applicant's designated representatives are Glenn Vangolen, Martin E. Wirth, and Samuel E. Gordin whose address and telephone number are above stated. Respondents are listed on Exhibit "B", attached hereto and made a part hereof. Set forth in Exhibit "B" are the names and last-known addresses of each owner of record (who has not leased to or in writing agreed with Applicant) identified by the Applicant as having or claiming an interest in the coalbed methane gas underlying the drilling unit pooled herein. Each of the individuals named in Exhibit "B" if living, is made a party hereto. If any such individual is deceased, then the known and unknown heirs, executors, administrators, devisees, trustees and assigns, both immediate and remote, of any such legal entities named in Exhibit "B", if such entity continues to have legal existence, is made a party hereto. If any such legal entity is dissolved, then the known and unknown successors, trustees, and assigns, both immediate and remote, of such entity are made parties hereto.

2. Facts:

- a. Applicant owns or claims to own oil and gas leases, coalbed methane gas leases, and/or coal leases and claims the right thereunder to explore for, develop and produce coalbed methane gas (including short hole gas, unsealed gob gas and gas from any increased density well) from all coal seams below the Tiller seam, including but not limited to the Upper Seaboard. Greasy Creek, Middle Seaboard, Lower Seaboard, Upper Horsepen, Middle Horsepen, War Creek, Lower Horsepen, Pocahontas No. 9, Pocahontas No. 8, Pocahontas No. 7, Pocahontas No. 5, Pocahontas No. 5, Pocahontas No. 4, Pocahontas No. 3, Pocahontas No. 2, and various unnamed seams and associated strata (hereinafter (Subject Formation") in Unit Number V-19 in Buchanan County, Virginia (hereinafter "Subject Lands"), which Subject Lands are more particularly described in Exhibit "A" attached hereto and made a part hereof. Said Exhibit "A" is a map certified by a licensed land surveyor or a licensed professional engineer showing the size and shape of the drilling unit to be pooled, as well as Applicant's interest in the subject drilling unit. Applicant attests to the fact that it believes said map conforms to existing orders issued by the Board.
- b. On Exhibits "A" and "B", Applicant has shown 1) the percentage of ownership in the drilling unit of each acreage (tract) being pooled, 2) the status of ownership of each acreage (tract) being pooled (including a description of the interest of each owner or claimant as disclosed by the examination of record title), i.e. whether leased to Applicant, leased to another person or unleased, and 3) the approximate percentage of interest in the drilling unit to be escrowed under Va. Code Ann. §45.1-361.21.D for each unidentifiable owner or claimant of a conflicting interest, if any.

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c. The Virginia Gas and Oil Board (hereinafter "Board") heretofore has established the following drilling units in the Oakwood Coalbed Gas Field I and Oakwood Coalbed Methane Gas Field II underlying and compromised of the Subject Lands:

Pool & Formation	Unit Shape & Size	Permitted Well Location	Fields & Well Classifications	Order No. & Date
All coal seams below the Tiller seam and associated strata down to the Red Shales	Approxi- mately 80 acre square drilling units (more or less)	Any point within the drilling unit allowed by Order No. OGCB 3-90 and/or the order issued in VGOB-91-1119- 162	Oakwood Coalbed Gas Field I & Oakwood Coalbed Methane Gas Field II (CBM) Wells including short hole gas gob gas and unsealed gob gas from any increased density well	Order issued by Va. Oil & Gas Conser- vation Board in Va. Oil & Gas Conser- vation Docket No. OGCB 3-90 on 5/18/90 and Order issued in VGOB-91-1119-162

- d. Applicant may permit one or more well bores on the subject lands for the production of coalbed methane gas from the subject formations.
- e. Applicant may drill and/or acquire a coalbed methane gas well(s) to an approximate depth of 2000 feet on the Subject Lands to test for coalbed methane gas in the Subject Formation. Applicant estimates the cost for the development contemplated by this application to be \$See Exhibit "C". Exhibit "C", attached hereto and made a part hereof, is Applicant's Estimate of Allowable Costs.
- f. The estimated total production from subject unit is 125 to 550 MMCF. The estimated amount of reserves from the subject drilling unit is 125 to 550 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. It should not be assumed that final production before plugging and abandonment will equal estimated reserves.
- g. Applicant has exercised diligence to locate each person owning or claiming an interest in coalbed methane gas in the subject drilling unit underlying the Subject Lands. It is necessary to prevent waste, to protect correlative rights and to ensure the safe and efficient development and production of gas and oil resources in the Commonwealth that the Board hear this matter and adjudicate the rights and equities as between Applicant and the herein named persons.
- h. Simultaneously with the filing of this application pursuant to Va. Code Ann. §45.1-361.19.A. Applicant is providing notice by certified mail, return receipt requested to each person (who has not leased to or in writing agreed with Applicant) having or claiming an interest in the coalbed methane gas, including short hole gas, unsealed gob gas and gas from increased density wells, underlying the Subject Lands pooled herein. Applicant hereby notifies Board that where the identity or location of any person is shown as "unknown" on Exhibit "B", then Applicant is unable to provide said person with written notice of the application herein.

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- i. Applicant requests the Board establish an escrow account pursuant to Va. Code Ann. §45.1-361.22.A., into which the payment of costs or proceeds attributable to conflicting interests (to the extent they are subject to escrow) shall be deposited and held for the interests of the claimants. Applicant will submit a plan for the escrowing of such funds attributable to conflicting interests at the hearing herein.
- 3. <u>Legal Authority</u>: Va. Code Ann. §45.1-361.1 et seq. V.R. 480-05-22.2 et seq. and such other regulations promulgated pursuant to law.
 - 4. Relief Sought: Applicant requests the Board issue an order providing as follows:
 - Pooling all the interests 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 coalbed methane gas (including short hole gas, unsealed gob gas and gas from any increased density wells) from the subject drilling unit for the Subject Formation underlying and comprised of the Subject Lands;
 - b. Establishing the formula for division of interest for production, revenue and costs for the subject 80-acre drilling unit when affected by a long wall panel and for each separately owned tract in said unit as follows:
 - 1. For Short Hole Gas The amount of production produced from and costs attributed to the subject unit shall be the ratio (expressed as a percentage) that the amount of acreage in the 80-acre drilling unit bears to the total acreage contained in the entire long wall panel(s) affecting said 80-acre drilling unit.
 - 2. For Unsealed Gob Gas The amount of production produced from and costs attributed to the subject 80-acre drilling unit shall be the ratio (expressed as a percentage) that the amount of acreage in any affected 80-acre drilling unit bears to the total acreage contained in the entire long wall panel(s) affecting said 80-acre drilling unit.
 - 3. For Gas from Increased Density Wells After actual commencement of coal mining operations, the amount of gas produced from and costs, to be attributed to the subject 80-acre drilling unit shall be the ratio (expressed as a percentage) that the acreage in the 80-acre drilling unit bears to the total acreage contained in the entire long wall panel(s) affecting said 80-acre drilling unit.

Prior to the actual commencement of coal mining operations, gas from an increased density well shall be deemed produced from only the 80-acre drilling unit in which the well is located.

Under the Board's order issued in VGOB-91-1119-162, the above stated division of interest for the subject drilling unit is shown on Exhibit "_G_" attached hereto and made a part hereof, which exhibit reflects the applicable mine plan for the 80-acre drilling unit which is the subject of this application.

c. With respect to coalbed methane gas in the subject drilling unit (including short hole gas, unsealed gob gas and gas from any increased density well). Applicant requests that the Board establish a procedure whereby each person named herein shall have the right to

elect (1) to assign or lease his 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 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(s) and costs of production as a nonparticipating operator on a carried basis after the proceeds allocable to such persons's share equal the following:

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

In the case of an unleased tract, <u>200 percent</u>, of the share of such costs allocable to such person's interest,

all as determined by the Board.

- d. 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 or assigned his coalbed methane gas interests (including his interest in short hole gas, unsealed gob gas and gas from any increased density well) in the subject drilling unit to the operator designated herein at a rate to be established by the Board.
- e. Designating OXY USA Inc., on behalf of Buchanan Production Company, as Unit Operator; providing that the operator shall have the right to drill, develop, produce, market and sell coalbed methane gas (including short hole gas, unsealed gob gas and gas from any increased density well) from the subject drilling unit; granting the operator the right to market and sell the coalbed methane gas (including short hole gas, unsealed gob gas and gas from any increased density well) from the subject drilling unit which is attributable to the conflicting claims and interests pooled herein; providing that the operator shall have an operator's lien on the coalbed methane gas estate and rights owned or claimed by the 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.
- f. Making any necessary provisions for the escrow of funds pursuant to Va. Code Ann. §45.1-361.21 and 361.22.
- Providing that the order to be entered herein shall expire one (1) year from the date of its issuance if operations have not commenced by said date; but further providing that if operations have commenced during said one year period, then said order shall remain in effect for so long as operations continue on the subject drilling unit. However, in the event an appeal is taken from the order issued, the time between the mailing of the notice of appeal and the final order of the Circuit Court shall be excluded in calculating the one year period referred to herein.
- h. With respect to separately owned tracts and separately owned interests in the subject 80-acre drilling unit, joining all the interests within each 80-acre drilling unit for the production of coalbed methane gas (including short hole gas, unsealed gob gas and gas from any increased density well) so that each owner in an 80-acre drilling unit will share in all production and costs regarding the 80-acre drilling unit in the proportion that the acreage owned by each owner bears to the entire acreage in that 80-acre unit.

Docket No. VGOB-92-09-15-0264 Page 5

i.

- Providing that operations under and in accordance with this order shall be regarded and considered as development, operation and production upon lands included within the subject 80-acre drilling unit and upon all lands included within the subject 80-acre drilling unit affected by a long wall panel. Production from any well(s) drilled on, operated, or produced from any part of an 80-acre drilling unit or from any part of a longwall panel, no matter where located, shall for all purposes be regarded as production from each separately-owned tract within the subject 80-acre drilling unit and from each 80-acre drilling unit affected by a longwall panel. The portion of production produced from and attributed to any 80-acre drilling unit and any separately owned tract therein, shall be deemed for all purposes to have been actually produced from such drilling unit and tract, and development, exploration or production operations with respect to any 80 acre drilling unit shall be deemed for all purposes to be the conduct of such operations for the production of gas from each separately owned tract in said 80-acre unit, and from each 80-acre drilling unit affected by a longwall Panel.
- j. 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 14 day of August

BUCHANAN PRODUCTION COMPANY APPLICANT

Glenn Vangolen, General Manager

Martin E. Wirth, Land Manager Samuel E. Gordin, Regulatory Manager

Mid-Continent Region P. O. Drawer Q

Richlands, Virginia 24641

703/964-9802

Docket No.	VGOB-92-09-15-02	64
Page 6		

CERTIFICATE

my knowledge,	I hereby certify pursu information and belief		2 that the foregoing Application is true and correct	to the best of
each coalbed m	by simultaneously winethane gas owner or cl	th the filing of this Applicati	th the notice provisions of Va. Code Ann. § 45.1-3 ion, providing notice by certified mail, return receipt to or in writing agreed with Applicant) shown on cation.	t requested to
	Dated this 14th	day ofAugust	, 1992.	
		В	Buchanan Production Company	
			Samuel & Santo	
			Glenn Vangolen, General Manager Martin E. Wirth, Land Manager Samuel E. Gordin, Regulatory Manager Mid-Continent Region P.O. Drawer Q Richlands, VA 24641 703/964-9802	
		AFFIDAVIT OF I Pursuant to VR 486		
Samuel E. Go	rdin	, being first duly swor	rn on oath, deposes and says:	
that your affian owners of coal	bed methane in the Uni	ocedures employed by Bucha it in question; and that your	he Buchanan Production Company, office in Richlan anan Production Company, to locate persons who a affiant is informed and believes that due diligence a said potential claimants with the foregoing notice	y be potential was exercised
Dated this 14t	h day of Augus	t , 19 <u>92</u>	Samuel E. Gordin	
		ACKNOWLE	EDGEMENT	
STATE OF V				
The forego Gordin	ing instrument was ack	nowledged before me this	14th day of August, 1992	y <u>Samuel E.</u>
My commission October 31, 19	######################################		Notary Public Cindy Blevins	
			999999999	

EXHIBIT "A", Page 2

Ownership information pertaining to V-19 unit.

1.	Percent of coalbed methane rights owned or leased by applicant:				
	Coal Owner(s)				
	Gross Percentage	Net Percentage			
	100%	100%			
	Oil & Gas Owner(s)				
	Gross Percentage	Net Percentage			
	100.00 %	9.09%			
2.	Percent of coalbed methane rights not leased to applica	ant:			
	Coal Owner(s)				
	Gross Percentage	Net Percentage			
	0.00%	0.00%			
	Oil & Gas Owner(s)				
	Gross Percentage	Net Percentage			
	90.91%	90.91%			
3.	Percentage of coal leased: 100.00%				
4.	Total interest to be pooled:				
	a. Coal interest; 0.00%				
	b. Oil & Gas interest; 90.91%				

EXHIBIT "A1"

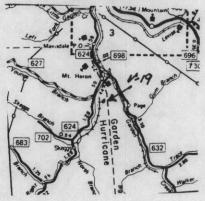
Description of the location of the land which is subject of the hearing

RE: VGOB-92-09-15-0264

UNIT V-19

"Notice of Hearing"

 Represents approximate location of Unit VGOB-92-09-15-0264



PARTIES RESPONDENT EXHIBIT "B"

add-more, dismiss-Ellis heiro

Unit <u>V-19</u>

RESPONDENT(S) WHO HAVE NOT LEASED OR OTHERWISE CONTRACTED WITH APPLICANT

	Owner	Mineral Ownership	Net Acreage Within Unit	Undivided Net Interest Within Unit
0	Tract			
1. w	Dianne L. Graham 3106 Canter Lane Loveland, CO 80537	Oil and Gas	52.60	65.75%
	Tract 1A			
1.	Norfolk & Western Railroad Company Real Estate Department 185 Spring Street Atlanta, GA 30303	Oil and Gas	7.68	9.60%
	Tract 1B			
1.	Donald Ratliff Box 70 Oakwood, VA 24631	Oil and Gas	4.15	5.19%
	Tract 1C			
1.	John P. Ratliff Rt. 2, Box 60 Oakwood, VA 24631	Oil and Gas	1.36	1.70%
	Tract 1D			
1.	Connie Sue Ratliff Rt. 2, Box 60 Oakwood, VA 24631	Oil and Gas	3.64	4.54%
	Tract 1E			
1.	Wyatt Ratliff Rt. 2, Box 49 Oakwood, VA 24631	Oil and Gas	0.33	0.41%
	Tract 1F			
1.	Jackie Randall Boyd and Mary Carol Boyd Rt. 5, Box 784 Abingdon, VA 24210	Oil and Gas	0.44	0.55%
	Tract 1G			
1.	Dollie R. Ratliff Box 122 Mavisdale, VA 24627	Oil and Gas	1.36	1.70%

	Owner	Mineral Ownership	Net Acreage Within Unit	Undivided Net Interest Within Unit
	Tract 1H			
1.	Jerusalem Primitive Baptist Church Rt. 2, Oakwood, VA 24631	Oil and Gas	0.18	0.23%
	Tract 3			
1.	Connie Sue Ratliff Rt. 2, Box 60 Oakwood, VA 24631	Oil and Gas	0.73	0.92%
	Tract 4			
1 dien	W. S. Ellis, heirs, devisees & assigns (Address Unknown)	Oil and Gas	0.26	0.32%
2.	Pocahontas Gas P. O. Box 947 Bluefield, VA 24605 Attn: Les Arrington	CBM Lessee	0.26	0.32%

Docket No. VGOB-92-09-15-0264	Docket	No.	VGOB-9	2-09-	15-0264
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ALEXANDER OF THE PARTY OF THE P	CONTRACTOR OF STREET	0.000	
EXH	DIT	"D1	99
CAL	IDII	DI	

Other pe	ersons e	entitled t	to notice	under \	Va.	Code A	nn.	8	45.1-361.19
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Name

Status of Ownership

1. None.

Applicant, has under lease or contract the Coalbed Methane Gas underlying the tract(s) within this unit from all other interest owners.

VGOB 92-09-15-0264 Exhibit "C"

Estimate of Allowable Costs

Borehole Fee

Equipment:

Title:

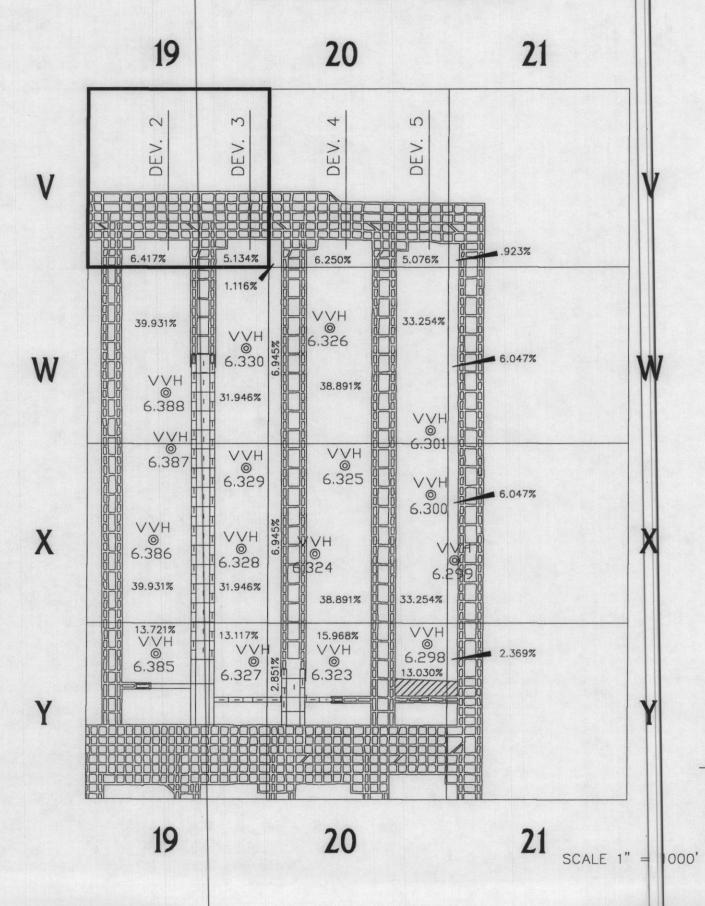
Title Opinion	\$ 52,000
Title Curative	\$ 6,400
Division Order Opinion	\$ 5,000
Survey	\$ 12,000

Regulatory:

State Permit Fee	\$	250
State Force Pooling Fee	Š	100
Postage	\$	150
Publication	\$	800
Legal	\$	500
	\$ 7	7,200

Virginia Gas and Oil Board
Docket No. VGOB - 92-09-15-0264
Exhibit "G" Page 1

VP6 Short Hole Production



VGOB -92-09-15-0264 Exhibit "G", Page 2

Unit					
V-19	\$		\$ 77,200		
W-19	\$142,500		\$184,000		
X-19	\$142,500		\$172,000		
Y-19	\$142,500		\$160,000		
	\$427,500		\$593,200		
	Panel Dev. 3				
	% of Panel		Total Cost		
Unit	in Unit	x	of Panel	=	Unit Cost
V-19	5.134%	x	\$593,200	=	30,454
V-20	1.116%	x	\$593,200	=	6,620
W-19	31.946%	x	\$593,200	=	189,504
W-20	6.945 %	x	\$593,200	=	41,198
X-19	31.946%	x	\$593,200	=	189,504
X-20	6.945 %	X	\$593,200	=	41,198
Y-19	13.117%	x	\$593,200	=	77,810
Y-20	2.851%	x	\$593,200	=	16,912
	100.00%				593,200
	Panel Dev. 2				
	% of Panel		Total Cost		
Unit	in Unit	X	of Panel	=	Unit Cost
V-19	6.417%	X	\$427,500	=	27,433
W-19	39.931%	X	\$427,500	=	170,705
X-19	39.931%	X	\$427,500	=	170,705
Y-19	13.721%	X	\$427,500	=	58,657
	100.00%				\$427,500

EXHIBIT "G", VGOB-92-09-15-0256 FORMULA FOR DIVISION OF INTEREST PAGE 3

	PAGE 3		
UNIT: V-19			
NAME	NET% INTEREST	UNIT% INTEREST	DIVISION OF
李明成是1978年1978年1978日 日本中国共和国共和国共和国共和国共和国共和国共和国共和国共和国共和国共和国共和国共和国	IN UNIT *	IN PANEL **	INTEREST
Panel: Dev. 3			
Dianne L. Graham	65.75%	5.134%	3.376%
Norfolk and Western Railroad Co	9.60%	5.134%	0.493%
Donald Ratliff	5.19%	5.134%	0.266%
John P. Ratliff	1.70%	5.134%	0.087%
Connie Sue Ratliff	5.46%	5.134%	0.280%
Wyatt Ratliff	0.41%	5.134%	0.021%
Jackie Randall Boyd, et ux	0.55%	5.134%	0.028%
Dollie R. Ratliff	1.70%	5.134%	0.087%
Jerusalem Primitive	0.23%	5.134%	0.012%
Baptist Church			
W. S. Ellis Estate	0.32%	5.134%	0.016%
Pocahontas Gas Partnership	0.32%	5.134%	0.016%
有限股份是中国企业企业区域中,各种国际企业专项			
Panel: Dev. 2			
Dianne L. Graham	65.75%	6.417%	4.219%
Norfolk and Western Railroad Co	9.60%	6.417%	0.616%
Donald Ratliff	5.19%	6.417%	0.333%
John P. Ratliff	1.70%	6.417%	0.109%
Connie Sue Ratliff	5.46%	6.417%	0.350%
Wyatt Ratliff	0.41%	6.417%	0.026%
Jackie Randall Boyd, et ux	0.55%	6.417%	0.035%
Dollie R. Ratliff	1.70%	6.417%	0.109%
Jerusalem Primitive	0.23%	6.417%	0.015%
Baptist Church			
W. S. Ellis Estate	0.32%	6.417%	0.021%
Pocahontas Gas Partnership	0.32%	6.417%	0.021%
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* FROM EXHIBIT 'B"			
** FROM EXHIBIT "G"			

North 13", Page 1 VGOB-92-09-15-0264

RESOLUTION OF THE MANAGEMENT COMMITTEE OF BUCHANAN PRODUCTION COMPANY

It is herby resolved by the Management Committee that effective November 1, 1991, the authority to explore, develop, maintain the properties and assets of Buchanan Production Company now owned or hereafter acquired is hereby delegated to OXY USA Inc.

IN WITNESS WHEREOF, the undersigned have set their signature this 17th day of January , 1992.

OXY USA Inc.

Joe H. Crosby, Vice President Mid-Continent Region

MANAGEMENT COMMITTEE OF BUCHANAN PRODUCTION COMPANY

Joe H. Crosby

Glenn M. Vangolen

James R. Beckett

1992.

CONSENT TO APPOINTMENT AS DESIGNATED OPERATOR -- UNIT V-19

WHEREAS, Buchanan Production Company, a Virginia general partnership, has delegated to OXY USA Inc. the authority to explore, develop and maintain the properties and assets of Buchanan Production Company;

WHEREAS, OXY USA Inc. has accepted said delegation and has agreed to explore, develop and maintain the properties and assets of Buchanan Production Company;

WHEREAS, Buchanan Production Company has petitioned the Virginia Gas and Oil Board seeking the appointment of OXY USA Inc. as the coalbed methane gas well unit operator of Unit V-19;

NOW, THEREFORE, OXY USA Inc. does hereby consent to serve as coalbed methane gas well unit operator for Unit V-19, if appointed by the Virginia Gas and Oil Board, and to faithfully discharge the duties imposed upon it as unit operator by statute and regulation.

Dated at Richlands, Virginia, this 14th day of August

OXY USA Inc.

By

Glenn Vangolen

Its: Project Manager

Sept. 4, 92 Va Dil and Das Board Abingdon Va. Dear Sir at your Sept. 15, 92 hearing pertaining to the Permitting of Buchanam Production Company taking our bas off whit V19 your truly Conrie S. Katuff



OXY USA INC.

1600 Front Street, Suite 200 P.O. Box Drawer Q, Richlands, VA 24641 Telephone 703 964-9802 Fax 703 963-0381

August 14, 1992

Virginia Gas and Oil Board
Department of Mines, Minerals & Energy
Division of Gas & Oil
P. O. Box 1416
Abingdon, Virginia 24210
Attn: Ms. Diane Davis

AUG 1992

ONVISION OF GAS & OIL

RE: Docket No.: VGOB-92-09-15-0264

Dear Ms. Davis:

Enclosed herewith please find an original and copies of ten (10), Application(s), Hearing(s), to be filed before the Virginia Gas and Oil Board in the above Docket. Application(s), on the 15th of September, 1992, Docket.

and Notice of Please set the

Very truly yours,

Samuel E. Gordin Coalbed Methane

Regulatory Affairs Coordinator

SEG/clb

Enclosures:

Application(s)

Notice of Hearing(s)

cc:

M. Swartz

D. Athens

1089-225-043					DEN	INV OR BALL BOINT BEN	20 0	- Daniel	T TVDE	TOTAL STATE OF THE PARTY OF THE		-		
insurance is \$50,000 per piece subject to a limit of \$500,000 per occurrence. The maximum indemnity payable on Express Mail merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for Registered Mail, \$500 for COD and \$500 for Insured Mail. Special handling charges apply only to Third- and Fourth-Class parcels.	rrence. um inder ial hand	per occu he maxim fail. Spec	\$500,000 \$500. Th Insured N	to a limit of insurance in \$500 for I	for COD ans saparcels.	Express Mail d Mail, \$500 d Fourth-Class	nsurance is to y payable on or Registere of Third- and	2 3.7 E :		Many titte	10		U	7
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Rest. Del. Fee Remarks	Fee H	R. S. D.	D. Fee	Due Sender	Insured Value	Act. Value (If Regis.)	Handling Charge	Fee	Postage	and Post-Office Address	Name of Addressee, Street, and Post-Office Address		Number of Article	Line
TAI3.	II. OF REC	Affix stamp here if leaved as certificate of mailing or for additional copies of this bill. POSTMARK AND DATE OF RECEIPT	mp here te of mail copies	Affix sta certificat additional POSTMA	ck for nce nrance	Check appropriate block for Registered Mail: With Postal Insurance Without Postal Insurance	Check appropriate Registered Mail: With Postal I Without Postal	Receipt rchandise Mail	mail A Return Receipt For Merchandis	Indicate type of Registered Insured COD COD	Drawer & lands, VA	9 Rich	ND SS V- I	ADDRESS OF SENDER
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FORM MUST BE COMPLETED BY TYPEWRITER, INK OR BALL POINT PEN

haco-51-60-12-0214

*U.S. Government Printing Office: 1988-225-943

EXHIBIT 'E''
VGOB-92-09-15-0264

	I, Lodge Compton, editor and publisher of THE VIRGIN
	MOUNTAINEER, a weekly newspaper published in the Town
	Grundy, Buchanan County, Virginia, hereby certify that the Ord of Publication: OXY USA Inc
	hereto attached, was duly published in said THE VIRGIN
	MOUNTAINEER once a week for successive week
	commencing on the 27th day of August
	19_92.
	Given under my happel, this 2nd day of September
	1992
	Todas Gunta
	Editor and Publisher
	Printer's Fee: \$
CLERK'S OFFICE, Circuit Co	ourt, Buchanan County, Virginia:
	Clerk of the Circuit Court of County
	order of publication in this suit gives the abbreviated style of the suit the defendants, or unknown parties, against whom it is entered to appea
	after entry of the order of publication. I further certify that the order of
	week for four successive weeks in THE VIRGINIA MOUNTAINEER
	ler of publication was posted at the front door of the courthouse wherein thi
	of such order of publication was mailed to each of the defendants at the
	vit required by Section 8.01-316, all these things having been done within
10 days after the order of publication wa	
Given under my hand this	day of
	Clerk
	Ву:
	Deputy Clerk

BEFORE THE VIRGINIA GAS AND OIL BOARD



IN RE:

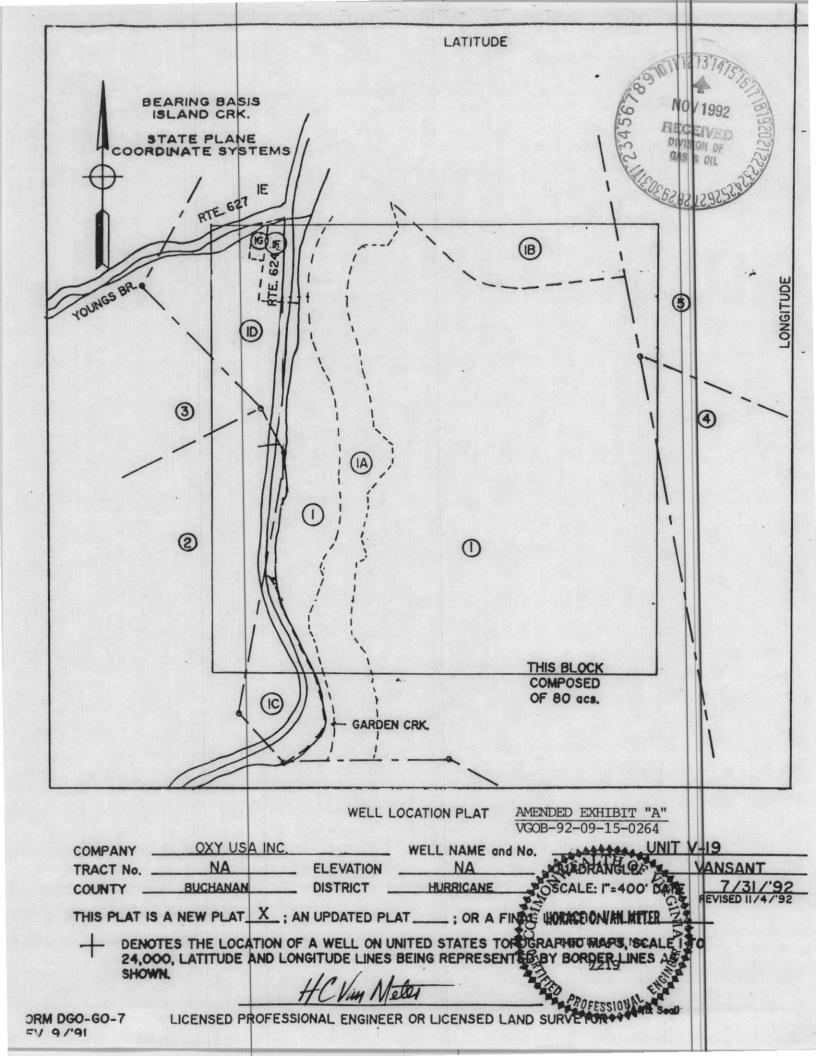
Application of	Buchanan Produ	action Compa	any for Forced	Pooling of Inter	ests in Coalbed
Methane Unit	CBM V-19/B	, VGOB	Docket No	92-0915-0264	_ in the
Hurricane	District of _	Buchanan	, County,	, Virginia	

AFFIDAVIT OF DESIGNATED OPERATOR, OXY USA Inc., ON BEHALF OF BUCHANAN PRODUCTION COMPANY, APPLICANT, REGARDING CERTIFIED MAILING

Samuel E. Gordin, being first duly sworn on oath, deposes and says:

- 1. That your affiant is employed by OXY USA Inc., the Designated Operator, at its office located at 1600 Front Street, Suite 200, P.O. Drawer Q, Richlands, Virginia 24641; that your affiant is the Designated Operator's Regulatory Affairs Coordinator;
- 2. That the order entered on <u>December 14</u>, 1992 by the Virginia Gas and Oil Board regarding the captioned CBM Unit required the Applicant to mail a true and correct copy of said order to each person pooled by said order;
- 3. That within seven (7) days of the receipt of an executed copy of the order referred to at paragraph 2 above, your affiant caused true and correct copies of the said order to me mailed via the United States Postal Service to each respondent named in the captioned Application, whose address was known, and to all persons, if any, who were added as Respondents at the hearing held in the captioned matter; but that a copy of the order was not mailed to any person who was dismissed as a Respondent at the hearing held in the captioned matter; that annexed hereto and incorporated herein are copies of the letters of transmittal, receipts for certified mail, and return receipts pertaining to said mailing;
- 4. That the Order of the Virginia Gas and Oil Board in the captioned matter required all persons pooled thereby to tender their written elections to the Unit Operator within thirty (30) days of the dated said order was recorded in the county above named; that said order was recorded on <u>December 22</u>, 1992;

Dated at Richlands, Virginia, this _5_	day of
Taken, subscribed and sworn to before no Coordinator of OXY USA Inc., a corporation, day of, 1993.	ne by Samuel E. Gordin, the Regulatory Affairs behalf of the corporation, this
My	commission expires: Oct. 31, 1996 Purily & Blevins COMMONWEALTH OF VIRGINIA COMMONWEALTH OF V



AMENDED PARTIES RESPONDENT EXHIBIT "B" Unit No.: V-19

RESPONDENT(S) WHO HAVE NOT LEASED OR OTHERWISE CONTRACTED WITH APPLICANT

	Owner	Mineral Ownership	Net Acreage Within Unit		
	Tract1				
1.	Dianna L. Graham Address Unknown	Oil & Gas	52.60	acs	65.75000%
	Tract 1 a				
	Norfolk and Southern Corporation 185 Spring Street, S.W. Atlanta, Georgia 30303	Oil & Gas	7.68	acs	9.60000%
	Tract 1 b				
1.	Donald and Anna P. Ratliff Route 2, Box 56 Oakwood, Virginia 24631 (Note 1.)	Oil & Gas	4.15	acs	5.190000%
	Tract 1 c				
١.	John P. Ratliff Route 2, Box 60 Oakwood, Virginia 24631	Oil & Gas	1.36	acs	1 70000%
	Tract1 d & 3				
	Connie Sue Ratliff Address Unknown	Oil & Gas	4.81	acs	6.01250%
	Tract 1 e				
۱.	Wyatt and Grace Ratliff Route 2, Box 49 Oakwood, Virginia 24631	Oil & Gas	0.33	acs	0.41000%
	Tract 1 f				
l.	Dollie R. Ratliff, heirs, successors devisees and/or assigns Box 122	Oil & Gas	1.36	acs	1.70000%
	Mavisdale, Virginia 24627				
	Tract 1 g	01.0.0	0.10		
	Jerusalem Primitive Baptist Church Route 2 Oakwood, Virginia 24631	Oil & Gas	0.18	acs 89	23000% *
	* Possible outconveyance to Norfolk (Note 1.) Possibly subject to Judgme		oration	A CONTRACTOR OF THE PARTY OF TH	En El

AMENDED EXHIBIT "A", Page 2

Ownership	information pertaining to _	V-19 unit.		
Percent of coalbed met	hane rights <u>owned or leasec</u>	by applicant:		
	Coal Owner(s)			
Gross Percentage		Net Percentage		
100 %		100 %		
	Oil & Gas Owner(s	<u>s)</u>		
Gross Percentage		Net Percentage		
100 %		9.4075%		
Percent of coalbed methane rights not leased to applicant:				
	Coal Owner(s)			
Gross Percentage		Net Percentage		
0.00%		0.00%		
	Oil & Gas Owner(s	<u>s)</u>		
Gross Percentage		Net Percentage		
90.5925%		90.5925%		
Percentage of coal lease	ed:			
Total interest to be poo	led:			
a. Coal interest; b. Oil & Gas intere				

AMENDED EXHIBIT "B1" Unit V-19

Other persons entitled to notice under Va. Code Ann. § 45.1-361.19

	<u>Name</u> <u>Sta</u>	tus of Ownership		
	Tract4			
1.	Pocahontas Gas Partnership Box 200 Mavisdale, Virginia 24627	CBM Lessee	0.26 acs	0.32 %
	Subject to voluntary Letter of Agreement	dated January 31, 1992	!	
	Tract 1 d and 3			
1.	United States Internal Revenue Service Special Procedure Unit Post Office Box 10025 Richmond, Virginia 23240	Possible Tax Lien	4.81 acs	6.01250%
2.	Commonwealth of Virginia Department of Taxation 1969 Lee Highway, Suite U-3 Bristol, Virginia 24201	Possible Tax Lien	4.81 acs	6.01250%
	Tract 1 c			
	Buchanan County Tax Assessor Post Office Box 950 Grundy, Virginia 24614	Possible Tax Lien	2HH-73, Parcel 22 Tax	1.70000% Map

Applicant, has under lease or contract the Coalbed Methane Gas underlying the tract(s) within this unit from all other interest owners.

PARTIES RESPONDENT EXHIBIT "B" AMENDED

Unit <u>V-19</u>

RESPONDENT(S	WHO HAVE NOT	LEASED OR	OTHERWISE	CONTRACTED	WITH APPLICANT
--------------	--------------	-----------	------------------	------------	----------------

	Owner	Mineral Ownership	Net Acreage Within Unit	Undivided Net Interest Within Unit
	Tract 1			
1.	Dianne L. Graham 3106 Canter Lane	Oil and Gas	52.60	65.75%
	Loveland, CO 80537 <u>Tract 1A</u>			0.92%
1.	Norfolk & Western Railroad Company	Oil and Gas	7.68	9.60%
	Real Estate Department 185 Spring Street Atlanta, GA 30303			0.32%
	Tract 1B			
1.	Donald Ratliff Box 70 Oakwood, VA 24631	Oil and Gas	4.15	5.19%
	Tract 1C			
1.	John P. Ratliff Rt. 2, Box 60 Oakwood, VA 24631	Oil and Gas	1.36	1.70%
	Tract 1D			
1.	Connie Sue Ratliff Rt. 2, Box 60 Oakwood, VA 24631	Oil and Gas	3.64	4.54%
	Tract 1E			
1.	Wyatt Ratliff Rt. 2, Box 49 Oakwood, VA 24631	Oil and Gas	0.33	0.41%
	Tract 1F			
1.	Jackie Randall Boyd and Mary Carol Boyd Rt. 5, Box 784 Abingdon, VA 24210	Oil and Gas	0.44	0.55%
	Tract 1G			
1.	Dollie R. Ratliff Box 122 Mavisdale, VA 24627	Oil and Gas	1.36	1.70%



OXY USA INC.

1600 Front Street, Suite 200 P.O. Box Drawer Q, Richlands, VA 24641 Telephone 703 964-9802 · Fax 703 963-0381

November 12, 1992

Division of Mines, Minerals and Energy Division of Gas and Oil P.O. Box 1416 Abingdon, Virginia 24210 Attn: Mr. Bryon T. Fulmer

RE:

Amended Exhibits

VGOB 92-09-15-0264

Unit V-19

Dear Mr. Fulmer:

Enclosed are the following amended exhibits:

VGOB 92-09-15-0264

Exhibit A, Page 1

Exhibit A, Page 2

Exhibit B

Exhibit B-1

Please place these exhibits into this Force Pooling Application.

Very truly yours

Samuel É. Gordin

Regulatory Affairs Coordinator

SEG/kdc

cc:

Ms. Sandy Riggs, Esq.

Division of Mines, Minerals and Energy

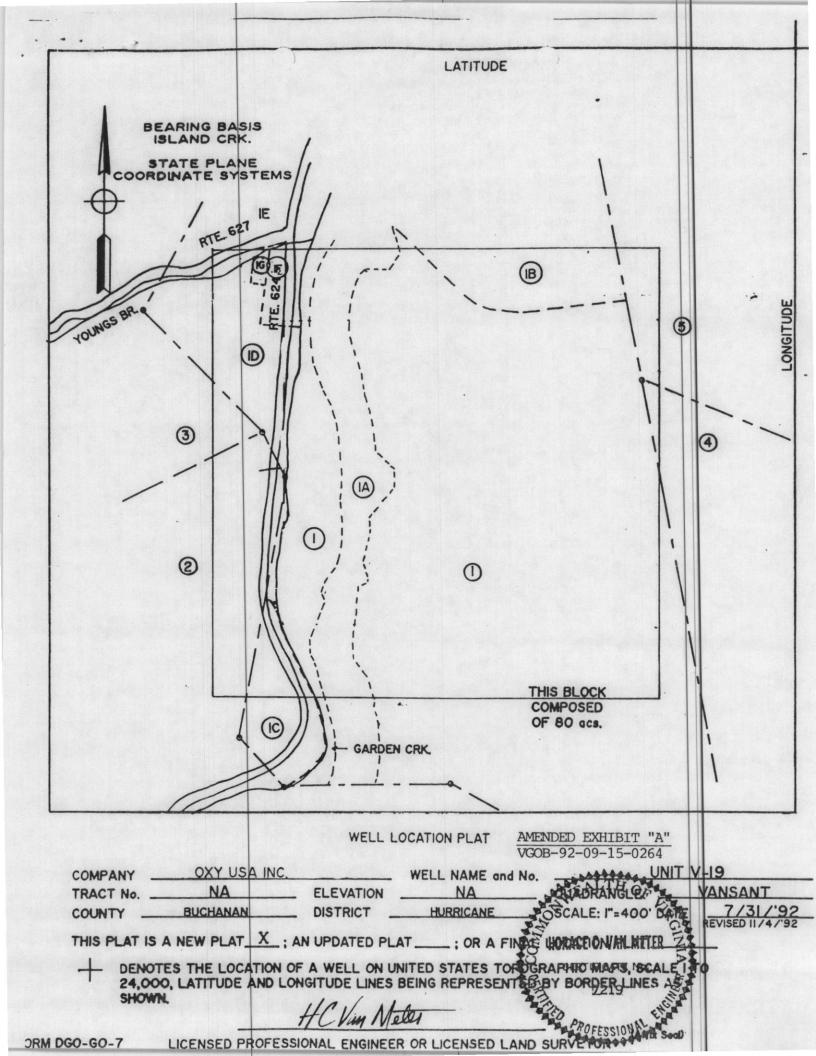
P.O. Box 900

Big Stone Gap, Virginia 24219

Mr. Mark Swartz, Esq.

Enclosure





AMENDED EXHIBIT "A", Page 2

Ownership information	pertaining to	V-19 unit.
Percent of coalbed methane rights ov	wned or leased	by applicant:
<u>C</u>	coal Owner(s)	
Gross Percentage		Net Percentage
100 %		100 %
Oil 8	& Gas Owner(s)	
Gross Percentage		Net Percentage
100 %		9.4075%
Percent of coalbed methane rights r	not leased to ap	plicant:
C	oal Owner(s)	
Gross Percentage		Net Percentage
0.00%		0.00%
Oil 8	& Gas Owner(s)	
Gross Percentage		Net Percentage
90.5925%		90.5925%
Percentage of coal leased: 100	%	
Total interest to be pooled:		
a. Coal interest; 0.00% b. Oil & Gas interest; 90.5925%	·.	

AMENDED PARTIES RESPONDENT EXHIBIT "B" Unit No.: V-19

RESPONDENT(S) WHO HAVE NOT LEASED OR OTHERWISE CONTRACTED WITH APPLICANT

	Owner	Mineral Ownership	Net Acreage Within Unit	Undivided Ne Within Unit	
	Tract1				
1.	Dianna L. Graham Address Unknown	Oil & Gas	52.60	acs	65.75000%
	Tract 1 a				
1.	Norfolk and Southern Corporation 185 Spring Street, S.W. Atlanta, Georgia 30303	Oil & Gas	7.68	acs	9.60000%
	Tract 1 b				
1.	Donald and Anna P. Ratliff Route 2, Box 56 Oakwood, Virginia 24631 (Note 1.)	Oil & Gas	4.15	acs	5. 90000%
	Tract 1 c				
1.	John P. Ratliff Route 2, Box 60 Oakwood, Virginia 24631	Oil & Gas	1.36	acs	1.70000%
	Tract1 d & 3				
1.	Connie Sue Ratliff Address Unknown	Oil & Gas	4.81	acs	6.01250%
	Tract 1 e				
1.	Wyatt and Grace Ratliff Route 2, Box 49 Oakwood, Virginia 24631	Oil & Gas	0.33	acs	0.41000%
	Tract 1 f				
1.	Dollie R. Ratliff, devisees and/or Box 122 Mavisdale, Virginia 24627	Oil & Gas	1.36	acs	1.70000%
	Tract 1 g				
1.	Jerusalem Primitive Baptist Church Route 2 Oakwood, Virginia 24631	Oil & Gas	0.18	acs	0 23000% *

* Possible outconveyance to Norfolk Southern Corporation (Note 1.) Possibly subject to Judgment Lien(s)

AMENDED EXHIBIT "B1" Unit V-19

Other persons entitled to notice under Va. Code Ann. § 45.1-361.19

	Name Star	tus of Ownership		
	Tract4			
1.	Pocahontas Gas Partnership Box 200 Mavisdale, Virginia 24627	CBM Lessee	0.26 acs	0.32 %
	Subject to voluntary Letter of Agreement	dated January 31, 1992		
	Tract 1 d and 3			
1.	United States Internal Revenue Service Special Procedure Unit Post Office Box 10025 Richmond, Virginia 23240	Possible Tax Lien	4.81 acs	6.01250%
2.	Commonwealth of Virginia Department of Taxation 1969 Lee Highway, Suite U-3 Bristol, Virginia 24201	Possible Tax Lien	4.81 acs	6.01250%
	Tract 1 c			
	Buchanan County Tax Assessor Post Office Box 950 Grundy, Virginia 24614	Possible Tax Lien	2HH-73, Parcel 22 Ta	1.70000% x Map

Applicant, has under lease or contract the Coalbed Methane Gas underlying the tract(s) within this unit from all other interest owners.

AFFIDAVIT

THIS AFFIDAVIT is to certify that Virginia Gas Company has mailed, within seven (7) days from its receipt of the VGOB Report of the Board, Findings and Order concerning the EH-65 well unit (Docket No. VGOB 92-0317-0205), a true and correct copy of said report to each person pooled by this order whose address is shown on Exhibit B of said report.

Signature:

James D. Rasnake Land Manager

Virginia Gas Company

ACKNOWLEDGMENT

COMMONWEALTH OF VIRGINIA)

COUNTY OF WASHINGTON)

SUBSCRIBED AND SWORN to before me this ____

_ day of December

Notary Public

My commission expires:

stember 30, 1996



VIRGINIA:

BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT: BUCHANAN PRODUCTION COMPANY

RELIEF SOUGHT:

MODIFICATION OF ORDER POOLING INTERESTS IN DRILLING UNIT NO. W-19/W-19B) 92-0915-0265-01 LOCATED IN THE OAKWOOD) COALBED METHANE GAS FIELDS I AND II PURSUANT TO VA.) Docket Nos. 92-0915-0265 CODE § 45.1-361.22,) and 92-1117-0290 entered FOR THE PRODUCTION OF) January 11, 1993 and filed OCCLUDED NATURAL GAS PRODUCED) with the Clerk of the FROM COALBEDS AND ROCK STRATA) Circuit Court of Buchanan ASSOCIATED THEREWITH) County on January 23, 1993 FROM FRAC WELLS, SHORT HOLES,) in Deed Book 402 at Page UNSEALED GOB, AND ANY) 664 (herein "Original Pool-ADDITIONAL WELLS THAT MAY) ing Order") and (2) Sup-BE AUTHORIZED PURSUANT TO VA. CODE § 45.1-361.20 (herein collectively referred) February 17, 1993 and to as "Coalbed Methane Gas") filed February 24, 1993 at or "Gas")

LEGAL DESCRIPTION:

DRILLING UNIT NUMBER W-19/W-19B (hereafter "Subject Drilling Unit") IN THE OAKWOOD COALBED METHANE GAS FIELDS I AND II HURRICANE MAGISTERIAL DISTRICT, VANSANT QUADRANGLE BUCHANAN COUNTY, VIRGINIA (the "Subject Lands" are more particularly described on Exhibit "A", attached hereto and made a part hereof)

VIRGINIA GAS AND OIL BOARD

DOCKET NO. (Modifying the Board's) Orders in Consolidated) plemental Order in VGOB) 92-1215-0305 entered Deed Book 405, Page 133

REPORT OF THE BOARD

FINDINGS AND ORDER

- Hearing Date and Place: This matter came on for hearing before the Virginia Gas and Oil Board (hereafter "Board") at 9:00 a.m. on March 21, 2001, Southwest Virginia Higher Education Center, Campus of Virginia Highlands Community College, Abingdon, Virginia.
- Appearances: Mark A. Swartz of Swartz & Stump, L.C., appeared for the Applicant. Sandra B. Riggs was present to advise the Board.
- Jurisdiction and Notice: Pursuant to Va. Code §§ 45.1-361. 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 search of the reasonably available sources to determine the identity and whereabouts of gas

and oil owners, coal owners, mineral owners and/or potential owners, i.e., persons identified by Applicant as having ("Owner") or claiming ("Claimant") the rights to Coalbed Methane Gas in all coal seams below the Tiller Seam (hereafter "Subject Formation") in Subject Drilling Unit underlying and comprised of Subject Lands; (2) has given notice to all such 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 and 45.1-361.22, to notice of the Application filed herein; and (3) that the persons set forth in Exhibit B-3 hereto are persons identified by Applicant through its due diligence who may be Owners or Claimants of Coalbed Methane Gas interests in Subject Formation, in Subject Drilling Unit underlying and comprised of Subject Lands, who have not agreed to lease or sell their Gas interests to the Applicant and/or voluntarily pool their Gas interests. Further, the Board has caused notice of this hearing to be published as required by Va. Code § 45.1-361.19.B. Whereupon, the Board hereby finds that the notices given herein satisfy all statutory requirements, Board rule requirements and the minimum standards of state due process.

- 4. Amendments: None.
- 5. <u>Dismissals</u>: See Exhibit B-2 reflects parties who have entered into voluntary leases with the Applicant.
- 6. Relief Requested: Applicant requests (1) that pursuant to Va. Code § 45.1-361.22, including the applicable portions of Va. Code § 45.1-361.21, the Board pool all the rights, interests and estates in and to the Gas in Subject Drilling Unit, including the pooling of the interests of the Applicant and those of the known and unknown persons named in Exhibit B-3 hereto and that of their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, both immediate and remote, for the drilling and operation, including production, of Coalbed Methane Gas, produced from the Subject Drilling Unit established for the Subject Formation underlying and comprised of the Subject Lands, (hereafter sometimes collectively identified and referred to as "well development and/or operation in the Subject Drilling Unit"), and (2) that the Board designate Consol Energy Inc. as Unit Operator.
- 7. Relief Granted: The requested relief in this cause be and hereby is granted: (1) pursuant to Va. Code § 45.1-361.21.C.3, Consol Energy Inc. (hereafter "Unit Operator") is designated as the Unit Operator authorized to drill and operate the wells in Subject Formation in the Subject Drilling Unit, subject to: the permit provisions contained in Va. Code § 45.1-361.27 et seq.; to the Oakwood Coalbed Methane Gas Field I Order OGCB 3-90, dated May 18, 1990; to the Oakwood Coalbed Gas Field II Board's Order 91-1119-0162 effective as of December 17, 1992, to § 4 VAC 25-150 et seq., Gas and Oil Regulations; and to §§ 4 VAC 25-160 et seq., Virginia Gas and Oil Board Regulations, all as amended from time to time, and (2) all the interests and estates in and to the Gas in Subject Drilling Unit, including that of the Applicant, the Unit Operator and that of the known and unknown persons listed on Exhibit 3-3, attached hereto and made a part hereof, and their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, both immediate and remote, be and hereby are pooled in the Subject Formation in the Subject Drilling Unit underlying and comprised of the Subject Lands.

Subject		Permitted	Field and	Order
Formation	Unit Size	Well Location(s)	Well Classification	Number
All coalbeds and coal seams below the Tiller seam, including, but not limited to Upper Seaboard, Greasy Creek, Middle Seaboard, Lower Seaboard, Lower Seaboard, Upp Horsepen, Middle Seaboard, Lower Seaboard, Upp Horsepen, War Creek, Lower Horsepen, Pocahontas No. 9, 8, 7, 6, 54, 3, 2 and wunnamed seams	er, dle s. rarious		Oakwood Coalbed Gas Field I and Oakwood Coalbed Methane Gas Field II for Coalbed Methane Gas including Frac Well Gas, as well as Unsealed Gob Gas, Short Hole Gas, and Gas from any Additional Well	OGCB 3-90, as amended, (herein "Oakwood I Field Rules") VGOB No 91-1119-0162 as amended (herein "Oakwood II Field Rules"); Original Pooling Order
4, 3, 2 and vunnamed seams				

For the Subject Drilling Unit underlying and comprised of the Subject Land referred to as:

associated rock

strata

Unit Number W-19/W-19B Buchanan County, Virginia

Pursuant to the Oakwood II Field Rules, the Board has adopted the following method for the calculation of production and revenue and allocation of allowable costs for short hole and unsealed gob production of Coalbed Methane Gas dependent upon the particular long wall mining plan applicable to each 80-acre drilling unit.

The designated operator of any 80-acre drilling unit or units within the boundaries of which any long wall panel which has been isolated by the driving of entries is located and from which Unsealed Gob Gas, Short Hole Gas or Gas from any Well authorized by the Code of Virginia is produced, shall calculate production and revenue based upon the mine plan as implemented within each affected 80-acre drilling unit and in particular, based upon the mineral acreage, as platted upon the surface, in each 80-acre drilling unit actually contained within a long wall panel as depicted by said mine plan. Except as otherwise provided herein, a copy of the pertinent portion of the mine plan being utilized to calculate production, revenue and costs from any affected 80-acre drilling unit shall be filed of record with the Board prior to the payment of any revenue based upon such calculations. The formula or division of interest for production from any 80-acre drilling unit affected by a long wall panel and from any separately owned tract in any such 80-acre unit shall be calculated as follows:

- 7.1. For Short Hole Gas The amount of production produced from and attributed to each 80-acre drilling unit shall be the ratio (expressed as a percentage) that the amount of mineral acreage, when platted on the surface, which is both in the affected unit and the long wall panel, bears to the total mineral acreage, when platted on the surface, contained within the entire long wall panel affecting such 80-acre drilling unit.
- 7.2. For Unsealed Gob Gas The amount of production produced from and attributed to each 80-acre drilling unit shall be the ratio (expressed as a percentage) that the amount of mineral acreage, when platted on the surface, which is both in the affected unit and the long wall panel, bears to the total mineral acreage, when platted on the surface, contained within the entire long wall panel affecting such 80-acre drilling unit.
- After actual commencement of coal mining operations by the driving of entries and completion of isolation of a long wall panel, the amount of Gas produced from such a well and attributed to each 80-acre drilling unit shall be the ratio (expressed as a percentage) that the amount of mineral acreage, when platted on the surface, which is both in affected 80-acre drilling unit and the isolated long wall panel, bears to the total mineral acreage, when platted on the surface, contained within the entire long wall panel affecting such 80-acre drilling unit.
 - ii. For Frac Well Gas. Prior to the actual commencement of coal mining operations by the driving of entries and completion of isolation of a long wall panel, Gas from any well located in a proposed long wall panel shall be produced from and allocated to only the 80-acre drilling unit in which the well is located according to the undivided interests of each Owner/Claimant within the unit, which undivided interest shall be the ratio (expressed as a percentage) that the amount of mineral acreage within each separate tract that is within the Subject Drilling Unit, when platted on the surface, bears to the total mineral acreage, when platted on the surface, contained within the entire 80-acre drilling unit in the manner set forth in the Oakwood I Field Rules.
- 8. Election and Election Period: In the event the Virginia Department of Transportation, Connie Hess Street, Mary Ann Bartram, Harold V. Cook, Leslie K. Cook, Nancy C. Duty, Lawonne C. Gibson, Kathy Diane Webb, Francis C. Hinchee, or Hazel C. Hart (herein collectively as "persons entitled to make an election") do not reach a voluntary agreement to share in the operation of any well to be located in the Subject Drilling Unit and/or outside Subject Drilling Unit but from which production is allocated to Subject Drilling Unit, at a rate of payment mutually agreed to by said Gas Owner or Claimant and the Applicant or Operator, then any such person named may elect one of the options set forth in Paragraph 9 below and must give written notice of his election of the option selected under Paragraph 9 to the designated Unit Operator at the address shown below within thirty (30) days from the date this Order is recorded in the county above named. A timely

election shall be deemed to have been made if, on or before the last day of said 30-day period, such electing person has delivered his written election to the designated Unit Operator at the address shown below or has duly postmarked and placed its written election in first class United States mail, postage prepaid, addressed to the Unit Operator at the address shown below.

- 9. Election Options:
- Option 1 To Participate In The Development and Operation of the 9.1 Drilling Unit: Any person entitled to make an election who does not reach a voluntary agreement with the Applicant or Operator may elect to participate in the development and operation of the Subject Drilling Unit (hereafter "Participating Operator") by agreeing to pay the estimate of such Participating Operator's proportionate part of the actual and reasonable costs of the development contemplated by this Order for frac well gas, short hole gas, unsealed gob gas and gas from any increased density well produced pursuant to the Oakwood I or Oakwood II Field Rules, including a reasonable supervision fee, of the well development and operation in the Subject Drilling Unit, as more particularly set forth in Virginia Gas and Oil Board Regulation VR 4VAC 25-160-(herein "Allocable, Completed for Production Costs"). 100 Further, a Participating Operator agrees to pay the estimate of such Participating Operator's proportionate part of the Total Allocable, Completed-for-Production Panel Costs as set forth below to the Unit Operator within forty-five (45) days from the later of the date of mailing or the date of recording of this Order. | The Total Allocable, Completed-for-Production Panel Costs for the Subject Drilling Unit are as follows:

Allocable, Completed-for-Production Panel Costs:

Panel Dev 3
Panel Dev 2
Panel Dev 2

Total

189,504.00
\$170,705.00
\$360,209.00

A Participating Operator's proportionate cost hereunder shall be the result obtained by multiplying the Participating Operators' "Interest in Unit" times the Total Allocable Completed for-Production Panel Costs set forth above. Provided, however, that in the event a Participating Operator elects to participate and fails or refuses to pay the estimate of his proportionate part of the Total Allocable, Completed-for Production Panel Costs as set forth above, all within the time set forth herein and in the manner prescribed in Paragraph 8 of this Order, then such Participating Operator shall be deemed to have elected not to participate and to have elected compensation in lieu of participation pursuant to Paragraph 9.2 herein.

9.2 Option 2 - To Receive A Cash Bonus Consideration: In lieu of participating in the development and operation of Subject Drilling Unit under Paragraph 9.1 above, any person entitled to make an election who does not reach a voluntary agreement with the Applicant or Operator may elect to accept a cash bonus consideration of \$1.00 per net mineral acre owned by such person, commencing upon entry of this Order and continuing annually until commencement of production from Subject Drilling Unit, and

thereafter a royalty of 1/8th of 8/8ths [twelve and one-half percent (12.5%)] of the net proceeds received by the Unit Operator for the sale of the Coalbed Methane Gas produced from any well development covered by this Order multiplied by that person's Division of Interest or proportional share of said production for purposes of this Order, net proceeds shall be actual proceeds received less all post-production costs incurred downstream of the wellhead, including, but not limited to, all gathering, compression, treating, transportation and marketing costs, whether performed by Unit Operator or a third person] as fair, reasonable and equitable compensation to be paid to said Gas Owner or Claimant. The initial cash bonus shall become due and owing when so elected and shall be tendered, paid or escrowed within sixty (60) days of recording of this Order. Thereafter, annual cash bonuses, if any, shall become due and owing on each anniversary of the date of recording of this order in the event production from Subject Drilling Unit has not theretofore commenced, and once shall be tendered, paid or escrowed within sixty (60) days of anniversary date. Once the initial cash bonus and the annual cash bonuses, if any, are so paid or escrowed, subject to a final legal determination of ownership, said payment(s) shall be satisfaction in full for the right, interests, and claims of such electing person in and to the Gas produced from Subject Formation in the Subject Lands, except, however, for the 1/8th royalties due hereunder.

Subject to a final legal determination of ownership, the election made under this Paragraph 9.2, when so made, shall be satisfaction in full for the right, interests, and claims of such electing person in any well development and operation covered hereby and such electing person shall be deemed to and hereby does lease and assign, its right, interests, and claims in and to the Gas produced from Subject Formation in the Subject Drilling Unit to the Applicant.

Option 3 - To Share In The Development And Operation As A Non-Participating Person On A Carried Basis And To Receive Consideration In Lieu Of Cash: In lieu of participating in the development and operation of Subject Drilling Unit under Paragraph 9.1 above and in lieu of receiving a cash bonus consideration under Paragraph 9.2 above, any person entitled to make an election who does not reach a voluntary agreement with the Applicant or Operator may elect to share in the development and operation of Subject Drilling Unit on a carried basis (as a "Carried Well Operator") so that the proportionate part of the Total Completedfor-Production Panel Costs hereby allocable to such Carried Well Operator's interest is charged against such Carried Well Operator's share of production from Subject Drilling Unit. | Such Carried Well Operator's rights, interests, and claims in and to the Gas in Subject Formation in the Subject Drilling Unit shall be deemed and hereby are assigned to the Applicant until the proceeds from the sale of such Carried Well Operator's share of production from Subject Drilling Unit (exclusive of any royalty, excess or overriding royalty, or other non-operating or non cost-bearing burden reserved in any lease, assignment thereof or agreement relating thereto covering such interest) equals three hundred percent (300%) for a leased interest or two hundred percent (200%) for an unleased interest (whichever is applicable) of such Carried

Well Operator's share of the Total Completed-for-Production Panel Costs allocable to the interest of such Carried Well Operator. When the Applicant recoups and recovers from such Carried Well Operator's assigned interest the amounts provided for above, the assigned interest of such Carried Well Operator shall automatically revert back to such Carried Well Operator, and from and after such reversion, such Carried Well Operator, and from and after such reversion, such Carried Well Operator shall be treated as if it had participated initially under Paragraph 9.1 above; and thereafter, such participating person shall be charged with and shall pay his proportionate part of all further costs of such well development.

Subject to a final legal determination of ownership, the election made under this Paragraph 9.3, when so made, shall be satisfaction in full for the rights, interests, and claims of such electing person in any well development and operation covered hereby and such electing person shall be deemed to have and hereby does assign its rights, interests, and claims in and to the produced from Subject Formation in the Subject Drilling Unit to the Applicant for the period of time during which its interest is carried as above provided prior to its reversion back to such electing person.

- Failure to Properly Elect: In the event a person entitled to make an election does not reach a voluntary agreement with the Applicant or Operator and fails to elect within the time, in the manner and in accordance with the terms of this Order, one of the alternatives set forth in Paragraph 9 above for which his interest qualifies, then such person shall be deemed to have elected not to participate in the proposed development and operation of Subject Drilling Unit and shall be deemed, subject to a final legal determination or ownership, to have elected to accept as satisfaction in full for such person's right, interests, and claims in and to the Gas in Subject Formation in the Subject Drilling Unit the consideration provided in Paragraph 9.2 above for which its interest qualifies and shall be deemed to have leased and/or assigned his right, interests, and claims in and to said Gas produced from Subject Formation in the Subject Drilling Unit to the Applicant. Persons who fail to properly elect shall be deemed, subject to a final legal determination of ownership, to have accepted the compensation and terms set forth herein at Paragraph 9.2 in satisfaction in full for the right, interests, and claims of such person in and to the Gas produced from the Subject Formation underlying Subject Lands.
- to make an election elects to participating Person: In the event a person entitled to make an election elects to participate under Paragraph 9.1, but fails or refuses to pay, to secure the payment or to make an arrangement with the Operator for the payment of such person's proportionate part of the Allocable, Completed-for-Production Panel Costs as set forth herein, within the time and in the manner as prescribed in this Order, then person shall be deemed to have withdrawn his election to participate and shall be deemed to have elected to accept as satisfaction in full for such person's right, interest, and claims in and to the Gas in Subject Formation in the Subject Drilling Unit the consideration provided in Paragraph 9.2 above for which his interest qualifies depending on the excess burdens attached to such interest. Whereupon, any cash bonus consideration due as a result of deemed election shall be tendered, paid or escrowed by Unit Operator within sixty (60) days after the last day on which such defaulting person under this Order should have paid his proportionate part of such cost or should have satisfactory arrangements for the payment thereof. When such cash bonus

consideration is paid or escrowed, it shall be satisfaction in full for the right, interests, and claims of such person in and to the Gas in Subject Formation underlying Subject Drilling Unit in the Subject Lands covered hereby, except, however, for any royalties which would become due pursuant to Paragraph 9.2 hereof.

- 12. Assignment of Interest: In the event a person entitled to make an election is unable to reach a voluntary agreement to share in the development and operation of the wells contemplated by this Order at a rate of payment agreed to mutually by said Owner or Claimant and the Applicant or Operator, and such person elects or fails to elect to do other than participate under Paragraph 9.1 above in the development and operation of Subject Formations in Subject Drilling Unit, then subject to a final legal determination of ownership, such person shall be deemed to have and shall have assigned unto Applicant such person's right, interests, and claims in and to any well, in Subject Formation in Subject Drilling Unit, and/or outside Subject Drilling Unit but from which production is allocated to Subject Drilling Unit, and other share in production to which such person may be entitled by reason of any election or deemed election hereunder in accordance with the provisions of this Order governing said election.
- 13. Unit Operator (or Operator): Consol Energy Inc., be and hereby is designated as Unit Operator authorized to drill and operate the coal bed methane wells in Subject Formation in Subject Drilling Unit, all subject to the permit provisions contained in Va. Code §§ 45.1-361.27 et seq.; §§ 4 VAC 25-150 et seq., Gas and Oil Regulations; §§ 4 VAC 25-160 et seq., Virginia Gas and Oil Board Regulations; the Oakwood Coalbed Gas Field I Order OGCB 3-90 and the Oakwood Coalbed Methane Gas Field II Order VGOB 91-1119-0162, all as amended from time to time, and all elections required by this Order shall be communicated to Unit Operator in writing at the address shown below:

Consol Energy Inc.
P. O. Box 947
Bluefield, VA 24605
Phone: (540) 988-1016
Fax: (540) 988-1055
Attn: Leslie K. Arrington

14. Commencement of Operations: Unit Operator has heretofore drilled the Well within the Subject Drilling Unit and/or the well(s) outside the Subject Drilling Unit but from which production is allocated to the Subject Drilling Unit, and the Unit Operator shall prosecute operation of same with due diligence. This Order shall terminate, except for any cash sums then payable hereunder; otherwise, unless sooner terminated by Order of the Board at 12:00 P.M. on the date on which the well covered by this Order and/or all wells from which production is allocated to the Subject Drilling Unit are permanently abandoned and plugged.

The Unit Operator shall file with the Board notice of the date on which any longwall panel under Subject Drilling Unit becomes isolated by the driving of entries thereby resulting in a change in the method of calculating production and revenue and the allocation of allowable costs from that provided in the Oakwood I Field Rules.

15. Operator's Lien: Unit Operator, in addition to the other rights afforded hereunder, shall have a lien and a right of set off on the Gas estates, rights, and interests owned by any person subject hereto who elects to participate under Paragraph 9.1 in the Subject Drilling Unit to the extent that costs incurred in the drilling or operation on the Subject Drilling Unit are chargeable against such person's interest. Such liens and right of set off shall be separable as to each separate person and shall remain liens until the Unit Operator drilling or operating any well covered hereby has been paid the full amounts due under the terms of this Order.

16. Escrow Provisions:

The Unit Operator has represented to the Board that there are no unknown or unlocatable owners/claimants whose entitlements are subject to the requirements of Paragraph 16.1 below; but that there are conflicting owners/claimants in whose entitlements are subject to the requirements of Paragraph 16.2 below. Therefore, the Escrow Agent named herein or any successor named by the Board shall establish an interest-bearing escrow account for Tracts 2, 2A, 2B, 2C, 2D, 2E, 2F, 3 and 5A of Subject Drilling Unit (herein "the Escrow Account") and shall receive and account to the Board pursuant to its agreement for the escrowed funds hereafter described in Paragraph 16.2:

First Union National Bank
Corporate Trust PA1328
123 South Broad Street
Philadelphia, PA 19109-1199
Telephone: (215) 985-3485 or (800) 665-9359
Attention: Corporate Trust Don Ballinghoff

- 16.1. Escrow Provisions For Unknown or Unlocatable Persons: payment of bonus, royalty payment or other payment due and owing under this Order cannot be made because the person entitled thereto cannot be located or is unknown, then such cash bonus, royalty payment, or other payment shall not be commingled with any funds of the Unit Operator and shall, pursuant to Va. Code Ann. > 45.1-361.21.D, be deposited by the Operator into the Escrow Account, commencing within one hundred twenty (120) days of recording of this Order, and continuing thereafter on a monthly basis with each deposit to be made, by use of a report format approved by the Inspector, by a date which is no later than sixty (60) days after the last day of the month being reported and/or for which funds are being deposited. Such funds shall be held for the exclusive use of, and sole benefit of the person entitled thereto until such funds can be paid to such person(s) or until the Escrow Agent relinquishes such funds as required by law or pursuant to Order of the Board in accordance with Va. Code Ann. > 45.1-361.21.D.
- 16.2 Escrow Provisions For Conflicting Claimants: If any payment of bonus, royalty payment of other payment due and owing under this Order cannot be made because the person entitled thereto cannot be made certain due to conflicting claims of ownership and/or a defect or cloud on the title, then such cash bonus, royalty payment or other payment, together with Participating Operator's Proportionate Costs paid to Operator pursuant to Paragraph 9.1 hereof, if any, (1) shall not be commingled with any funds of the Unit Operator; and (2) shall, pursuant to Va. Code Ann 39

45.1-361.22.A.2, 45.1-361.22.A.3 and 45.1-361.22.A.4, be deposited by the Operator into the Escrow Account within one hundred twenty (120) days of recording of this Order, and continuing thereafter on a monthly basis with each deposit to be made, by use of a report format approved by the Inspector, by a date which is no later than sixty (60) days after the last day of the month being reported and/or for which funds are subject to deposit. Such funds shall be held for the exclusive use of, and sole benefit of, the person entitled thereto until such funds can be paid to such person(s) or until the Escrow Agent relinquishes such funds as required by law or pursuant to Order of the Board.

- 17. Special Findings: The Board specifically and specially finds:
- 17.1 Applicant is a Virginia general partnership comprised of Appalachian Operators, Inc., and Appalachian Methane, Inc., are indirect wholly owned subsidiaries of Consol Energy Inc. Applicant is duly authorized and qualified to transact business in the Commonwealth of Virginia;
- 17.2 Consol Energy Inc. has accepted Applicant's delegation of authority to explore, develop and maintain the properties and assets of Applicant now owned or hereafter acquired, has agreed to explore, develop and maintain the properties and assets of Applicant, and has consented to serve as Coalbed Methane Gas Unit Operator for Subject Drilling Unit and to faithfully discharge the duties imposed upon it as Unit Operator by statute and regulation,
- 17.3 Consol Energy Inc. is a Delaware corporation duly authorized to transact business in the Commonwealth of Virginia and is an operator in the Commonwealth of Virginia and has satisfied the Board's requirements for operations in Virginia;
- 17.4 Applicant, Buchanan Production Company, claims ownership of gas leases, Coalbed Methane Gas leases, and/or coal leases representing 74.7093 percent of the oil and gas interests/claims to Coalbed Methane Gas and 99.7293 percent of the coal interests/claims to Coalbed Methane Gas in Subject Drilling Unit, and Applicant claims the right to explore for, develop and produce Coalbed Methane Gas from Subject Formations in Oakwood Unit Number W-19/W-19B in Buchanan County, Virginia, which Subject Lands are more particularly described in Exhibit "A";
- 17.5 Subject Drilling Unit is located in the VP-6 Mine's Dev 2 and Dev 3 Longwall Panels as reflected on the mine plan attached hereto as Exhibit G;
- 17.6 The estimated total production from Subject Drilling Unit is 125 to 550 MMCF. The estimated amount of reserves from the Subject Drilling Unit is 125 to 550 MMCF;
- 17.7 Set forth in Exhibit B-3 is the name and last known address of each Owner or Claimant identified by the Applicant as having or claiming an interest in the Coalbed ethane Gas in Subject Formation in Subject Drilling Unit underlying and comprised of Subject Lands, who has not, in writing, leased to the Applicant or the Unit Operator or agreed to voluntarily pool his interests in Subject Drilling Unit for its development. The interests of the

Respondents listed in Exhibit B-3 comprise 25.2907 percent of the oil and gas interests/claims to Coalbed Methane Gas, 25.2907 percent of the coal interests/claims to Coalbed Methane Gas in Subject Drilling Unit;

- 17.8 Applicant's evidence established that the fair, reasonable and equitable compensation to be paid to any person in lieu of the right to participate in any well covered hereby are those options provided in Paragraph 9 above;
- The relief requested and granted is just and reasonable, is supported by substantial evidence and will afford each person listed and named in Exhibit B-3 hereto the opportunity to recover or receive, without unnecessary expense, such person's just fair share of the production from Subject Drilling Unit. The granting of the Application and relief requested therein will ensure to the extent possible the greatest ultimate recovery of coalbed methane gas, prevent or assist in preventing the various types of waste prohibited by statute and protect or assist in protecting the correlative rights of all persons in the subject common sources of supply in the Subject Lands. Therefore, the Board is entering an Order granting the relief herein set forth.
- 18. Mailing Of Order And Filing Of Affidavit: Applicant or its Attorney shall file an affidavit with the Secretary of the Board within sixty (60) days after the date of recording of this Order stating that a true and correct copy of said Order was mailed within seven (7) days from the date of its receipt to each unleased Respondent named in Exhibit B-3 pooled by Order and whose address is known.
- 19. Availability of Unit Records: The Director shall provide persons not subject to a lease with reasonable access to all records Subject Drilling Unit which are submitted by the Unit Operator to Director and/or his Inspector(s).
- 20. <u>Conclusion</u>: Therefore, the requested relief and all terms and provisions set forth above be and hereby are granted and IT IS SO ORDERED.
- 21. Appeals: Appeals of this Order are governed by the provisions of Va. Code Ann. § 45.1-361.9 which provides that any order or decision of the Board may be appealed to the appropriate circuit court. Such appeals must be taken in the manner prescribed in the Administrative Process Act, Va. Code Ann. § 9-6.14:1 et seq. and Rule 2A of the Rules of the Virginia Supreme Court.
- 22. Effective Date: This Order shall be effective on September 22, 1999.

DONE AND EXECUTED this 26 day of March, 2002, by a majority of the Virginia Gas and Oil Board.

Chairman, Benry R. Wampler

DONE AND PERFORMED this 37 day of March, 2002, by Order of this Board.

B. R. Wilson

Acting Principal Executive To The Staff

Virginia Gas and Oil Board

STATE OF VIRGINIA COUNTY OF WISE

Acknowledged on this Zlott day of March, 2002, personally before me a notary public in and for the Commonwealth of Virginia, appeared Benny Wampler, being duly sworn did depose and say that he is Chairman of the Virginia Gas and Oil Board, that he executed the same and was authorized to do so.

Susan G. Garrett Notary Public

My commission expires July 31, 2002

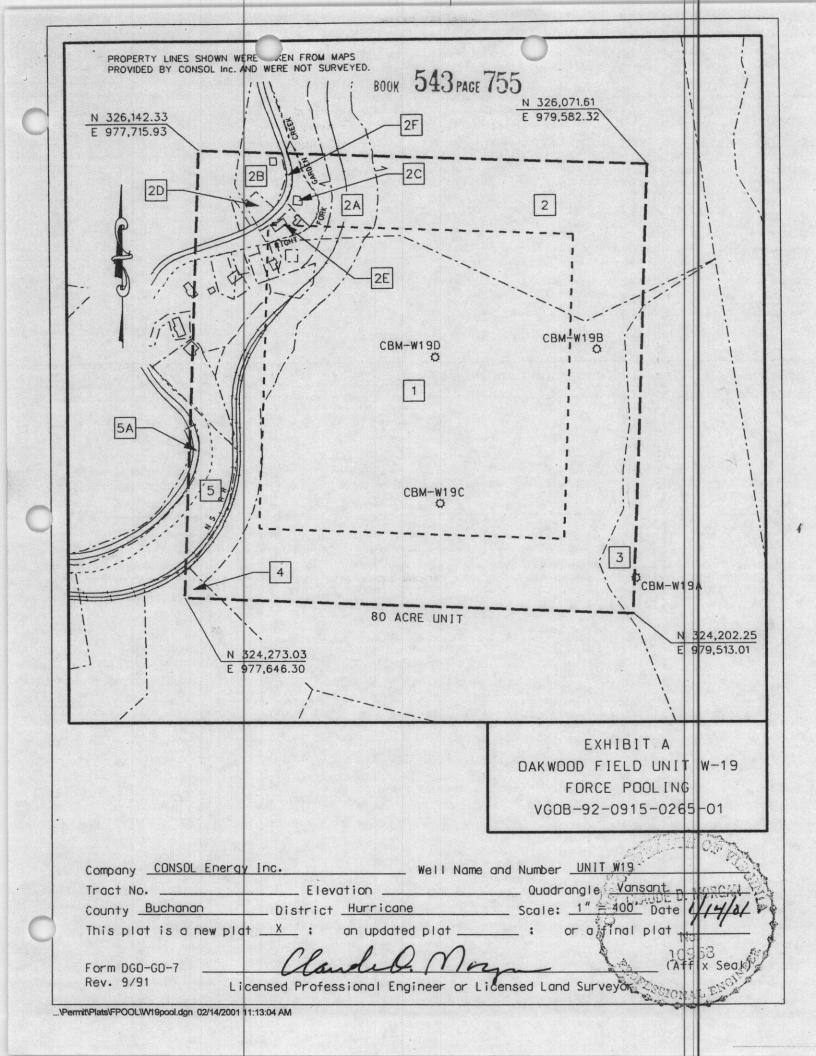
STATE OF VIRGINIA COUNTY OF WASHINGTON

Acknowledged on this 20 day of March, 2002, personally before me a notary public in and for the Commonwealth of Virginia, appeared B. R. Wilson, being duly sworn did depose and say that he is Acting Principal Executive to the Staff of the Virginia Gas and Oil Board, that he executed the same and was authorized to do so.

Diane J. Davis/ Notary Public

My commission expires July 31, 2005

Order Recorded Under Code of Virginia Section 45.1-361.26



BUCHANAN PRODUCTION COMPANY

UNIT W-19
Tract Identifications

- Yukon Pocahontas Coal Co., et al Tr. 9, Coal, Oil & Gas Island Creek Coal Company - Coal Below Tiller Jewell Smokeless - Coal above drainage Buchanan Production Company - CBM Lessee 57.06 acres 71.32500%
- Landon Wyatt, et al Big Axe Tr. 32, Coal Island Creek Coal Company - Coal Below Tiller Jewell Smokeless - Coal above drainage Buchanan Production Company - CBM Lessee Dianna Graham - Oil & Gas 14.06 acres 17.57500%
- 2A. Landon Wyatt, et al Big Axe Tr. 32, Coal Island Creek Coal Company Coal Below Tiller Jewell Smokeless Coal above drainage Buchanan Production Company CBM Lessee Norfolk Southern Corp. Oil & Gas 1.73 acres 2.16250%
- 2B. Landon Wyatt, et al Big Axe Tr. 32, Coal Island Creek Coal Company Coal Below Tiller Jewell Smokeless Coal above drainage Buchanan Production Company CBM Lessee John P. Ratliff Heirs Oil & Gas 0.97 acres 1.21250%
- 2C. Landon Wyatt, et al Big Axe Tr. 32, Coal Island Creek Coal Company Coal Below Tiller Jewell Smokeless Coal above drainage Buchanan Production Company CBM Lessee Virgil Lee Hess Oil & Gas 0.96 acres 1.20000%
- 2D. Landon Wyatt, et al Big Axe Tr. 32, Coal Island Creek Coal Company Coal Below Tiller Jewell Smokeless Coal above drainage Buchanan Production Company CBM Lessee Pauline Ratliff Brown Oil & Gas 0.23 acres .28750%
- 2E. Landon Wyatt, et al Big Axe Tr. 32, Coal Island Creek Coal Company Coal Below Tiller Jewell Smokeless Coal above drainage Buchanan Production Company CBM Lessee Connie Hess Street Oil & Gas 0.29 acres .36250%

BUCHANAN PRODUCTION COMPANY UNIT W-19

Tract Identifications

- 2F. Landon Wyatt, et al Big Axe Tr. 32, Coal Island Creek Coal Company Coal Below Tiller Jewell Smokeless Coal above drainage Buchanan Production Company CBM Lessee VDOT Oil & Gas 0.04 acres .05000%
- 3. T. R. Mullins, et al Tr. 1, Coal Island Creek Coal Company Coal Below Tiller Permac Inc. Coal above drainage Buchanan Production Company 1/9 CBM Lessee Buchanan Production Company 1/5 Oil & Gas Lessee Gaston Cook Heirs Oil & Gas 2.48 acres 3.10000%
- 4. Pobst McGuire Tr. 4, Coal, Oil & Gas Island Creek Coal Company Coal Below Tiller Jewell Smokeless Coal above drainage Permac Inc. Coal above drainage Buchanan Production Company Oil & Gas Lessee Buchanan Production Company CBM Lessee 0.85 acres 1.06250%
- 5. J. P. McGlothlin Heirs, Coal, Oil & Gas Island Creek Coal Company - Coal Below Tiller Jewell Smokeless - Coal above drainage Buchanan Production Company - Oil & Gas Lessee Buchanan Production Company - CBM Lessee 1.26 acres 1.57500%
- 5A. VDOT Coal, Oil & Gas Island Creek Coal Company - (Owner P-3 Seam) 0.07 acres .08750%

Exhibit B-2 Oakwood Field Unit W-19 Docket No. VGOB-92-0915-0265-01 List Respondents to be Dismissed

생물이 어려움을 통하는데 내용이 한 번째 생물이 하는데 하는데 하는데 하는데 하는데 하는데 하나 나를 하는데	rist Keshoune	ing to be Disillissed			
	Net Acres in Unit	Intere Ur		Division of 3 East Dev. 31.946%	Reason for Dismissal
OIL & GAS FEE OWNERSHIP					
Tract #5 - 1.26 acres					
(1) J.P. McGlothlin Heirs, Devisees, Successors or Assigns					
Julie C. McCoy Heirs, Devisees, Successors or Assigns	0.0230 a	cres 0.0	0.01148%	0.00918%	
(r) Pamela & Tommy Jones (same as Pamela Damell) 8131 E. 1st Avenue Mesa, AZ 85208	0.0115 a 7/768 d	cres 0.0 of 1.26 acres	0.00573%	6 0.00459%	Leased
(s) Carol & Sparky Barnett 8131 E. 1st Avenue Mesa, AZ 85208	0.0115 a 7/768 d	cres 0.0	0.00573%	0.00459%	Leased

Exhibit B-3 Oakwood Field Unit W-19 Docket No. VGOB 92-0915-0265-01 List of Unleased Owners/Claimants

)			Net Acres in Unit	Interest in Unit	Division of 2 East Dev. 39.931%	Division of 3 East Dev. 31.946%
i.	COAL	FEE OWNERSHIP				
	Tract #	‡5A - 0.07 acres				
	/(1)	Virginia Department of Transportation P.O. Box 1768 Bristol, VA 24203	0.07 acres	0.08750%	0.03494%	0.02795%
11.	OIL &	GAS FEE OWNERSHIP				
	Tract #	#2 - 14.06 acres				
	(1)	Dianna Graham P. O. Box 255 Aylett, VA 23009	14.06 acres	17.57500%	7.01787%	5.61451%
	Tract #	#2 A - 1.73 acres				
	(1)	Norfolk Southern Corporation 185 Spring Street Atlanta, GA 30303	1.73 acres	2.16250%	0.86351%	0.69083%
	Tract #	#2 B - 0.97 acres				
	(1)	John P. Ratliff Heirs, Devisees Successors or Assigns Rt. 2, Box 60 Oakwood, VA 24631	0.97 acres	1.21250%	0.48416%	0.38735%
		Names of heirs unknown				
		#2 C - 0.96 acres				
	(1)	Virgil Lee Hess Rt. 2, Box 83 Oakwood, VA 24631	0.96 acres	1.20000%	0.47917%	0.38335%
1	Tract #	#2 D - 0.23 acres				
	(1)	Pauline Ratliff Brown Rt. 2, Box 45 Oakwood, VA 24631	0.23 acres	0.28750%	0.11480%	0.09184%
	Tract #	#2 E - 0.29 acres				
. ~	(1)	Connie Hess Street Rt. 2, Box 73 Oakwood, VA 24631	0.29 acres	0.36250%	0.14475%	0.11580%
	Tract #	#2 F - 0.04 acres			.es	
· ·	(1)	Virginina Department of Transportation P.O. Box 1768 Bristol, VA 24203	0.04 acres	0.05000%	0.01997%	0.01597%

Exhibit B-3 Oakwood Field Unit W-19 Docket No. VGOB 92-0915-0265-01 List of Unleased Owners/Claimants

		Net Acres	s/Ciaimants	Interest in Unit	Division of 2 East Dev. 39.931%	Division of 3 East Dev. 31.946%
Tract #3	3 - 2.48 acres					
(1)	Gaston Cook Heirs, Devisees, Successors or Assigns	2.48	acres	3.10000%	1.23786%	0.99033%
(a)	Mary Ann Bartram 1539 Nicolay Way Baltimore, MD 21201		acres of 2.48 acres	0.31000%	0.12379%	0.09903%
(c)	Harold V. Cook P.O. Box 305 Oakwood, VA 24631		acres of 2.48 acres	0.31000%	0.12379%	0.09903%
(d)	Leslie K. Cook 2733 North Crede Avenue Crystal River, FL 32629		acres of 2.48 acres	0.31000%	0.12379%	0.09903%
(g)	Nancy C. Duty P.O. Box 816 Grundy, VA 24614		acres of 2.48 acres	0.31000%	0.12379%	0.09903%
(h)	Lawonne C. Gibson 2117 Old York Road York, SC 29745	BELLEVICE CONTRACTOR OF STREET STREET,	acres of 2.48 acres	0.31000%	0.12379%	0.09903%
(1)	Kathy Diane Webb P.O. Box 262 Doran, VA 24612		acres of 2.48 acres	0.31000%	0.12379%	0.09903%
. 0)	Francis C. Hinchee 14411 North Fairview Lane Woodbridge, VA 22191		acres of 2.48 acres	0.31000%	0.12379%	0.09903%
(k)	Hazel C. Hart 1384 Longview Drive Apt. 5 Woodbridge, VA 22191	(conflicting or	wner unknown in	iterest)		
Tract #	5 - 1.26 acres					
(1)	J.P. McGlothlin Heirs, Devisees, Successors or Assigns	1.26	acres	1.57500%	0.62891%	0.50315%
(h)	Carol Jean McGlothlin 39 McGlothlin Road Conowingo, MD 21918	0.0306 7/288	acres of 1.26 acres	0.03828%	0.01529%	0.01223%
(1)	Allen Neil McGlothlin 39 McGlothlin Road Conowingo, MD 21918	0.0077 7/1152	acres of 1.26 acres	0.00957%	0.00382%	0.00306%
0)	Debra Susan McGlothlin 22 Thruway Drive Colora, MD 21917	0.0077 7/1152	acres of 1.26 acres	0.00957%	0.00382%	0.00306%
(n)	Kenneth S. McGlothlin 1759 25th Avenue Vero Beach, FL 32960	0.0306 7/288	acres of 1.26 acres	0.03828%	0.01529%	0.01223%
		Page 2 of	3			2/15/01

Exhibit B-3 Oakwood Field Unit W-19 Docket No. VGOB 92-0915-0265-01 List of Unleased Owners/Claimants

	Net Acres in Unit	Interest in 2 East	st Dev. 3 East Dev. 31.946%
Tract #5A - 0.07 acres (1) Virginia Department of Trans P.O. Box 1768 Bristol, VA 24203	sportation 0.07 acres	0.08750% 0.	03494% 0.02795%

Exhibit B-4 Oakwood Field Unit W-19 Docket No. VGOB-92-0915-0265-01 List of Respondents to be Added

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2/16/01

		Net Acres in Unit	o be Added	Interest in Unit	Division of 2 East Dev. 39.931%	Division of 3 East Dev. 31.946%
1.	COAL FEE OWNERSHIP					
	TRACT #3 - 2.48 acres					
	(1) T.R. Mullins et al.	2.48	acres	3.10000%	1.23786%	0.99033%
	(1) Theodore A. Mullins Heirs, Devise Successors or Assigns	es,				
	(a) Theodore Blaine Mullins c/o Brenda Mullins 1550 Summitt Drive Charleston WV 25302		acres of 2.48 acres	0.34444%	0.13754%	0.11004%
	(b) Cornelia Maurice Mullins c/o Brenda Mullins 1550 Summitt Drive Charleston WV 25302		acres of 2.48 acres	0.34444%	0.13754%	0.11004%
	(c) Marilyn Mullins 11800 Herrick Lane Louisville KY 40243		acres of 2.48 acres	0.34444%	0.13754%	0.11004%
	(2) John L. & Lucille M. Mullins Sr. He Successors or Assigns	eirs, Devisees,				
	(a) George W. Mullins, Sr. 165 Muller Road Cottageville WV 25239		acres of 2.48 acres	0.25833%	0.10316%	0.08253%
	(b) Jo Ann Barker 1103 Wycliffe Place Dayton OH 45459		acres of 2.48 acres	0.25833%	0.10316%	0.08253%
	(c) John L. Mullins, Jr. Heirs, Devised Successors or Assigns	28,				
	(c.1) Stephanie Mulllins-Williams 824 Jordan Avenue Orlando, FL 32809		acres of 2.48 acres	0.06458%	0.02579%	0.02063%
	(c.2) John David Mullins 1411 Lineberger Avenue Gastonia, NC 28052		acres of 2.48 acres	0.06458%	0.02579%	0.02063%
	(c.3) Barndon Overton Mullins 1411 Lineberger Avenue Gastonia, NC 28052		acres of 2.48 acres	0.06458%	0.02579%	0.02063%
	(c.4) Heather M. Dawson-Bazzle 1411 Lineberger Avenue Gastonia, NC 28052		acres of 2.48 acres	0.06458%	0.02579%	0.02063%
	(d) Thomas L. Mullins Star Route 79B Poca, WV 25159		acres of 2.48 acres	0.25833%	0.10316%	0.08253%

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Exhibit B-4 Oakwood Field Unit W-19 Docket No. VGOB-92-0915-0265-01 List of Respondents to be Added

)		Net Acres in Unit		Interest in Unit	Division of 2 East Dev. 39.931%	Division of 3 East Dev. 31.946%
	(3) Augutus C. Mullins Heirs, Devisees, Successors or Assigns					
	(a) Madeline Hunt, widow PO Box 7305 Zephyrhills, FL 33543	0.83 1/3	acres of 2.48 acres	1.03333%	0.41262%	0.33011%
II.	OIL & GAS FEE OWNERSHIP					
	TRACT #2 E - 0.29 acres					
	(1) Connie Hess Street Rt. 2, Box 73 Oakwood, VA 24631	0.29	acres	0.36250%	0.14475%	0.11580%
	TRACT #3 - 2.48 acres					
	(1) Gaston Cook Heirs, Devisees, Successors or Assigns	2.48	acres	3.10000%	1.23786%	0.99033%
	(a) Mary Ann Bartram 1539 Nicolay Way Baltimore, MD 21201	0.248 1/10	acres of 2.48 acres	0.31000%	0.12379%	0.09903%
)	(b) Jean C. Cline 1373 Ironwood Street Woodbridge, VA 22191	0.248 1/10	acres of 2.48 acres	0.31000%	0.12379%	0.09903%
	(c) Harold V. Cook P.O. Box 305 Oakwood, VA 24631	0.248 1/10	acres of 2.48 acres	0.31000%	0.12379%	0.09903%
	(d) Leslie K. Cook 2733 North Crede Avenue Crystal River, FL 32629	0.248 a 1/10	acres of 2.48 acres	0.31000%	0.12379%	0.09903%
	(e) Mamie K. Cook 1373 Ironwood St. Woodbridge, VA 22191	0.248 a 1/10	acres of 2.48 acres	0.31000%	0.12379%	0.09903%
	(f) Robert B. Cook Box 21 Rowe, VA 24646	0.248 a 1/10	acres of 2.48 acres	0.31000%	0.12379%	0.09903%
	(g) Nancy C. Duty P.O. Box 816 Grundy, VA 24614	0.248 a 1/10	acres of 2.48 acres	0.31000%	0.12379%	0.09903%
	(h) Lawonne C. Gibson 2117 Old York Road York, SC 29745	0.248 a 1/10	acres of 2.48 acres	0.31000%	0.12379%	0.09903%
	(i) Kathy Diane Webb P.O. Box 262 Doran, VA 24612	0.248 a 1/10	acres of 2.48 acres	0.31000%	0.12379%	0.09903%
						NO SOLD BUILDING

Exhibit B-4 Oakwood Field Unit W-19 Docket No. VGOB-92-0915-0265-01 List of Respondents to be Added

Net Acres

in Unit

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Division of

2 East Dev.

39.931%

Division of

(j)	Francis C. Hinchee	
	14411 North Fairview	Lane
	Woodbridge, VA 2219	1

0.248 acres 1/10 of 2.48 acres 0.31000% 0.12379%

Interest in

Unit

0.09903%

East Dev.

31.946%

(k) Hazel C. Hart 1384 Longview Drive Apt. 5 Woodbridge, VA 22191

(conflicting owner unknown interest)

Exhibit E Oakwood Field Unit W-19

Docket No. VGOB-92-0915-0265-01
List of Conflicting Owners/Claimants that require escrow

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2/16/01

		Net Acres In Unit	Interest in Unit	Division of 2 East Dev. 39.931%	Division of 3 East Dev. 31.946%
TRACT #2 - 14.0	06 acres				
COAL	FEE OWNERSHIP				
(1)	Big Axe Land Co Tr 32 Landon Wyatt, et al P.O. Box 1566 Danville, VA 24543	14.06 acres	17.57500%	7.01787%	5.61451%
OIL &	GAS FEE OWNERSHIP				
(1)	Dianna Graham P. O. Box 255 Aylett, VA 23009	14.06 acres	17.57500%	7.01787%	5.61451%
TRACT #2 A- 1.	73 acres				
COAL	FEE OWNERSHIP				
(1)	Big Axe Land Co Tr 32 Landon Wyatt, et al P.O. Box 1566 Danville, VA 24543	1.73 acres	2.16250%	0.86351%	0.69083%
OIL &	GAS FEE OWNERSHIP				
(1)	Norfolk Southern Corp. 185 Spring Street Atlanta, GA 30303	1.73 acres	2.16250%	0.86351%	0.69083%
TRACT #2 B- 0.	97 acres				
COAL	FEE OWNERSHIP				
(1)	Big Axe Land Co Tr 32 Landon Wyatt, et al P.O. Box 1566 Danville, VA 24543	0.97 acres	1.21250%	0.48416%	0.38735%
OIL &	GAS FEE OWNERSHIP				
(1)	John P. Ratliff, Heirs Rt. 2, Box 60 Oakwood, VA 24631	0.97 acres	1.21250%	0.48416%	0.38735%
TRACT #2 C- 0.	96 acres				
COAL	FEE OWNERSHIP				
(1)	Big Axe Land Co Tr 32 Landon Wyatt, et al P.O. Box 1566 Danville, VA 24543	0.96 acres	1.20000%	0.47917%	0.38335%

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Exhibit E Oakwood Field Unit W-19 Docket No. VGOB-92-0915-0265-01 List of Conflicting Owners/Claimants that require escrow

		Net Acres in Unit	nus unat requi	Interest in Unit	Division of 2 East Dev. 39.931%	Division of 3 East Dev. 31.946%
OIL &	GAS FEE OWNERSHIP					
(1)	Virgil Lee Hess Rt. 2, Box 83 Oakwood, VA 24631	0.96	acres	1.20000%	0.47917%	0.38335%
TRACT #2 D- 0.	23 acres					
COAL	FEE OWNERSHIP					
(1)	Big Axe Land Co Tr 32 Landon Wyatt, et al P.O. Box 1566 Danville, VA 24543	0.23	acres	0.28750%	0.11480%	0.09184%
OIL 8	GAS FEE OWNERSHIP					
(1)	Pauline Ratliff Rt. 2, Box 45 Oakwood, VA 24631	0.23	acres	0.28750%	0.11480%	0.09184%
TRACT #2 E- 0.	29 acres					
COAL	FEE OWNERSHIP					
(1)	Big Axe Land Co Tr 32 Landon Wyatt, et al P.O. Box 1566 Danville, VA 24543	0.29	acres	0.36250%	0.14475%	0.11580%
OIL &	GAS FEE OWNERSHIP					
(1)	Connie Hess Street Rt. 2, Box 73 Oakwood, VA 24631	0.29	acres	0.36250%	0.14475%	0.11580%
TRACT #2 F- 0.	04 acres					
COAL	FEE OWNERSHIP					
(1)	Big Axe Land Co Tr 32 Landon Wyatt, et al P.O. Box 1566 Danville, VA 24543	0.04	acres	0.05000%	0.01997%	0.01597%
OIL &	GAS FEE OWNERSHIP					
(1)	Virginia Department of Tran P.O. Box 1768 Bristol, VA 24203	sportation 0.04	acres	0.05000%	0.01997%	0.01597%

Exhibit E Oakwood Field Unit W-19 Docket No. VGOB-92-0915-0265-01 ist of Conflicting Owners/Claimants that require escre

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2/16/01

List of Conflicting Owners/Claimants that require escrow Division of Division of 2 East Dev. East Dev. Interest in **Net Acres** \$1.946% 39.931% Unit in Unit TRACT #3 - 2.48 acres COAL FEE OWNERSHIP 0.99033% 3.10000% 1.23786% 2.48 acres T.R. Mullins, et al. Theodore A. Mullins Heirs, Devisees, Successors or Assigns 0.11004% 0.34444% 0.13754% 0.28 acres (a) Theodore Blaine Mullins c/o Brenda Mullins 1/9 of 2.48 acres 1550 Summitt Drive Charleston WV 25302 0.34444% 0.13754% 0.11004% 0.28 acres (b) Cornelia Maurice Mullins 1/9 of 2.48 acres c/o Brenda Mullins 1550 Summitt Drive Charleston WV 25302 0.13754% 0.11004% 0.34444% 0.28 acres (c) Marilyn Mullins 1/9 of 2.48 acres 11800 Herrick Lane Louisville KY 40243 John L. & Lucille M. Mullins Sr. Heirs, Devisees, Successors or Assigns 0.08253% 0.10316% 0.21 acres 0.25833% (a) George W. Mullins, Sr. 1/12 of 2.48 acres 165 Muller Road Cottageville WV 25239 0.10316% 0.08253% (b) Jo Ann Barker 0.21 acres 0.25833% 1/12 of 2.48 acres 1103 Wycliffe Place Dayton OH 45459 (c) John L. Mullins, Jr. Heirs, Devisees, Successors or Assigns 0.02063% (c.1) Stephanie Mullins-Williams 0.02579% 0.05 acres 0.06458% 824 Jordan Avenue 1/48 of 2.48 acres Orlando, FL 32809 0.02579% 0.02063% (c.2) John David Mullins 0.05 acres 0.06458% 1411 Lineberger Avenue 1/48 of 2.48 acres Gastonia, NC 28052 0.06458% 0.02579% 0.02063% (c.3) Barndon Overton Mullins 0.05 acres 1411 Lineberger Avenue 1/48 of 2.48 acres Gastonia, NC 28052 0.02579% 0.02063% (c.4) Heather M. Dawson-Bazzle 0.05 acres 0.06458% 1411 Lineberger Avenue 1/48 of 2.48 acres Gastonia, NC 28052 (d) Thomas L. Mullins 0.25833% 0.10316% 0.08253% 0.21 acres Star Route 79B 1/12 of 2.48 acres Poca, WV 25159

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Exhibit E Oakwood Field Unit W-19 Docket No. VGOB-92-0915-0265-01 List of Conflicting Owners/Claimants that require escrow

		Net Acres in Unit	Interest in Unit	Division of 2 East Dev. 39.931%	Division of 3 East Dev. 31.946%
(3)	Augutus C. Mullins Heirs, Devisees, Successors or Assigns				
(a)	Madeline Hunt, widow PO Box 7305 Zephyrhills, FL 33543	0.83 acres 1/3 of 2.48 acres	1.03333%	0.41262%	0.33011%
OIL &	GAS FEE OWNERSHIP				
(1)	Gaston Cook Heirs, Devisees, Successors or Assigns	2.48 acres	3.10000%	1.23786%	0.99033%
(a)	Mary Ann Bartram 1539 Nicolay Way Baltimore, MD 21201	0.248 acres 1/10 of 2.48 acres	0.31000%	0.12379%	0.09903%
(b)	Jean C. Cline 1373 Ironwood Street Woodbridge, VA 22191	0.248 acres 1/10 of 2.48 acres	0.31000%	0.12379%	0.09903%
(c)	Harold V. Cook P.O. Box 305 Oakwood, VA 24631	0.248 acres 1/10 of 2.48 acres	0.31000%	0.12379%	0.09903%
(d)	Leslie K. Cook 2733 North Crede Averue Crystal River, FL 32629	0.248 acres 1/10 of 2.48 acres	0.31000%	0.12379%	0.09903%
(e)	Mamie K. Cook 1373 Ironwood St. Woodbridge, VA 22191	0.248 acres 1/10 of 2.48 acres	0.31000%	0.12379%	0.09903%
(f)	Robert B. Cook Box 21 Rowe, VA 24646	0.248 acres 1/10 of 2.48 acres	0.31000%	0.12379%	0.09903%
(g)	Nancy C. Duty P.O. Box 816 Grundy, VA 24614	0.248 acres 1/10 of 2.48 acres	0.31000%	0.12379%	0.09903%
(h)	Lawonne C. Gibson 2117 Old York Road York, SC 29745	0.248 acres 1/10 of 2.48 acres	0.31000%	0.12379%	0.09903%
(1)	Kathy Diane Webb P.O. Box 262 Doran, VA 24612	0.248 acres 1/10 of 2.48 acres	0.31000%	0.12379%	0.09903%
0)	Francis C. Hinchee 14411 North Fairview Lane Woodbridge, VA 22191	0.248 acres 1/10 of 2.48 acres	0.31000%	0.12379%	0.09903%
(k)	Hazel C. Hart 1384 Longview Drive Apt. 5 Woodbridge, VA 22191	(conflicting owner unknown	interest)		

Exhibit E Oakwood Field Unit W-19

Docket No. VGOB-92-0915-0265-01
List of Conflicting Owners/Claimants that require escrow

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Division of Division of 3 East Dev. 31.946% 2 East Dev. **Net Acres** Interest in 39.931% in Unit Unit TRACT #5A - 0.07 acres COAL FEE OWNERSHIP 0.03494% 0.02795% 0.07 acres 0.08750% (1) Island Creek Coal Co. (P-3 Seam) Drawer L Oakwood, VA 24631 OIL & GAS FEE OWNERSHIP 0.02795% 0.08750% 0.03494% (1) Virginia Department of Transportation 0.07 acres P.O. Box 1768 Bristol, VA 24203

Virginia Gas and Oil Board Docket No. VGOB - 99-15-0265-01 Exhibit G Page VP6 Short Hole Production 543 PAGE 770

19 20 21 DEV. .923% 6.417% 6.250% 1.116% 33.254% 39.931% 6.330 5.326 6.047% √∨H ⊚ 6.388 38.891% 31.946% 6.387 VVH @ 6.325 VVH @ 6.329 ∨∨H ⊚ 6.300 6.047% VVH ⊚ 6.386 VVH @ 6.328 X 39.931% 31.946% 38.891% 33.254% 13.721% VVH @ 6.385 13.117% 15.968% 6.327 6.323

VIRGINIA: In the Clerk's Office of the Circuit Court of Buchanan County. The foregoing instrument was this day presented in the office aforesaid and is, together with the certificate of acknowledgment annexed, admitted to record this 12 day of day of , 20 Deed Book No. S James M. Bevins, Jr., Clerk Returned to: _ Deputy Clerk