

VIRGINIA:

BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT: EQUITABLE PRODUCTION COMPANY,) VIRGINIA GAS
) AND OIL BOARD
 RELIEF SOUGHT: POOLING OF INTERESTS IN A 58.77-)
 ACRE SQUARE DRILLING UNIT) DOCKET NO.
 DESCRIBED IN EXHIBIT A HERETO) 02-0917-1076
 LOCATED IN THE **NORA** COAL BED GAS)
 FIELD AND SERVED BY WELL NO.)
VC-502597 (herein "Subject Drilling)
 Unit") PURSUANT TO VA. CODE)
 §§ 45.1-361.21 AND 45.1-361.22,)
 FOR THE PRODUCTION OF OCCLUDED)
 NATURAL GAS PRODUCED FROM COALBEDS)
 AND ROCK STRATA ASSOCIATED)
 THEREWITH (herein "Coalbed Methane)
 Gas" or "Gas")
)
)

LEGAL DESCRIPTION:

SUBJECT DRILLING UNIT SERVED BY WELL NUMBERED)
VC-502597 (herein "Well") TO BE DRILLED IN)
 THE LOCATION DEPICTED ON EXHIBIT A HERETO,)
CLINCHFIELD COAL COMPANY TRACT T-408)
 DUTY QUADRANGLE)
ERVINTON MAGISTERIAL DISTRICT)
DICKENSON COUNTY, VIRGINIA)
 (the "Subject Lands" are more)
 particularly described on Exhibit)
 "A", attached hereto and made a)
 part hereof))

REPORT OF THE BOARDFINDINGS AND ORDER

1. 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 **October 15, 2002**, Southwest Higher Education Center, Campus of Virginia Highlands Community College, Abingdon, Virginia.

2. Appearances: James E. Kaiser of Wilhoit & Kaiser, appeared for the Applicant; and Sharon Pigeon, Assistant Attorney General, was present to advise the Board.

3. Jurisdiction and Notice: Pursuant to Va. Code §§45.1-361.1 et seq., the Board finds that it has jurisdiction over the subject matter. Based upon the evidence presented by Applicant, the Board also finds that the Applicant has (1) exercised due diligence in conducting a meaningful search of reasonably available sources to determine the identity and whereabouts of each gas and oil owner, coal owner, or mineral owner and/or potential owner, i.e., person identified by Applicant as having ("Owner") or claiming ("Claimant") the rights to Coalbed Methane Gas in all Pennsylvania-aged coals from the top of the Raven, including all splits to the top of the green and red shales including, but not limited to Jawbone, Greasy Creek, C-Seam, War Creek, Beckley, Lower Horsepen, X-Seam, Poco No. 6, Poco No. 5, Poco No. 3, and any

other unnamed coal seams, coalbeds and rock strata associated with the Nora Coalbed Gas Field (hereafter "Subject Formations") in the Subject Drilling Unit underlying and comprised of Subject Lands; (2) has given notice to those parties so identified (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 hereto have been identified by Applicant as persons who may be Owners or Claimants of Coalbed Methane Gas interests in Subject Formations in the Subject Drilling Unit, underlying and comprised of Subject Lands. 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: Ex. A, Ex. C and Ex. B

5. Dismissals: None.

6. Relief Requested: Applicant requests that pursuant to Va. Code § 45.1-361.22, including the applicable portions of § 45.1-361.21, the Board pool the rights, interests and estates in and to the Gas in the Subject Drilling Unit, including those of the Applicant and of the known and unknown persons named in Exhibit B 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 Formations 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, (3) that the Board designate Equitable Production Company as the Unit Operator.

7. Relief Granted: The requested relief in this cause be and hereby is granted and: (1) pursuant to Va. Code § 45.1-361.21.C.3, Equitable Production Company (hereafter "Unit Operator" or "Operator") is designated as the Unit Operator authorized to drill and operate the Well in Subject Drilling Unit, subject to the permit provisions contained in Va. Code § 45.1-361.27, et seq.; to §§ 4 VAC 25-150 et seq., Gas and Oil Regulations; to § 4 VAC 25-160 et seq., Virginia Gas and Oil Board Regulations and to the Nora Coal Bed Gas Field Rules established by the Oil and Gas Conservation Board's Order entered March 26, 1989; all as amended from time to time; and (2) all the interests and estates in and to the Gas in Subject Drilling Unit, including those of the Applicant and of the known and unknown persons listed on Exhibit B, attached hereto and made a part hereof, and their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, both immediate and remote, leased or unleased, be and hereby are pooled in the Subject Formations in the Subject Drilling Unit underlying and comprised of the Subject Lands.

<u>Subject Formation</u>	<u>Unit Size</u>	<u>Permitted Well Location</u>	<u>Field and Well Classification</u>	<u>Order Number</u>
All Pennsylvanian aged coals from the top of the Raven including not limited to Jawbone, Greasy Creek, C-Seam, War Creek, Beckley, Lower Horsepen, X-Seam, Poco No. 6, Poco No. 5, Poco No. 3, and any other unnamed coal seams & other associated formations known as the Nora Coalbed Gas Field.	Approximately 58.77-acre, square drilling unit.	Well VC-502597 (herein "Well") to be located as depicted on Exhibit A Depth: Approximately 2,487 feet	Nora Coal Bed Gas Field	OGCB Order for the Nora Coal Bed Gas Field entered March 26, 1989, as amended.

For the Subject Drilling Unit
underlying and comprised of the Subject
Land Served by Well No. VC-502597

Dickenson County, Virginia

8. Election and Election Period: In the event any Gas Owner or Claimant named in Exhibit B has not reached a voluntary agreement to share in the operation of the Well to be located in Subject Drilling Unit at a rate of payment mutually agreed to by said Gas Owner or Claimant and the Unit Operator, then such person 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 herein to the 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 Unit Operator at the address shown below or has duly postmarked and placed his written election in first class United States mail, postage prepaid, addressed to the Unit Operator at the address shown below.

9. Election Options:

9.1 Option 1 - To Participate In The Development and Operation of the Drilling Unit: Any Gas Owner or Claimant named in Exhibit B who has not reached a voluntary agreement with the Unit Operator may elect to participate in the Well development and operation in 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, 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 4 VAC 25-160-100 (herein "Completed for Production Costs"). Further, a Participating Operator agrees to pay the estimate of such Participating Operator's proportionate part of the Estimated, Completed-for-Production 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 estimated Completed-for-Production Costs for the Subject Drilling Unit are as follows:

Estimated, Completed-for-Production Costs (Multiple Completion):

\$219,708.00

A Participating Operator's proportionate cost hereunder shall be the result obtained by multiplying the Participating Operator's "Interest within Unit" as set forth in the fourth column of Exhibit B times the Estimated Completed-for-Production 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 Estimated, Completed-for-Production 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 Well development and operation in Subject Drilling Unit under Paragraph 9.1 above, any Gas Owner or Claimant named in Exhibit B hereto who has not reached a voluntary agreement with the Unit Operator may elect to accept a cash bonus consideration of \$5.00 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 Gas produced from any Well development and operation covered by this Order multiplied by that person's Interest Within Unit as set forth in the fourth column of Exhibit B [for purposes of this Order, net proceeds shall be actual proceeds received less post-production costs incurred downstream of the wellhead, including, but not limited to, 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 one hundred twenty (120) 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 due, shall be tendered, paid or escrowed within sixty (60) days of said anniversary date. Once the initial cash bonus and the annual cash bonuses, if any, are so paid or escrowed, 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 Unit Operator.

- 9.3. 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 Well 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 Gas Owner or Claimant named in Exhibit B who has not reached a voluntary agreement with the Unit Operator may elect to share in the well development and operation in Subject Drilling Unit on a carried basis (as a "Carried Well Operator") so that the proportionate part of the Completed-for-Production 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 Drilling Unit shall be deemed and hereby are assigned to the Unit Operator 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 Completed-for-Production Costs allocable to the interest of such Carried Well Operator. When the Unit Operator recoups and recovers from such Carried Well Operator's assigned interest the amounts provided for above, then, 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 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 and operation.

The election made under this Paragraph 9.3, 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 have and hereby does assign his right, interests, and claims in and to the Gas produced from Subject Formation in the Subject Drilling Unit to the Unit Operator for the period of time during which his interest is carried as above provided prior to its reversion back to such electing person.

10. Failure to Properly Elect: In the event any Gas Owner or Claimant named in Exhibit B hereto has not reached a voluntary agreement with the Unit 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 Well development and operation in Subject Drilling Unit and shall be deemed, subject to any final legal determination of ownership, to have elected to accept as satisfaction in full for such person's right, interests, and claims in and to the Gas 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 Subject Drilling Unit to the Unit Operator. Persons who fail to properly elect shall be deemed 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 Subject Formation underlying Subject Lands.

11. Default By Participating Person: In the event a person named in Exhibit B elects to participate under Paragraph 9.1, but fails or refuses to pay, to secure the payment or to make an arrangement with the Unit Operator for the payment of such person's proportionate part of the Estimated, Completed-for-Production costs as set forth herein, all within the time and in the manner as prescribed in this Order, then such 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, interests, and claims in and to the Gas 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 such deemed election shall be tendered, paid or escrowed by Unit Operator within one hundred twenty (120) 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 made 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 underlying Subject Drilling Unit in the Subject Lands covered hereby, except, however, for any 1/8th royalties which would become due pursuant to Paragraph 9.2 hereof.

12. Assignment of Interest: In the event a person named in Exhibit B is unable to reach a voluntary agreement to share in the Well development and operation in Subject Drilling Unit at a rate of payment agreed to mutually by said Gas Owner or Claimant and the Unit Operator, and said person elects or fails to elect to do other than participate under Paragraph 9.1 above in the Well development and operation in Subject Drilling Unit, then such person shall be deemed to have and shall have assigned unto Unit Operator such person's right, interests, and claims in and to said Well, in Subject Formations in Subject Drilling Unit, and other share in and to Gas 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 elections.

13. Unit Operator (or Operator): Equitable Production Company be and hereby is designated as Unit Operator authorized to drill and operate Well No. VC-502597 in Subject Formations 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; Oil and Gas Conservation Board ("OGCB") Order

establishing the Nora Coal Bed Gas Field Rules entered March 26, 1989; 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:

Equitable Production Company
1710 Pennsylvania Avenue
Charleston, WV 25328
Phone: (304) 348-3800
Fax: (304) 344-0363
Attn: Melanie Freeman

14. Commencement of Operations: Unit Operator shall commence or cause to commence operations for the drilling of the Well within Subject Drilling Unit within seven hundred thirty (730) days from the date of this Order, and shall prosecute the same with due diligence. If the Unit Operator shall not have so commenced and/or prosecuted, then this order shall terminate, except for any cash sums then payable hereunder; otherwise, unless sooner terminated by Order of the Board, this Order shall expire at 12:00 p.m. on the date on which the well covered by this Order is permanently abandoned and plugged.

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 a charge 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 the Well has been paid the full amounts due under the terms of this Order.

16. Escrow Provisions:

16.1 Escrow Account: The Unit Operator has represented to the Board, as reflected in Exhibit B hereto, that: (1) there are no unknown and/or unlocatable Owners/Claimants within the Subject Drilling Unit whose entitlements are subject to the escrow provisions of Paragraph 16.2 below, and that (2) there are conflicting Owners/Claimants in Subject Drilling Unit whose entitlements are subject to the escrow requirements of Paragraph 16.3 below. Therefore, by this Order, the Board instructs the Escrow Agent named herein or any successor named by the Board to establish an interest-bearing escrow account, with subaccounts for **Tract 3** of Subject Drilling Unit (herein "the Escrow Account"), to receive and account to the Board pursuant to its agreement for the escrowed funds described in Paragraph 16.2 below for production from Well **VC-502597**:

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

16.2. Escrow Provisions For Unknown or Unlocatable Persons: If any payment of bonus, royalty payment or other payment due and owing pursuant to Va. Code §§ 45.1-361.21 or 45.1-361.22 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 § 45.1-361.21.D, said sums shall 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 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 in accordance with Va. Code § 45.1-361.21.D.

16.3. Escrow Provisions for Conflicting Claimants: If any payment of bonus, royalty payment or other payment due and owing pursuant to Va. Code § 45.1-361.22 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, proceeds in excess of ongoing operational expenses, or other payment, together with Participating Operator's Proportionate Costs paid to Operator pursuant to Paragraph 9.1, if any, (1) shall not be commingled with any funds of the Unit Operator; and (2) shall, pursuant to Va. Code §§ 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, commencing within one hundred twenty (120) days of the 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 each 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 West Virginia corporation, duly authorized and qualified to transact business in the Commonwealth of Virginia;
 - 17.2 Applicant claims ownership of oil and gas and coalbed methane gas leasehold estates representing 97.74 percent of the gas estate, and 100.00 percent of the coal estate with the Subject Drilling Unit;
 - 17.3 Applicant is an operator in the Commonwealth of Virginia and has satisfied the Board's requirements for operations in Virginia;
 - 17.4 Applicant proposes to drill one (1) well, Well No. VC-502597, to a depth of 2,487 feet, on the Subject Drilling Unit to develop the Gas in Subject Formations;
 - 17.5 Set forth in Exhibit B is the name and last know address of each person identified by the Applicant as having or claiming an interest in the Coalbed Methane Gas in the Subject Drilling Unit underlying and comprised of Subject Lands, including those Gas Owners or Claimants within Tract 3 who have not in writing, leased to the Applicant or agreed to voluntarily pool their Gas interest in Subject Drilling Unit for its development. The Gas Owners or

Claimants within **Tract 3** of Subject Drilling Unit who have not reached a voluntary agreement to share in the operation of the well represent 2.26 percent of the gas and oil estate and 0.00 percent of the coal estate in Subject Drilling Unit;

- 17.6 The estimated production over the life of the proposed well is 300 million cubic feet;
- 17.7 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;
- 17.8 The relief requested and granted is just and reasonable, is supported by substantial evidence and will afford each person in the Subject Drilling Unit the opportunity to recover or receive, without unnecessary expense, each person's just and fair share of the production of the Gas from Subject Drilling Unit. The granting of the Application and relief requested therein will ensure to the extent possible the greatest ultimate recovery of 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 receipt of this Order stating that a true and correct copy of said Order was mailed within seven (7) days from the date of receipt of this Order to each person pooled by this Order whose address is known.

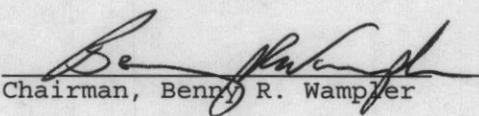
19. Availability of Unit Records: The Director shall provide all persons not subject to a lease with reasonable access to all records for Subject Drilling Unit which are submitted by the Unit Operator to said Director and/or his Inspector(s).

20. Conclusion: Therefore, the requested relief and all terms and provisions set forth above be and hereby are granted and IT IS SO ORDERED.

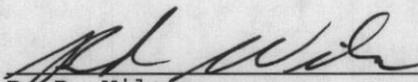
21. Appeals: Appeals of this Order are governed by the provisions of Va. Code § 45.1-361.9 which provides that any order or decision of the Board may be appealed to the appropriate circuit court.

22. Effective Date: This Order shall be effective on the date of its execution.

DONE AND EXECUTED this 21st day of May, 2003, by a majority of the Virginia Gas and Oil Board.

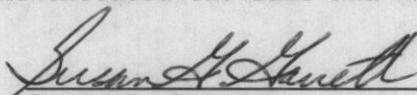

Chairman, Benny R. Wampler

DONE AND PERFORMED this 29th day of May, 2003, by Order of this Board.


B. R. Wilson
Principal Executive To The Staff
Virginia Gas and Oil Board

STATE OF VIRGINIA)
COUNTY OF WISE)

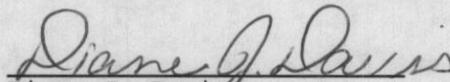
Acknowledged on this 21st day of May, 2003, personally before me a notary public in and for the Commonwealth of Virginia, appeared Benny Wampler, being duly sworn did depose and say that he is Chairman of the Virginia Gas and Oil Board, that he executed the same and was authorized to do so.


Susan G. Garrett
Notary Public

My commission expires July 31, 2006

STATE OF VIRGINIA)
COUNTY OF WASHINGTON)

Acknowledged on this 29th day of May, 2003, 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 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 September 30, 2005

~~REVISOR WELL LOCATION~~

BK 387165 769

Latitude 37° 05' 00"

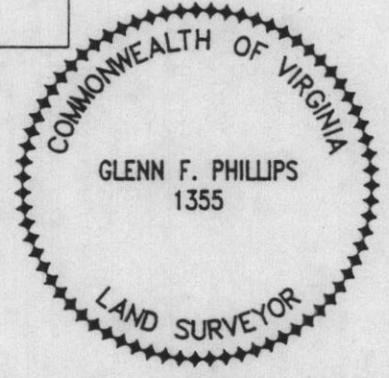
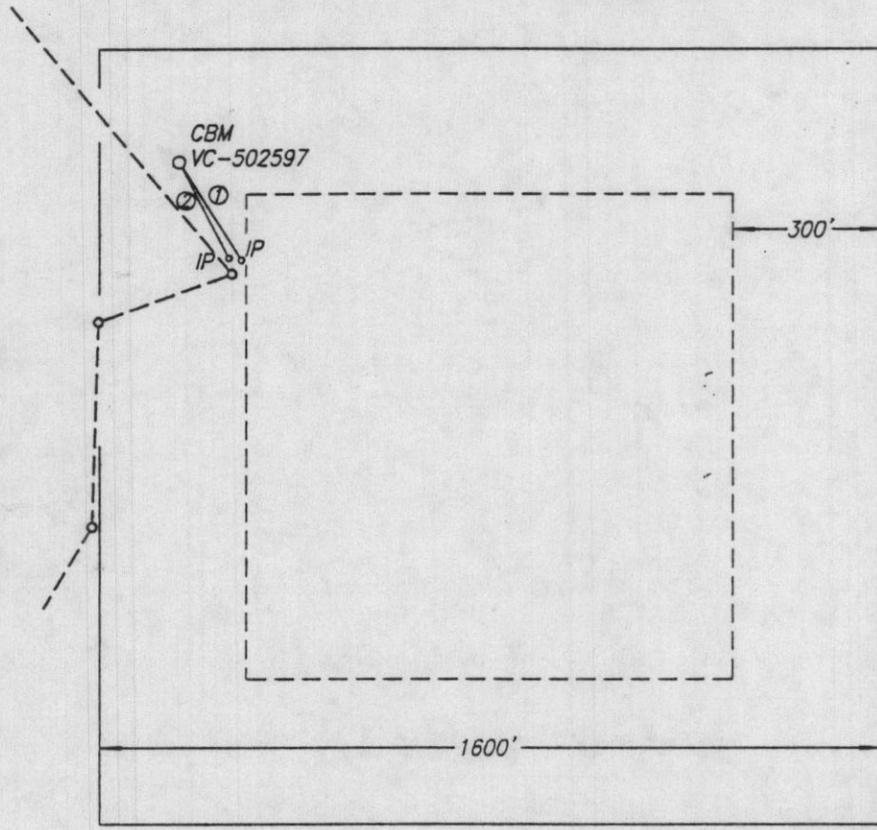
895'

Longitude 82° 10' 00"

Lease No. 241490L / T-408
E. Sutherland Heirs
382.22 Acres
Clinchfield Coal Company /
Pyxis Resources Company - coal
Pine Mountain Oil & Gas, Inc. - oil & gas
gas 57.44 ac. 97.74%

Iron Pin Direction & Distance
1. S 31°54' E, 239.48'
2. S 26°55' E, 223.27'

B. S. Powers Heirs -
surface, oil & gas
53.15 Acres
Clinchfield Coal Company /
Pyxis Resources Company - coal
Gas 1.33 ac. 2.26%



Well Coordinates: (Va. St. Plane S. Zone,
Calculated from CCC coordinates)
N 293,381 E 919,483

Well Coordinates: (Clinchfield Coal Co.)
S 6,933.87 E 52,063.57

Area of Unit = 58.77 Ac.

Well elevation determined by trigonometric
leveling from BM MCD 227

WELL LOCATION PLAT

COMPANY Equitable Resources Exploration WELL NAME AND NUMBER VC-502597
TRACT NO. T-408 ELEVATION 2348.00' QUADRANGLE Duty
COUNTY Dickenson DISTRICT Ervinton SCALE 1" = 400' DATE 9-10-2002

This Plat is a new plat x; an updated plat ; or a final location plat

+ Denotes the location of a well on United States topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

Glenn F. Phillips
Licensed Professional Engineer or Licensed Land Surveyor

EQUITABLE PRODUCTION COMPANY
AUTHORIZATION FOR EXPENDITURE

AFE DATE:

21-Sep-02

DRILLING PROJECT

Cost Center # 217 502597 00

AFE GENERATOR:

DLM

AFE# 217 502597 1A

County: Dickinson
District: BSG
Well: VC 502597
Stages Completed:
Project Start Date:
Contractor: Gasco
Total Depth: 2487
Rate - \$/Ft: \$13.00
Amount Pipeline: 3" 700 4" 0

OPERATIONAL APPROVAL:

ms hntal 9/21/02

CORPORATE AFE Code	INTANGIBLES	ESTIMATED COSTS			SUBSIDIARY WI 1 NET TOTAL COST
		DRY HOLE	COMPLETION	TOTAL COMPLETED WELL	
180020	ASSIGNMENTS				
180013	CONTRACT FOOTAGE	\$34,569		\$34,569	\$34,569
180011	TURNKEY CONTRACTOR PRICING	\$0		\$0	\$0
180015	DAYWORK	\$1,000		\$1,000	\$1,000
180030	CONTRACTOR SETUP	\$0		\$0	\$0
180049	LEGAL SERVICES, TITLE CURATIVE, ABSTRACTS, PRE-DRILLING LITIGATION	\$1,450		\$1,450	\$1,450
180061	GPS, SURVEY, WELL PLAT, PERMITS, BONDS	\$5,150		\$5,150	\$5,150
180075	DIRECTIONAL SERVICE AND TOOLS/ DIRECTIONAL SURVEYS, SIDETRACKING	\$0		\$0	\$0
180092	LOCATION PREPARATION, TREE CUTTING, FORESTER, TREE APPRAISALS	\$200		\$200	\$200
180093	LOCATION PIT LINERS	\$1,000		\$1,000	\$1,000
180094	LOCATION CONSTRUCTION, DOZER WORK, EXCAVATION & BLASTING	\$16,000		\$16,000	\$16,000
180096	ROCKING, CULVERTS & STONE LOCATION CONSTRUCTION,	\$4,000		\$4,000	\$4,000
180111	PIT TREATMENT/RESTORATION/GATES	\$8,000		\$8,000	\$8,000
180130	DRILLING MUD & CHEMICALS	\$0		\$0	\$0
180141	BITS, REAMERS, STABILIZERS, HAMMERS	\$0		\$0	\$0
180170	DRILLING WATER	\$1,000		\$1,000	\$1,000
180180	OPEN HOLE LOGGING	\$3,650		\$3,650	\$3,650
180201	SPECIAL LOGGING, SCIENCE, MUD LOG, CORING & CORE ANALYSIS	\$0		\$0	\$0
180222	WELL TESTING, DST & PRODUCTION TESTING	\$0		\$0	\$0
180229	CEMENTING - CONDUCTOR / COAL STRING	\$0		\$0	\$0
180231	CEMENTING - SURFACE CASING (INCL FLOAT EQUIP)	\$6,000		\$6,000	\$6,000
180241	CEMENTING - INTERMEDIATE CASING (INCL FLOAT EQUIP)	\$0		\$0	\$0
180251	WELL KILLING, MISC, PUMPING, MISC CEMENTING-DRILLING OPERATIONS	\$0		\$0	\$0
180281	SPECIAL DRILLING TOOLS, RENTAL & SERVICES, POWER TONGS	\$0		\$0	\$0
180299	TRANSPORTATION/TRUCKING COSTS (CASINGS & MATERIALS)-DRILLING	\$600		\$600	\$600
180310	FISHING EXPENSES	\$0		\$0	\$0
180333	P & A COSTS INCLUDING RIG TIME, MISC COSTS AND CEMENT	\$0		\$0	\$0
180341	SURFACE DAMAGES, LOCATION AND PIPELINE	\$2,200		\$2,200	\$2,200
180699	GEOLOGY SUPERVISION, ETC.	\$0		\$0	\$0
180720	OPERATOR OVERHEAD	\$4,000		\$4,000	\$4,000
180731	CONSULTING SERVICES RIG SUPERVISION	\$0		\$0	\$0
180751	CONTINGENCY, OTHER, MISCELLANEOUS DRILLING OPERATIONS	\$500		\$500	\$500
180733	LAND CONTRACTOR COSTS	\$2,500		\$2,500	\$2,500
IDC- COMPLETION					
181011	DAYWORK COMPLETION OPERATIONS		\$0	\$0	\$0
181021	SERVICE RIG / COILED TUBING & ASSOCIATED COSTS/PER DIEM		\$4,000	\$4,000	\$4,000
181071	PERFORATING, CASED HOLE LOGS		\$5,700	\$5,700	\$5,700
181101	CEMENTING - PROD. CASING (FLOAT EQUIP & BAFFLE)		\$8,500	\$8,500	\$8,500
181122	SERVICE COMPANY, NITROGEN, ACID, FRAC SERVICES		\$49,000	\$49,000	\$49,000
181131	SQUEEZE, MISC. CEMENTING & PUMPING COMPLETION OPERATIONS		\$0	\$0	\$0
181141	TANKS/PITS/DOZER-COMPLETION OPERATIONS		\$4,000	\$4,000	\$4,000
181151	PIPELINE CONSTRUCTION & RECLAMATION		\$4,130	\$4,130	\$4,130
181161	WATER HAULING IN-COMPLETION OPERATIONS		\$1,000	\$1,000	\$1,000
181202	WELLHEAD TIE IN, LABOR, ETC.		\$3,000	\$3,000	\$3,000
181215	DRILLING/FRAC FLUID DISPOSAL		\$1,000	\$1,000	\$1,000
181220	RIGHT OF WAY PIPELINE		\$200	\$200	\$200
181225	TRANSPORTATION/TRUCKING (CASINGS & MATERIALS) COMPLETION		\$1,800	\$1,800	\$1,800
181270	ENVIRONMENTAL COSTS		\$0	\$0	\$0
181701	CONSULTING SERVICES FRAC/COMPLETION SUPERVISION		\$0	\$0	\$0
181702	CONSULTING SERVICES PIPELINE SUPERVISION		\$0	\$0	\$0
181751	CONTINGENCY OTHER, MISCELLANEOUS COMPLETION OPERATIONS		\$0	\$0	\$0
183910	SALARIES AND WAGES - ALLOCATED	\$500		\$500	\$500
183920	OTHER EMPLOYEE COMPENSATION - ALLOCATED	\$0		\$0	\$0
183930	PAYROLL TAXES - ALLOCATED	\$50		\$50	\$50
183940	WORKMENS COMPENSATION - ALLOCATED	\$0		\$0	\$0
183950	EMPLOYEE BENEFITS - ALLOCATED	\$100		\$100	\$100
181001	PER DIEM EXPENSES	\$100		\$100	\$100
181100	TRAVEL EXPENSES	\$0		\$0	\$0
181200	PERSONAL AUTO MILEAGE REIMB.	\$0		\$0	\$0
181900	OTHER ALLOCATED	\$0		\$0	\$0
	TOTAL INTANGIBLES:	\$92,569	\$82,130	\$174,699	\$174,699
TANGIBLES					
182022	CASING: CONDUCTOR & DRIVE PIPE	\$369		\$369	\$369
182030	SURFACE CASING	\$1,410		\$1,410	\$1,410
182040	INTERMEDIATE CASING	\$0		\$0	\$0
182016	PRODUCTION CASING: USED		\$0	\$0	\$0
182019	PRODUCTION CASING: NEW		\$6,392	\$6,392	\$6,392
182036	NEW TUBING		\$3,948	\$3,948	\$3,948
182039	USED TUBING		\$0	\$0	\$0
182051	CASING HEAD, TUBINGHEAD, WELLHEAD EQUIPMENT AND CHRISTMAS TREE		\$750	\$750	\$750
182055	VALVES & FITTINGS		\$1,500	\$1,500	\$1,500
182060	GATHERING LINES		\$1,440	\$1,440	\$1,440
182061	PIPELINE FITTINGS & TIE IN FITTINGS, C P EQUIPMENT, TAPE, ANODES		\$1,000	\$1,000	\$1,000
182078	USED MEASUREMENT VALVES & FITTINGS, INCLUDING METER & POSS DRIP		\$8	\$8	\$8
182079	MEASUREMENT VALVES & FITTINGS, INCLUDING METER & POSS DRIP		\$4,300	\$4,300	\$4,300
182098	USED SEPARATOR, SEPARATOR PAD & HOOK-UP FITTINGS		\$0	\$0	\$0
182099	NEW SEPARATOR, SEPARATOR PAD & HOOK-UP FITTINGS		\$1,800	\$1,800	\$1,800
182110	DRIPS		\$300	\$300	\$300
182120	HEATER TREATERS		\$0	\$0	\$0
182131	TANK & TANK HCP FITTINGS, TANK BATTERY		\$5,000	\$5,000	\$5,000
182151	ARTIFICIAL LIFT SURFACE VALVES, PUMPING UNIT, MOTOR, OTHER		\$13,500	\$13,500	\$13,500
182161	SUCKER RODS & DOWNHOLE PUMP		\$3,000	\$3,000	\$3,000
182181	CONTINGENCIES, OTHER		\$500	\$500	\$500
	TOTAL TANGIBLES:	\$1,779	\$43,230	\$45,008	\$45,008
	TOTAL AFE:	\$94,348	\$125,360	\$219,708	\$219,708
	COST PER FOOT			\$88.34	

<u>TRACT</u>	<u>LESSOR</u>	<u>LEASE STATUS</u>	<u>INTEREST WITHIN UNIT</u>	<u>GROSS ACREAGE IN UNIT</u>
<u>Gas Estate Only</u>				
1	Pittston Company c/o Pine Mountain Oil & Gas, Inc. Attn: Richard Brillhart PO Box 5100 Lebanon, VA 24226	Leased-EPC 241490L 01 Tract T-408	73.120000%	42.9700
2	Pittston Company c/o Pine Mountain Oil & Gas, Inc. Attn: Richard Brillhart PO Box 5100 Lebanon, VA 24226	Leased-EPC 241490L 01 Tract T-408	24.620000%	14.4700
3	<u>B.S. Powers Heirs</u> Barnum S. Powers Route 1, Box 402 Clintwood, VA 24228	Unleased <i>7001 2510 0002 3831 3594</i>	0.565000%	0.3325 <i>8/16/02</i>
	Darrell C. Powers and Dorothy Powers, his wife Box 443 Clinchco, VA 24226	Unleased <i>7001 2510 0002 3831 3587</i>	0.565000%	0.3325 <i>8/16/02</i>
	Gaynell Sykes and Clair Sykes, H/W 3719 Grandin Road, S.W. Roanoke VA 24018	Unleased <i>7001 2510 0002 3831 3617</i>	0.565000%	0.3325 <i>8/21/02</i>
	Betty Lou Powers, widow 971 Dixie Road Greeneville, TN 37743	Unleased <i>7001 2510 0002 3831 3600</i>	0.565000%	0.3325 <i>8/16/02</i>
TOTAL GAS ESTATE			100.000000%	58.7700
Percentage of Unit Leased			97.740000%	
Percentage of Unit Unleased			2.260000%	
Acreage in Unit Leased				57.4400
Acreage in Unit Unleased				1.3300

EXHIBIT "B" 387PG 772
 VC-502597

<u>TRACT</u>	<u>LESSOR</u>	<u>LEASE STATUS</u> <u>Coal Estate Only</u>	<u>INTEREST WITHIN UNIT</u>	<u>GROSS ACREAGE IN UNIT</u>
1	Pittston Company c/o Pine Mountain Oil & Gas, Inc. Attn: Richard Brillhart PO Box 5100 Lebanon, VA 24226	Leased-EPC 241490L 01 Tract T-408	73.120000%	42.9700
2	Pittston Company c/o Pine Mountain Oil & Gas, Inc. Attn: Richard Brillhart PO Box 5100 Lebanon, VA 24226	Leased-EPC 241490L 01 Tract T-408	24.620000%	14.4700
3	Pittston Company c/o Pine Mountain Oil & Gas, Inc. Attn: Richard Brillhart PO Box 5100 Lebanon, VA 24226	Leased-EPC 241490L 01 Tract T-408	2.260000%	1.3300
TOTAL COAL ESTATE			100.000000%	58.7700
Percentage of Unit Leased			100.000000%	
Percentage of Unit Unleased			0.000000%	
Acreage in Unit Leased				58.7700
Acreage in Unit Unleased				0.0000

INSTRUMENT #030001049
 RECORDED IN THE CLERK'S OFFICE OF
 DICKENSON ON
 MAY 30, 2003 AT 11:10AM
 JOE TATE, CLERK

VIRGINIA: IN THE OFFICE OF THE CLERK OF THE CIRCUIT COURT OF DICKENSON COUNTY, 5/30, 2003. This deed was this day presented in said office, and upon the certificate of acknowledgment thereto annexed, admitted to record at 11:10 o'clock A.M, after payment of \$ 0 tax imposed by Sec. 58.1-802.

Original returned this date to: Miane Davis

TESTE: JOE TATE, CLERK
 BY: Nancy Baker D. CLERK