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Unit Name Echols State Unit  
 Operator Yates Petroleum Corp.  
 County Lea County, New Mexico

DATE APPROVED	OCC CASE NO.	OCC ORDER NO.	EFFECTIVE DATE	TOTAL ACREAGE	STATE	FEDERAL	INDIAN-FEE	SEGREGATION CLAUSE	TERM
CPL-February 22, 1988	9381		February 22, 1988	1,440.00	1,440.00	-0-	-0-	Strict	5 years & so long as
OCD-February 10, 1988									

UNIT AREA

Township 11 South, Range 38 East  
 Section 9: All  
 Section 10: SW $\frac{1}{4}$   
 Section 15: All

Unit Name  
Operator  
County

Echols State Unit  
Yates Petroleum Corp.  
Lea County, New Mexico

STATE TRACT NO.	LEASE NO.	INSTI-TUTION	SEC.	TWP.	RGE.	SUBSECTION	DATE	ACREAGE		LESSEE
								RATIFIED ACRES	NOT RATIFIED	
1	LG-5181	Univ.	9	11S	38E	N $\frac{1}{2}$	01-22-88	320.00		Yates Petroleum
2	LG-5182	Univ.	9	11S	38E	S $\frac{1}{2}$	01-22-88	320.00		Yates Petroleum
3	LG-5183	Univ.	10	11S	38E	SW $\frac{1}{4}$	01-22-88	160.00		Yates Petroleum
4	LG-5184	Univ.	15	11S	38E	NE $\frac{1}{4}$ , SW $\frac{1}{4}$	01-22-88	320.00		Yates Petroleum
5	V-1410	Univ.	15	11S	38E	NW $\frac{1}{4}$ , SE $\frac{1}{4}$	01-22-88	320.00		Yates Petroleum

9301

MARTIN YATES, III  
1912 - 1985  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210  
TELEPHONE (505) 748-1471

S. P. YATES  
CHAIRMAN OF THE BOARD  
JOHN A. YATES  
PRESIDENT  
PEYTON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

March 21, 1988

Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico

Attention: William J. LeMay

Re: Echols State Unit  
Lea County, New Mexico

Gentlemen:

Enclosed for your files is a copy of the executed Agreement with Certificate of Approval from the Commissioner of Public Lands attached.

Please advise should you require anything further.

Thank you.

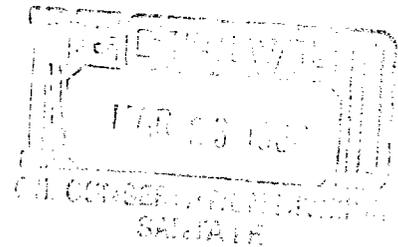
Very truly yours,

YATES PETROLEUM CORPORATION

Kathy H. Colbert  
Landman

KHC/bp

Enclosure





# NEW MEXICO STATE LAND OFFICE

## CERTIFICATE OF APPROVAL

COMMISSIONER OF PUBLIC LANDS, STATE OF NEW MEXICO

ECHOLS STATE UNIT

LEA COUNTY, NEW MEXICO

There having been presented to the undersigned Commissioner of Public Lands of the State of New Mexico for examination, the attached Agreement for the development and operation of acreage which is described within the attached Agreement, dated JANUARY 14, 1988, which said Agreement has been executed by parties owning and holding oil and gas leases and royalty interests in and under the property described, and upon examination of said Agreement, the Commissioner finds:

- (a) That such agreement will tend to promote the conservation of oil and gas and the better utilization of reservoir energy in said area.
- (b) That under the proposed agreement, the State of New Mexico will receive its fair share of the recoverable oil or gas in place under its lands in the area.
- (c) That each beneficiary Institution of the State of New Mexico will receive its fair and equitable share of the recoverable oil and gas under its lands within the area.
- (d) That such agreement is in other respects for the best interests of the state, with respect to state lands.

NOW, THEREFORE, by virtue of the authority conferred upon me under Sections 19-10-45, 19-10-46, 19-10-47, New Mexico Statutes Annotated, 1978 Compilation, I, the undersigned Commissioner of Public Lands of the State of New Mexico, do hereby consent to and approve the said Agreement, however, such consent and approval being limited and restricted to such lands within the Unit Area, which are effectively committed to the Unit Agreement as of this date, and, further, that leases insofar as the lands covered thereby committed to this Unit Agreement shall be and the same are hereby amended to conform with the terms of such Unit Agreement, and said leases shall remain in full force and effect in accordance with the terms and conditions of said Agreement. This approval is subject to all of the provisions and requirements of the aforesaid statutes.

IN WITNESS WHEREOF, this Certificate of Approval is executed, with seal affixed, this 22nd day of February, 19 88.

*W. R. Humphries*  
COMMISSIONER OF PUBLIC LANDS  
of the State of New Mexico

UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION  
OF THE

ECHOLS STATE UNIT AREA  
LEA COUNTY, NEW MEXICO

NO. \_\_\_\_\_

THIS AGREEMENT, entered into as of the 14th day of January 1988, by and between the parties subscribing, ratifying or consenting hereto, and herein referred to as the "parties hereto";

WITNESSETH:

WHEREAS, the parties hereto are the owners of working, royalty, or other oil or gas interests in the unit area subject to this agreement; and

WHEREAS, the Commissioner of Public Lands of the State of New Mexico is authorized by an Act of the Legislature (Sec 3, Chap. 88, Laws 1943) as amended by Dec. 1 of Chapter 162, Laws of 1951, (Chap. 19, Art. 10, Sec. 45, N. M. Statutes 1978 Annot.), to consent to and approve the development of operation of State Lands under agreements made by lessees of State Land jointly or severally with other lessees where such agreements provide for the unit operation or development or part of or all of any oil or gas pool, field, or area; and

WHEREAS, the Commissioner of Public Lands of the State of New Mexico is authorized by an Act of the Legislature (Sec. 1, Chap. 162), (Laws of 1951, Chap. 19, Art. 10, Sec. 47, N. M. Statutes 1978 Annotated) to amend with the approval of lessee, evidenced by the lessee's execution of such agreement or otherwise, any oil and gas lease embracing State Lands so that the length of the term of said lease may coincide with the term of such agreements for the unit operation and development of part or all of any oil or gas pool, field, or area; and

WHEREAS, the Oil Conservation Division of the Energy and Minerals Department of the State of New Mexico (hereinafter referred to as the "Division"), is authorized by an Act of the Legislature (Chap. 72, Laws 1935, as amended, being Section 70-2-1 et seq. New Mexico Statutes Annotated, 1978 Compilation) to approve this agreement and the conservation provisions hereof; and

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WHEREAS, the parties hereto hold sufficient interests in the Echols State Unit Area covering the land hereinafter described to give reasonably effective control of operations therein; and

WHEREAS, it is the purpose of the parties hereto to conserve natural resources, prevent waste and secure other benefits obtainable through development and operation of the area subject to this agreement under the terms, conditions and limitations herein set forth;

NOW, THEREFORE, in consideration of the premises and the promises herein contained, the parties hereto commit to this agreement their respective interests in the below defined unit area, and agree severally among themselves as follows:

1. UNIT AREA: The following described land is hereby designated and recognized as constituting the unit area:

Township 11 South, Range 38 East  
Section 9: All  
Section 10: SW $\frac{1}{4}$   
Section 15: All  
Containing 1440.00 acres, more or less  
Lea County, New Mexico

Exhibit "A" attached hereto is a map showing the unit area and the boundaries and indenture of tracts and leases in said area to the extent known to the unit operator. Exhibit "B" attached hereto is a schedule showing to the extent known to the unit operator the acreage, percentage and kind of ownership of oil and gas interests in all lands in the unit area. However, nothing herein or in said schedule or map shall be construed as a representation by any party hereto as to the ownership of any interest other than such interest or interests as are shown on said map or schedule as owned by such party. Exhibits "A" and "B" shall be revised by the unit operator whenever changes in ownership in the unit area render such revisions necessary or when requested by the Commissioner of Public Lands, hereinafter referred to as "Commissioner" or the Oil Conservation Division, hereinafter referred to as the "Division".

All land committed to this agreement shall constitute land referred to herein as "unitized land" or "land subject to this agreement".

2. UNITIZED SUBSTANCES: All oil, gas, natural gasoline, and associated fluid hydrocarbons in any and all formations of the unitized land are unitized under the terms of this agreement and herein are called "unitized substances".

3. UNIT OPERATOR: Yates Petroleum Corporation, whose address is 105 South Fourth Street, Artesia, New Mexico 88210 is hereby designated as unit operator and by signature hereto commits to this agreement all interest in unitized substances vested in it as set forth in Exhibit "B", and agrees and consents to accept the duties and obligations of unit operator for the discovery, development and production of unitized substances as herein provided. Whenever reference is made herein to the unit operator, such reference means the unit operator acting in that capacity and not as an owner of interests in unitized substances, and the term "working interest owner" when used herein shall include or refer to unit operator as the owner of a working interest when such an interest is owned by it.

4. RESIGNATION OR REMOVAL OF UNIT OPERATOR: Unit operator shall have the right to resign at any time but such resignation shall not become effective until a successor unit operator has been selected and approved in the manner provided for in Section 5 of this agreement. The resignation of the unit operator shall not release the unit operator from any liability or any default by it hereunder occurring prior to the effective date of its resignation.

Unit operator may, upon default or failure in the performance of its duties or obligations hereunder, be subject to removal by the same percentage vote of the owners of working interests determined in like manner as herein provided for the selection of a new unit operator. Such removal shall be effective upon notice thereof to the Commissioner and the Division.

The resignation or removal of the unit operator under this agreement shall not terminate his right, title or interest as the owner of a working interest or other interest in unitized substances, but upon the resignation or removal of unit operator becoming effective, such unit operator shall deliver possession of all equipment, materials, and appurtenances used in conducting the unit operations and owned by the working interest owners to the newly duly qualified successor unit operator, or to the owners thereof if no such new unit operation is elected, to be used for the purpose of conducting unit operations hereunder. Nothing herein shall be construed as authorizing removal of any material, equipment and appurtenances needed for the preservation of wells.

5. SUCCESSOR UNIT OPERATOR: Whenever the unit operator shall resign as unit operator or shall be removed as hereinabove provided, the owners of the working interests according to their respective acreage interests in all

unitized land shall by a majority vote select a successor unit operator; provided that, if a majority but less than seventy five percent (75%) of the working interests qualified to vote is owned by one party to this agreement, a concurring vote of sufficient additional parties, so as to constitute in the aggregate not less than seventy-five percent (75%) of the total working interests, shall be required to select a new operator. Such selection shall not become effective until (a) a unit operator so selected shall accept in writing the duties and responsibilities of unit operator, and (b) the selection shall have been approved by the Commissioner. If no successor unit operator is selected and qualified as herein provided, the Commissioner at his election, with notice to the Division, may declare this unit agreement terminated.

6. ACCOUNTING PROVISIONS: The unit operator shall pay in the first instance all costs and expenses incurred in conducting unit operations hereunder, and such costs and expenses and the working interest benefits accruing hereunder shall be apportioned, among the owners of the unitized working interests in accordance with an operating agreement entered into by and between the unit operator and the owners of such interests, whether one or more, separately or collectively. Any agreement or agreements entered into between the working interest owners and the unit operator as provided in this section, whether one or more, are herein referred to as the "Operating Agreement". No such agreement shall be deemed either to modify any of the terms and conditions of this unit agreement or to relieve the unit operator of any right or obligation established under this unit agreement and in case of any inconsistencies or conflict between this unit agreement and the operating agreement, this unit agreement shall prevail.

7. RIGHTS AND OBLIGATIONS OF UNIT OPERATOR: Except as otherwise specifically provided herein, the exclusive right, privilege and duty of exercising any and all rights of the parties hereto which are necessary or convenient for prospecting for, producing, storing, allocating and distributing the unitized substances are hereby delegated to and shall be exercised by the unit operator as herein provided. Acceptable evidence of title to said rights shall be deposited with said unit operator and, together with this agreement, shall constitute and define the rights, privileges and obligations of unit operator. Nothing herein, however, shall be construed to transfer title to any land or to any lease or operating agreement, it being understood that under this agreement the unit operator, in its capacity as unit operator, shall exercise the rights of possession and use vested in the parties hereto only for the purposes herein specified.

8. DRILLING TO DISCOVERY: The unit operator shall, within sixty (60) days after the effective date of this agreement, commence operations upon an adequate test well for oil and gas upon some part of the lands embraced within the unit area and shall drill said well with due diligence to a depth sufficient to attain the top of the Devonian formation or to such a depth as unitized substances shall be discovered in paying quantities at a lesser depth or until it shall, in the opinion of unit operator, be determined that the further drilling of said well shall be unwarranted or impracticable; provided, however, that unit operator shall not, in any event, be required to drill said well to a depth in excess of 12,300 feet. Until a discovery of a deposit of unitized substances capable of being produced in paying quantities (to wit: quantities sufficient to repay the cost of drilling and producing operations with a reasonable profit) unit operator shall continue drilling diligently, one well at a time, allowing not more than six months between the completion of one well and the beginning of the next well, until a well capable of producing unitized substances in paying quantities is completed to the satisfaction of the Commissioner or until it is reasonably proven to the satisfaction of the unit operator that the unitized land is incapable of producing unitized substances in paying quantities in the formation drilled hereunder.

Any well commenced prior to the effective date of this agreement upon the unit area and drilled to the depth provided herein for the drilling of an initial test well shall be considered as complying with the drilling requirements hereof with respect to the initial well. The Commissioner may modify the drilling requirements of this section by granting reasonable extensions of time when in his opinion such action is warranted. Upon failure to comply with the drilling provisions of this article the Commissioner may, after reasonable notice to the unit operator and each working interest owner, lessee and lessor at their last known addresses, declare this unit agreement terminated, and all rights, privileges and obligations granted and assumed by this unit agreement shall cease and terminate as of such date.

9. OBLIGATIONS OF UNIT OPERATOR AFTER DISCOVERY OF UNITIZED SUBSTANCES:

Should unitized substances in paying quantities be discovered upon the unit area, the unit operator shall on or before six months from the time of the completion of the initial discovery well and within thirty days after the expiration of each twelve months period thereafter, file a report with the Commissioner and Division of the status of the development of the unit area and the development contemplated for the following twelve months period.

It is understood that one of the main considerations for the approval of this agreement by the Commissioner of Public Lands is to secure the orderly development of the unitized lands in accordance with good conservation practices so as to obtain the greatest ultimate recovery of unitized substances.

After discovery of unitized substances in paying quantities, unit operator shall proceed with diligence to reasonably develop the unitized area as a reasonably prudent operator would develop such area under the same or similar circumstances.

If the unit operator should fail to comply with the above covenant for reasonable development this agreement may be terminated by the Commissioner as to all lands of the State of New Mexico embracing undeveloped regular well spacing or proration units, but in such event, the basis of participation by the working interest owners shall remain the same as if this agreement had not been terminated as to such lands; provided however, the Commissioner shall give notice to the unit operator and the lessees of record in the manner prescribed by (Sec. 19-10-20 N.M. Statutes 1978 Annotated,) of intention to cancel on account of any alleged breach of said covenant for reasonable development and decision entered thereunder shall be subject to appeal in the manner prescribed by (Sec. 19-10-23 N.M. Statutes 1978 Annotated), and, provided further, in any event the unit operator shall be given a reasonable opportunity after a final determination within which to remedy any default, failing in which this agreement shall be terminated as to all lands of the State of New Mexico embracing undeveloped regular well spacing or proration units.

Notwithstanding any of the provisions of this Agreement to the contrary, all undeveloped regular well spacing or proration unit tracts within the unit boundaries embracing lands of the State of New Mexico shall be automatically eliminated from this Agreement and shall no longer be a part of the unit or be further subject to the terms of this Agreement unless at the expiration of five years (5) after the first day of the month following the effective date of this Agreement diligent drilling operations are in progress on said tracts.

10. PARTICIPATION AFTER DISCOVERY: Upon completion of a well capable of producing unitized substances in paying quantities, the owners of working interests shall participate in the production therefrom and in all other producing wells which may be drilled pursuant hereto in the proportions that their respective leasehold interests covered hereby on an acreage basis bears to the total number of acres committed to this unit agreement, and such unitized substances shall be deemed to have been produced from the respective leasehold interests participating therein. For the purpose of determining any benefits

accruing under this agreement and the distribution of the royalties payable to the State of New Mexico and other lessors, each separate lease shall have allocated to it such percentage of said production as the number of acres in each lease respectively committed to this agreement bears to the total number of acres committed hereto.

Notwithstanding any provisions contained herein to the contrary, each working interest owner shall have the right to take such owner's proportionate share of the unitized substances in kind or to personally sell or dispose of the same, and nothing herein contained shall be construed as giving or granting to the unit operator the right to sell or otherwise dispose of the proportionate share of any working interest owner without specific authorization from time to time so to do.

11. ALLOCATION OF PRODUCTION: All unitized substances produced from each tract in the unitized area established under this agreement, except any part thereof used for production or development purposes hereunder, or unavoidably lost, shall be deemed to be produced equally on an acreage basis from the several tracts of the unitized land, and for the purpose of determining any benefits that accrue on an acreage basis, each such tract shall have allocated to it such percentage of said production as its area bears to the entire unitized area. It is hereby agreed that production of unitized substances from the unitized area shall be allocated as provided herein, regardless of whether any wells are drilled on any particular tracts of said unitized area.

12. PAYMENT OF RENTALS, ROYALTIES AND OVERRIDING ROYALTIES: All rentals due the State of New Mexico shall be paid by the respective lease owners in accordance with the terms of their leases.

All royalties due to the State of New Mexico under the terms of the leases committed to this agreement shall be computed and paid on the basis of all unitized substances allocated to the respective leases committed hereto; provided, however, the State shall be entitled to take in kind its share of the unitized substances allocated to the respective leases, and in such case the unit operator shall make deliveries of such royalty oil in accordance with the terms of the respective leases.

All rentals, if any, due under any leases embracing lands other than the State of New Mexico, shall be paid by the respective lease owners in accordance with the terms of their leases and all royalties due under the terms of any such leases shall be paid on the basis of all unitized substances allocated to the respective leases committed hereto.

If the unit operator introduces gas obtained from sources other than the unitized substances into any producing formation for the purpose of repressuring, stimulating or increasing the ultimate recovery of unitized substances therefrom, a like amount of gas, if available, with due allowance for loss or depletion from any cause may be withdrawn from the formation into which the gas was introduced royalty free as to dry gas but not as to the products extracted therefrom; provided, that such withdrawal shall be at such time as may be provided in a plan of operation consented to by the Commissioner and approved by the Division as conforming to good petroleum engineering practice; and provided further, that such right of withdrawal shall terminate on the termination of this unit agreement.

If any lease committed hereto is burdened with an overriding royalty, payment out of production or other charge in addition to the usual royalty, the owner of such lease shall bear and assume the same out of the unitized substances allocated to the lands embraced in each such lease as provided herein.

13. LEASES AND CONTRACTS CONFORMED AND EXTENDED INSOFAR AS THEY APPLY TO LANDS WITHIN THE UNITIZED AREA:

The terms, conditions and provisions of all leases, subleases, operating agreements and other contracts relating to the exploration, drilling development or operation for oil or gas of the lands committed to this agreement, shall as of the effective date hereof, be and the same are hereby expressly modified and amended insofar as they apply to lands within the unitized area to the extent necessary to make the same conform to the provisions hereof and so that the respective terms of said leases and agreements will be extended insofar as necessary to coincide with the terms of this agreement and the approval of this agreement by the Commissioner and the respective lessors and lessees shall be effective to conform the provisions and extend the terms of each such lease as to lands within the unitized area to the provisions and terms of this agreement; but otherwise to remain in full force and effect. Each lease committed to this agreement, insofar as it applies to lands within the unitized area, shall continue in force beyond the term provided therein as long as this agreement remains in effect, provided, drilling operations upon the initial test well provided for herein shall have been commenced or said well is in the process of being drilled by the unit operator prior to the expiration of the shortest term lease committed to this agreement. Termination of this agreement shall not affect any lease which pursuant to the terms thereof or any applicable laws would continue in full force and effect thereafter. The commencement,

completion, continued operation or production on each of the leasehold interests committed to this agreement and operations or production pursuant to this agreement shall be deemed to be operations upon and production from each leasehold interest committed hereto and there shall be no obligation on the part of the unit operator or any of the owners of the respective leasehold interests committed hereto to drill offset to wells as between the leasehold interests committed to this agreement, except as provided in Section 9 hereof.

Any lease embracing lands of the State of New Mexico of which only a portion is committed hereto shall be segregated as to the portion committed and as to the portion not committed and the terms of such leases shall apply separately as two separate leases as to such segregated portions, commencing as of the effective date hereof. Notwithstanding any of the provisions of this agreement to the contrary, any lease embracing lands of the State of New Mexico having only a portion of its lands committed hereto shall continue in full force and effect beyond the term provided therein as to all lands embraced within the unitized area and committed to this agreement, in accordance with the terms of this agreement. If oil and gas, or either of them, are discovered and are being produced in paying quantities from some part of the lands embraced in such lease which part is committed to this agreement at the expiration of the secondary term of such lease, such production shall not be considered as production from lands embraced in such lease which are not within the unitized area, and which are not committed thereto, and drilling or reworking operations upon some part of the lands embraced within the unitized area and committed to this agreement shall be considered as drilling and reworking operations only as to lands embraced within the unit agreement and not as to lands embraced within the lease and not committed to this unit agreement; provided, however, as to any lease embracing lands of the State of New Mexico having only a portion of its lands committed hereto upon which oil and gas, or either of them, has been discovered is discovered upon that portion of such lands not committed to this agreement, and are being produced in paying quantities prior to the expiration of the primary term of such lease, such production in paying quantities shall serve to continue such lease in full force and effect in accordance with its terms as to all of the lands embraced in said lease.

14. CONSERVATION: Operations hereunder and production of unitized substances shall be conducted to provide for the most economical and efficient recovery of said substances without waste, as defined by or pursuant to State laws or regulations.

15. DRAINAGE: In the event a well or wells producing oil or gas in paying quantities should be brought in on land adjacent to the unit area draining unitized substances from the lands embraced therein, unit operator shall drill such offset well or wells as a reasonably prudent operator would drill under the same or similar circumstances.

16. COVENANTS RUN WITH LAND: The covenants herein shall be construed to be covenants running with the land with respect to the interests of the parties hereto and their successors in interest until this agreement terminates, and any grant, transfer or conveyance of interest in land or leases subject hereto shall be and hereby is conditioned upon the assumption of all privileges and obligations hereunder to the grantee, transferee or other successor in interest. No assignment or transfer or any working, royalty, or other interest subject hereto shall be binding upon unit operator until the first day of the calendar month after the unit operator is furnished with the original, photostatic, or certified copy of the instrument of transfer.

17. EFFECTIVE DATE AND TERM: This agreement shall become effective upon approval by the Commissioner and the Division and shall terminate in five (5) years after such date unless (a) such date of expiration is extended by the Commissioner, or (b) a valuable discovery of unitized substances has been made on unitized land during said initial term or any extension thereof in which case this agreement shall remain in effect so long as unitized substances are being produced in paying quantities from the unitized land and, should production cease, so long thereafter as diligent operations are in progress for the restoration of production or discovery of new production and so long thereafter as the unitized substances so discovered are being produced as aforesaid. This agreement may be terminated at any time by not less than seventy-five percent (75%) on an acreage basis of the owners of the working interests, signatory hereto, with the approval of the Commissioner and with notice to Division. Likewise, the failure to comply with the drilling requirements of Section 8 hereof, may subject this agreement to termination as provided in said section.

18. RATE OF PRODUCTION: All production and the disposal thereof shall be in conformity with allocations, allotments, and quotas made or fixed by the Commission, and in conformity with applicable laws and lawful regulations.

19. APPEARANCES: Unit operator shall, after notice to other parties affected, have the right to appear for and on behalf of any and all interest affected hereby, before the Commissioner of Public Lands and the Division, and to appeal from orders issued under the regulations of the Commissioner or Division, or to apply for relief from any of said regulations or in any

proceedings on its own behalf relative to operations pending before the Commissioner or Division; provided, however, that any other interest party shall also have the rights at his own expense to appear and to participate in any such proceeding.

20. NOTICES: All notices, demands or statements required hereunder to be given or rendered to the parties hereto, shall be deemed fully given, if given in writing and sent by postpaid registered mail, addressed to such party or parties at their respective addresses, set forth in connection with the signatures hereto or to the ratification or consent hereof, or to such other address as any such party may have furnished in writing to party sending the notice, demand, or statement.

21. UNAVOIDABLE DELAY: All obligations under this agreement requiring the unit operator to commence or continue drilling or to operate on or produce unitized substances from any of the lands covered by this agreement, shall be suspended while, but only so long as, the unit operator, despite the exercise of due care and diligence, is prevented from complying with such obligations, in whole or part, by strikes, war, act of God, Federal, State, or municipal law or agencies, unavoidable accidents, uncontrollable delays in transportation, inability to obtain necessary material in open market, or other matters beyond the reasonable control of the unit operator, whether similar to matters herein enumerated or not.

22. LOSS OF TITLE: In the event title to any tract of unitized land or substantial interest therein shall fail, and the true owner cannot be induced to join the unit agreement so that such tract is not committed to this agreement, or the operation thereof hereunder becomes impracticable as a result thereof, such tract may be eliminated from the unitized area, and the interest of the parties readjusted as a result of such tract being eliminated from the unitized area. In the event of a dispute as to the title to any royalty, working, or other interest subject hereto, the unit operator may withhold payment or delivery of the allocated portion of the unitized substances involved on account thereof, without liability for interest until the dispute is finally settled, provided that no payments of funds due the State of New Mexico shall be withheld. Unit operator, as such, is relieved from any responsibility for any defect or failure of any title hereunder.

23. SUBSEQUENT JOINDER: Any oil or gas interest in lands within the unit area not committed hereto, prior to the submission of the agreement for final approval by the Commissioner and the Division, may be committed hereto by the owner or owners of such rights, subscribing or consenting to this agreement, or

executing a ratification thereof, and if such owner is also a working interest owner, by subscribing to the operating agreement providing for the allocation of costs of exploration, development and operation. A subsequent joinder shall be effective as of the first day of the month following the approval by the Commissioner and the filing with the Division of duly executed counterparts of the instrument or instruments committing the interest of such owner to this agreement, but such joining party or parties, before participating in any benefits hereunder, shall be required to assume and pay to unit operator, their proportionate share of the unit expenses incurred prior to such party's or parties joinder in the unit agreement, and the unit operator shall make appropriate adjustments caused by such joinder, without any retroactive adjustment of revenue.

24. COUNTERPARTS: This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument in writing specifically referring hereto, and shall be binding upon all those parties who have executed such a counterpart, ratification, or consent hereto with the same force and effect as if all such parties had signed the same document, and regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands within the above described unit area.

IN WITNESS WHEREOF, the undersigned parties hereto have caused this agreement to be executed as of the respective dates set forth opposite their signatures.

UNIT OPERATOR AND WORKING INTEREST OWNER

YATES PETROLEUM CORPORATION (OPERATOR)

Date January 22, 1988

John A. Yates  
Attorney-in-Fact (Kc)

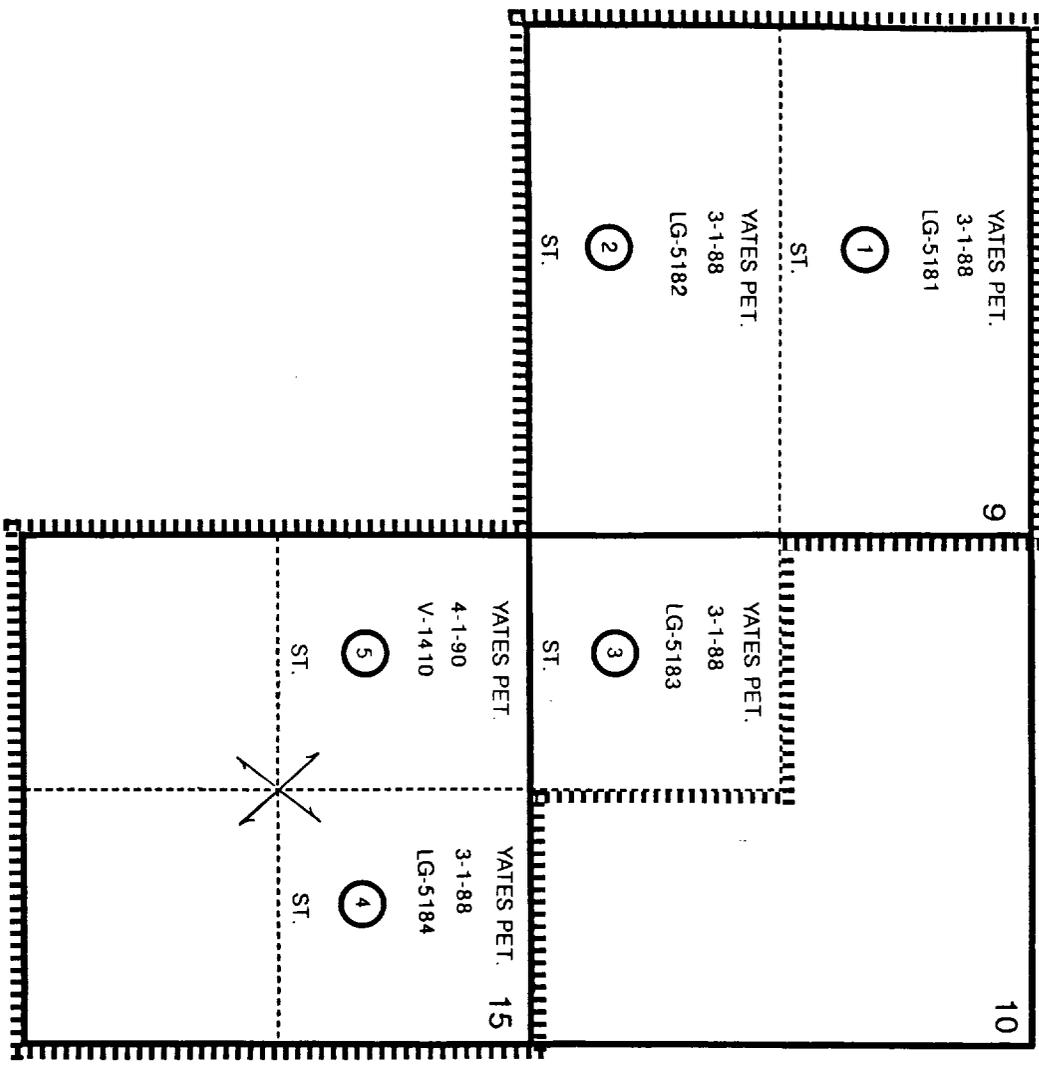
STATE OF NEW MEXICO )  
: ss  
COUNTY OF EDDY )

The foregoing instrument was acknowledged before me this 22nd day of January, 1988 by John A. Yates, President of YATES PETROLEUM CORPORATION, a New Mexico corporation, on behalf of said corporation.

My commission expires:  
August 28, 1991

Louise L. Parrish  
Notary Public

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S

ACREAGE      PERCENTAGE

STATE LANDS      1440.00      100%

TRACT NUMBER

UNIT OUTLINE

**ECHOLS STATE UNIT**  
 LEA COUNTY, NEW MEXICO  
 EXHIBIT "A"

YATES PETROLEUM CORPORATION  
 105 S. 4TH  
 ARTESIA, NEW MEXICO

EXHIBIT "B"  
 To Unit Operating Agreement  
 ECHOLS STATE UNIT  
 Lea County, New Mexico

Tract No.	Description	No. of Acres	Serial No. & Expiration Date of Lease	Basic		Lessee of Record	Overriding		Working Interest Owner & Percentage
				Royalty Owner & Percentage	Royalty		Percentage	Owner	
1.	T11S-R38E Sec. 9: N½	320.00	LG-5181 3-1-88	State of New Mexico 12.5%		Yates Petroleum Corporation	None		Yates Petroleum Corporation Yates Drilling Company Abo Petroleum Corporation Myco Industries, Inc. 25%
2.	T11S-R38E Sec. 9: S½	320.00	LG-5182 3-1-88	State of New Mexico 12.5%		Yates Petroleum Corporation	None		Yates Petroleum Corporation Yates Drilling Company Abo Petroleum Corporation Myco Industries, Inc. 25%
3.	T11S-R38E Sec. 10: SW¼	160.00	LG-5183 3-1-88	State of New Mexico 12.5%		Yates Petroleum Corporation	None		Yates Petroleum Corporation Yates Drilling Company Abo Petroleum Corporation Myco Industries, Inc. 25%
4.	T11S-R38E Sec. 15: NE¼, SW¼	320.00	LG-5184 3-1-88	State of New Mexico 12.5%		Yates Petroleum Corporation	None		Yates Petroleum Corporation Yates Drilling Company Abo Petroleum Corporation Myco Industries, Inc. 25%

EXHIBIT "B"  
 To Unit Operating Agreement  
 ECHOLS STATE UNIT  
 Lea County, New Mexico

Tract No.	Description	No. of Acres	Serial No. & Expiration Date of Lease	Basic		Lessees of Record	Overriding		Working Interest Owner & Percentage
				Royalty Owner & Percentage	State of		Royalty Owner Percentage	None	
5.	T11S-R38E Sec. 15: NW¼, SE¼	320.00	V-1410 4-1-90	State of New Mexico	16.67%	Yates Petroleum Corporation	None	Yates Petroleum Corporation Yates Drilling Company Abo Petroleum Corporation Myco Industries, Inc.	70% 10% 10% 10%

TOTAL 1440.00 Acres of State of New Mexico Lands

RATIFICATION AND JOINDER OF UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT

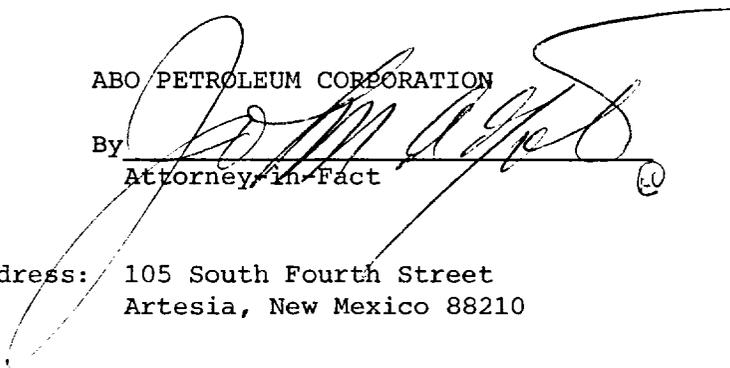
In consideration of the execution of the Unit Agreement for the Development and Operation of the ECHOLS STATE UNIT, County of Lea, State of New Mexico, dated January 14, 1988, in form approved on behalf of the Secretary of the Interior and the Commission of Public Lands, and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement the undersigned hereby expressly ratifies, approves and adopts said Unit Agreement as fully as though the undersigned had executed the original agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering the lands within the Unit Area in which the undersigned may be found to have an oil and gas interest.

This Ratification and Joinder of Unit Agreement shall be binding upon the undersigned, his, her or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 22nd day of January, 1988.

ABO PETROLEUM CORPORATION

By 

Attorney-in-Fact

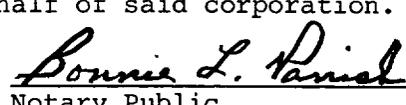
Address: 105 South Fourth Street  
Artesia, New Mexico 88210

STATE OF NEW MEXICO    )  
                                  : ss  
COUNTY OF EDDY         )

The foregoing instrument was acknowledged before me this 22nd day of January 1988 by John A. Yates, Attorney-in-Fact for ABO PETROLEUM CORPORATION, a New Mexico corporation, on behalf of said corporation.

My commission expires:

August 28, 1991

  
Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the ECHOLS STATE UNIT, County of Lea, State of New Mexico, dated January 14, 1988, in form approved on behalf of the Secretary of the Interior and the Commission of Public Lands, and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement the undersigned hereby expressly ratifies, approves and adopts said Unit Agreement as fully as though the undersigned had executed the original agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering the lands within the Unit Area in which the undersigned may be found to have an oil and gas interest.

This Ratification and Joinder of Unit Agreement shall be binding upon the undersigned, his, her or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 22nd day of January, 1988.

YATES DRILLING COMPANY

By *Peyton Yates*  
Attorney-in-Fact ①

Address: 105 South Fourth Street  
Artesia, New Mexico 88210

STATE OF NEW MEXICO    )  
                                      : SS  
COUNTY OF EDDY        )

The foregoing instrument was acknowledged before me this 22nd day of January, 1988 by Peyton Yates, Attorney-in-Fact for YATES DRILLING COMPANY, a New Mexico corporation, on behalf of said corporation.

My commission expires:  
August 28, 1991

*Bonnie L. Parish*  
Notary Public

RATIFICATION AND JOINDER OF UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the ECHOLS STATE UNIT, County of Lea, State of New Mexico, dated January 14, 1988, in form approved on behalf of the Secretary of the Interior and the Commission of Public Lands, and in consideration of the execution or ratification by other working interest owners of the contemporary Unit Operating Agreement which relates to said Unit Agreement the undersigned hereby expressly ratifies, approves and adopts said Unit Agreement as fully as though the undersigned had executed the original agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering the lands within the Unit Area in which the undersigned may be found to have an oil and gas interest.

This Ratification and Joinder of Unit Agreement shall be binding upon the undersigned, his, her or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 28<sup>th</sup> day of January, 1988.

MYCO INDUSTRIES, INC.

By Frank H. Yates Jr.  
Attorney-in-Fact

Address: 105 South Fourth Street  
Artesia, New Mexico 88210

STATE OF NEW MEXICO    )  
                                  : SS  
COUNTY OF EDDY        )

The foregoing instrument was acknowledged before me this 28<sup>th</sup> day of January, 1988 by Frank H. Yates Jr., Attorney-in-Fact for MYCO INDUSTRIES, INC., a New Mexico corporation, on behalf of said corporation.

My commission expires:

March 1, 1990

Miriam A. Korlow  
Notary Public

2000  
1990

# State of New Mexico



W.R. HUMPHRIES  
COMMISSIONER



## Commissioner of Public Lands

SLO REF NO.0G-679

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

February 22, 1988

Yates Petroleum Corporation  
105 South Fourth Street  
Artesia, New Mexico 88210  
Attention: Kathy Colbert

Re: Final Approval of the Echols  
State Unit Agreement in Lea  
County, New Mexico

Dear Ms. Colbert:

The Commissioner of Public Lands has this date granted final approval to the Echols State Unit Agreement in Lea County, New Mexico. The effective date of this agreement is February 22, 1988. Our approval is subject to like approval by the New Mexico Oil Conservation Division.

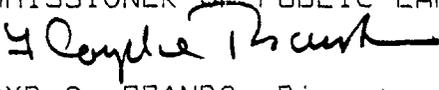
Enclosed are Five (5) Certificates of Approval.

Your filing fee in the amount of Ninety (\$90.00) Dollars has been received.

If we may be of further help, please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES  
COMMISSIONER OF PUBLIC LANDS

BY:   
FLOYD O. PRANDO, Director  
Oil & Gas Division  
AC 505/827-5744

WRH/FOP/amv  
cc:OCD-Santa Fe, New Mexico  
Gulram  
OGAD

#9301

RECEIVED  
FEB 18 1988  
DIVISION

February 16, 1988

Commissioner of Public Lands  
P. O. Box 1148  
Santa Fe, New Mexico 87501

Attention: Mr. Pete Martinez

Re: SLO Reference No. OG-651  
Echols State Unit  
Lea County, New Mexico

Gentlemen:

On behalf of Yates Petroleum Corporation, application is hereby made for final approval of the Echols State Unit, Lea County, New Mexico. Enclosed for this purpose are three originals of the Unit Agreement, with ratifications attached, and three originals of the Unit Operating Agreement. 100% of the unit interests are committed as of the date hereof.

Hearing before the New Mexico Oil Conservation Division was held in Case No. 9301 on February 3, 1988, and the Unit Agreement was approved February 10, 1988, by Order No. R-8600, effective upon approval of the agreement by the Commissioner of Public Lands. A copy of such Order is enclosed for your information.

As requested in your letter of January 26, 1988, granting preliminary approval as to form and content of the agreement, enclosed is a copy of the geological report and engineering data, together with a copy of Exhibit "A". The corrections referred to in your letter on Page 2 of the Unit Agreement and Page 1 of the Unit Operating Agreement have been made.

After approval of the Unit Agreement, please return one of the original copies of the agreement to us. Please advise if you need anything further in this regard.

Chad Dickerson      John Fisk      David R. Vandiver      Rebecca Reese Dickerson  
Seventh & Mahone / Suite E / Artesia, New Mexico 88210 / (505) 746-9841

**DICKERSON, FISK & VANDIVER**  
ATTORNEYS AT LAW

Commissioner of Public Lands  
-2-

February 16, 1988

Thank you for your cooperation in this matter.

Sincerely yours,

DICKERSON, FISK & VANDIVER

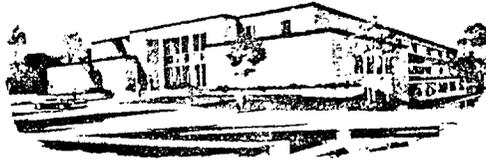
A handwritten signature in cursive script that reads "Chad Dickerson".

Chad Dickerson

CD:pvw  
Enclosures

cc: Ms. Kathy Colbert  
New Mexico Oil Conservation Division

# State of New Mexico



SIO REF NO. OG-651

W.R. HUMPHRIES  
COMMISSIONER

## Commissioner of Public Lands

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

January 26, 1988

Dickerson, Fisk & Vandiver  
ATTENTION: Mr. Chad Dickerson  
Seventh & Mahone, Suite E  
Artesia, New Mexico 88210

Re: Proposed Echols State Unit  
Lea County, New Mexico

Gentlemen:

This office has reviewed the unexecuted copy of unit agreement for the proposed Echols State Unit, Lea County, New Mexico, which you have submitted on behalf of Yates Petroleum Corporation. This agreement meets the general requirements of the Commissioner of Public Lands and has this date granted you preliminary approval as to form and content.

Preliminary approval shall not be construed to mean final approval of this agreement in any way and will not extend any short term leases, until final approval and an effective date have been given. Also, any well commenced prior to the effective date of this agreement which penetrates its objective horizon prior to said effective date shall not be construed as the initial test well.

When submitting your agreement for final approval please submit the following:

1. Application for formal approval by the Commissioner setting forth the tracts that have been committed and the tracts that have not been committed.
2. All ratifications from the lessees of Record and Working Interest Owners. All signatures should be acknowledged by a notary and one set must contain original signatures.
3. Order of the New Mexico Oil Conservation Division.
4. Geological report and engineering data.
5. Please submit a copy of Exhibit "A".

Dickerson, Fisk & Vandiver  
January 26, 1988  
page 2

6. On page 2 of the unit agreement, and page 1 of the operating agreement, the correct description for Section 10-11S-38E, should be the SW/4.

Your filing fee in the amount of ninety dollars has been received.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES  
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*

FLOYD O. PRANDO, Director  
Oil and Gas Division  
(505) 827-5744

WRH/FOP/pm  
cc: OCD-Santa Fe, New Mexico



SLO REF NO. OG-751

W.R. HUMPHRIES  
COMMISSIONER

## Commissioner of Public Lands

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

April 11, 1988

Yates Petroleum Corporation  
ATTENTION: Ms. Kathy H. Colbert  
105 South Fourth Street  
Artesia, New Mexico 88210

Re: Echols State Unit  
Lea County, New Mexico

This office is in receipt of your letter of April 8, 1988, which was a followup of our meeting with Kathy Colbert and Leslie Bentz of your office on April 7, 1988.

In our meeting and in your letter, you advised this office that due to certain geological complications and potential drilling problems, Yates Petroleum Corporation, as operator, feels further drilling of the Echols State Unit well No. 1-N and the Echols State Unit well No. 2-F both located in Section 9-11S-38E, is unwarranted and impractical. Yates Petroleum proposes to abandon the No. 2 well, and continue to conduct diligent operations on the No. 1 well and spud the No. 3 well at a location of 330' FSL and 990' FWL of Sec. 9-11S-38E. At such time the No. 3 is drilling, following the provisions in the unit agreement, you would abandon the No. 1 well and consider the No. 3 well to be the initial test well in this unit.

Please be advised that as per Section 8 of the Echols State Unit Agreement, the Commissioner of Public Lands has this date approved your proposed modification of the drilling requirements as set out in the unit.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES  
COMMISSIONER OF PUBLIC LANDS

BY:

  
FLOYD O. PRANDO, Director  
Oil and Gas Division  
(505) 827-5744

WRH/FOP/pm  
encls.

cc: OCD-Santa Fe, New Mexico ✓

# State of New Mexico



W.R. HUMPHRIES  
COMMISSIONER



## Commissioner of Public Lands

June 21, 1989

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

Yates Petroleum Corporation  
105 South Fourth Street  
Artesia, New Mexico 88210

#9301

ATTN: Kathy Colbert

RE: Termination of Echols State Unit  
Lea County, New Mexico

Gentlemen:

On July 28, 1988 the Echols State Unit Well No. 3 reached T.D. The well was determined to be a dry hole and was subsequently plugged and abandoned. According to the Unit Agreement, the drilling of another well was to be commenced within six months in order to hold the Unit. Because another well was not drilled, the Echols State Unit is terminated effective January 28, 1989.

This office was informed of this Unit termination by Kathy Colbert of Yates Petroleum Corporation on March 2, 1989. Please advise all interested parties of this termination.

If you have any questions, please do not hesitate to call on us.

Very truly yours,

W.R. HUMPHRIES  
COMMISSIONER OF PUBLIC LANDS

BY:

*Floyd O. Prando by B.S.*

FLOYD O. PRANDO, Director  
Oil and Gas Division  
(505) 827-5749

cc: OCD - Santa Fe, New Mexico  
BLM - Roswell, New Mexico  
Oil and Gas Accounting Division  
Royalty Management

Unit Name Echols State Unit  
 Operator Yates Petroleum Corp.  
 County Lea County, New Mexico

**TERMINATED**  
 EFFECTIVE DATE 1/29/89  
 APPROVAL DATE 6/21/89

DATE	OCC CASE NO.	9301	EFFECTIVE DATE	TOTAL ACREAGE	STATE	FEDERAL	INDIAN-FEE	SEGREGATION CLAUSE	TERM
APPROVED	OCC ORDER NO.	R-8600							
CPL-February 22, 1988			February 22, 1988	1,440.00	1,440.00	-0-	-0-	Strict	5 years & so long as
OCD-February 10, 1988									

UNIT AREA

Township 11 South, Range 38 East  
 Section 9: All  
 Section 10: SW $\frac{1}{4}$   
 Section 15: All

Unit Name Echols State Unit  
 Operator Yates Petroleum Corp.  
 County Lea County, New Mexico

**TERMINATED**  
 EFFECTIVE DATE 1/28/89  
 APPROVAL DATE 6/21/89

STATE TRACT NO.	LEASE NO.	INSTI-TUTION	SEC.	TWP.	RGE.	SUBSECTION	ACREAGE		LESSEE	
							RATIFIED DATE	ACRES		NOT RATIFIED
1	IG-5181	Univ.	9	11S	38E	N $\frac{1}{2}$	01-22-88	320.00		Yates Petroleum
2	IG-5182	Univ.	9	11S	38E	S $\frac{1}{2}$	01-22-88	320.00		Yates Petroleum
3	IG-5183	Univ.	10	11S	38E	SW $\frac{1}{4}$	01-22-88	160.00		Yates Petroleum
4	IG-5184	Univ.	15	11S	38E	NE $\frac{1}{4}$ , SW $\frac{1}{4}$	01-22-88	320.00		Yates Petroleum
5	V-1410	Univ.	15	11S	38E	NW $\frac{1}{4}$ , SE $\frac{1}{4}$	01-22-88	320.00		Yates Petroleum