

NM 78381X

6967



Occidental Permian Ltd.

RECEIVED
580 West Lake Park Blvd.
Houston, TX 77079
PO Box 4294
Houston, TX 77210-4294
281-552-1000
SANTA FE, NEW MEXICO

May 8, 2001

Bureau of Land Management
United States of America
Department of Interior
1474 Rodeo Road
Santa Fe, NM 87505
Attn: Ms. Mary Lou Ormseth



RE: Bravo Dome Successor Operator

Dear Ms. Ormseth:

Please find enclosed an original fully executed Designation of Successor Operator for the Bravo Dome Carbon Dioxide Gas Unit located in Harding, Quay and Union Counties, New Mexico.

If you have any questions, I may be reached at 281.552.1149. Thank you for your assistance in this matter.

Sincerely,

Sherril Roton

Sherril Roton
Lease Records Landman
281.552.1149
sherril_roton@oxy.com

Enclosure

Model Form for Designation of Successor Operator

Designation of Successor of Operator, Communitization Agreement 14-08-0001-18438, covering the Bravo Dome Carbon Dioxide Gas Unit located in Harding, Union and Quay Counties, New Mexico.

This Indenture, dated as to the First (1) day of January, 2001, by and between OXY USA Inc. hereafter designated as "First Party", and the owners of the communitized working interest, hereafter designated as "Second Parties",

WITNESSETH: Whereas under the provisions of Section 17(j) of the Act of February 15, 1920, as amended (74 Stat. 784; 30 U.S.C. 266 (j) and by authority delegated by Order approved June 14, 1962, (27 F.R. 6395), the Authorized Officer of the Bureau of Land Management on the 29 day of August, 1980 approved Communitization Agreement 14-08-0001-18438 whereby Amoco Production Company, is designated as operator of the communitized area; and

Whereas the designation of a successor operator is now desired pursuant to Section No. 3 of the Communitization Agreement; and

Whereas the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and First Party desires to assume all the rights, duties and obligations of Operator under said Communitization Agreement.

Now, therefore, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First Party hereby covenants and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of Communitization Agreement 14-08-0001-18438 and the Second Parties covenant and agree that effective as of the date herein specified, and upon receipt of this indenture, properly executed, by the Authorized Officer of the Bureau of Land Management, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said agreement, said Communitization Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said agreement were expressly set forth in this instrument.

In witness whereof, the parties hereto have executed this instrument as of the date hereinabove set forth.

WITNESSES

Sherrill G. Reaton
Carolyn Hughes

FIRST PARTY

W. L. Fran
SGR
RMC

Occidental USA Inc., as the designated successor operator under the Communitization Agreement 14-08-0001-18438, hereby certifies that the requisite approvals of the current working interest owners in the agreement have been obtained to satisfy the requirements for selection of a successor operator as set forth under the terms and provisions of the agreement.

ATTEST:

SECOND PARTIES
BY: _____

ATTEST:

BY: _____

ACCEPTED FOR RECORD

MAY 22 2001

/s/ Brian W. Davis

State of TEXAS (CORPORATE)

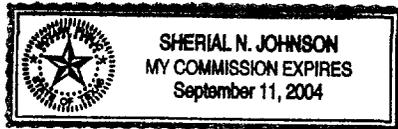
County of HARRIS

The foregoing instrument was acknowledged before me by Wm. C. IRONS,
ATTORNEY IN FACT of OXY USA INC. this 9th
day of MAY, 2001.

Witness my hand and official seal.

Sherial N. Johnson
Notary Public

My Commission Expires:
9-11-04



State of _____ (CORPORATE)

County of _____

The foregoing instrument was acknowledged before me by _____,
_____ of _____ this _____
day of _____.

Witness my hand and official seal.

Notary Public

My Commission Expires:

State of _____ (INDIVIDUAL)

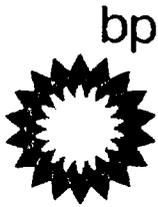
County of _____

The foregoing instrument was acknowledged before me by _____,
_____ of _____ this _____
day of _____.

Witness my hand and official seal.

Notary Public

My Commission Expires:



BP America Inc.
Mid Continent Business Unit
P O Box 3092
Houston, Texas 77253-3092

501 Westlake Park Boulevard
Houston, Texas 77079

David G. Peterson
Supervisor, Land Negotiations
Phone: 281.366.3295
Fax: 281.366.7584

January 29, 2001

RECEIVED
FEB 01 2001
ANS 0.....

Oxy Permian
P.O. Box 4294
Houston, Texas 77210-4294
Attention: Mr. Alan Schwartz

Re: Change of Operator Ballots
Bravo Dome Carbon Dioxide Gas Unit

Dear Alan:

As discussed in my e-mail last week, enclosed are original change of operator ballots from the following companies:

1. Amerada Hess
2. Beard Oil Company
3. Robert O. Clark
4. Richard S. Coon
5. Cross Timbers Oil Company

We will forward all other ballots as we receive them.

Sincerely,

A handwritten signature in cursive script that reads "David Peterson".

David G. Peterson

**OXY USA INC.
5 Greenway Plaza, Suite 2400
Houston, Texas 77046-0504**

December 4, 2000

Amoco Production Company
501 WestLake Park Boulevard
Houston, Texas 77079

Reference is made to that certain Exchange Agreement dated October 17, 2000 by and between Amoco Production Company ("Amoco") and OXY USA Inc. ("OXY") (the "Exchange Agreement"). Capitalized terms used herein and not otherwise defined shall have the meanings given such terms in the Exchange Agreement.

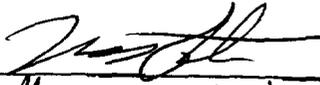
Under Article 12.1 of the Exchange Agreement, Amoco was obligated to take such actions as were necessary to (i) send ballots to the other working interest owners in the Bravo Dome CO₂ Gas Unit in order to cause a vote for operator thereof to occur prior to (but conditioned upon) Closing, (ii) resign as operator of such Unit effective immediately upon Closing, and (iii) vote for OXY as successor operator conditioned upon Closing. The parties acknowledge that the period of time allowed under the Unit Operating Agreement for voting by ballot has not yet passed. For this reason, there may be some question as to whether Amoco remains as operator of such Unit until such ballots are returned, the time for returning the same has expired, or OXY is elected operator.

The parties desire by this letter to acknowledge that even if Amoco is considered operator of the Unit under the applicable operating agreement, OXY shall act as its contract operator until such time that OXY or any other party is elected as operator pursuant to the applicable operating agreement. Amoco shall have no right to charge any overhead or other amounts to OXY or the other working interest owners as operator of the Unit except on OXY's behalf and, instead, any such amounts chargeable by the operator of the Unit or due to the operator, under the applicable operating agreement shall be charged by or paid to OXY directly or if received by Amoco then paid to OXY. This letter shall not act to reduce any amount due Amoco under the Transition Agreement.

HOU03:735938.1

Please acknowledge your agreement with the matters set forth herein.

OXY USA INC.

By: 
Name: Michael L. Proston
Title: Vice President

Accepted and Agreed to by:

AMOCO PRODUCTION COMPANY

By: 
Name: Gary Chipman
Title: Attorney in Fact

398959_1.DOC

HOU03:735938.1



Amoco Production Company
A Part of the BP Amoco Group
Mid Continent Business Unit
P O Box 3092
Houston, Texas 77253-3092

501 Westlake Park Boulevard
Houston, Texas 77079

David G. Peterson
Supervisor, Land Negotiations
Phone: 281.366.3295
Fax: 281.366.7584

Via Facsimile or Express Mail

December 1, 2000

Amerada Hess Corporation
P.O. Box 2040
Houston, TX, 77252-2040
Attention: Gas Revenue

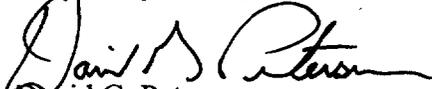
Bravo Dome Carbon Dioxide Gas Unit
Union, Harding and Quay Counties, New Mexico

Dear Working Interest Owner:

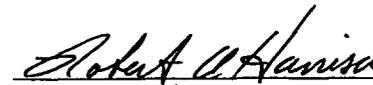
Please be advised that Amoco Production Company ("Amoco") has agreed to convey all of its right, title and interest in the Bravo Dome Carbon Dioxide Gas Unit (the "Unit") to OXY USA Inc. ("OXY"). Closing is scheduled to occur December 4, 2000. As such, contingent and effective immediately upon closing (and no earlier) of the transfer of its interest in the Unit, Amoco resigns as Unit Operator. Further, Amoco proposes and votes to select OXY as the successor Unit Operator, effective upon closing. Please indicate your concurrence with the selection of OXY as the successor Unit Operator in the space provided below and return this letter to me at the letterhead address. Your earliest response would be greatly appreciated.

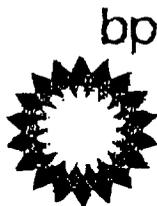
If you have any questions please call the undersigned at 281-366-3295.

Very Truly Yours,


David G. Peterson

Amerada Hess Corporation hereby votes in favor of OXY USA Inc. as successor Unit Operator:

By:  
Name: Robert A. Harrison 
Title: Manager, Permian Business Unit



Amoco Production Company
A Part of the BP Amoco Group
Mid Continent Business Unit
P O Box 3092
Houston, Texas 77253-3092

501 Westlake Park Boulevard
Houston, Texas 77079

David G. Peterson
Supervisor, Land Negotiations
Phone: 281.366.3295
Fax: 281.366.7584

Via Facsimile or Express Mail

December 1, 2000

Beard Oil Company
5600 N. May Ave. Suite 320
Oklahoma City, Oklahoma 73112-4275

Bravo Dome Carbon Dioxide Gas Unit
Union, Harding and Quay Counties, New Mexico

Dear Working Interest Owner:

Please be advised that Amoco Production Company ("Amoco") has agreed to convey all of its right, title and interest in the Bravo Dome Carbon Dioxide Gas Unit (the "Unit") to OXY USA Inc. ("OXY"). Closing is scheduled to occur December 4, 2000. As such, contingent and effective immediately upon closing (and no earlier) of the transfer of its interest in the Unit, Amoco resigns as Unit Operator. Further, Amoco proposes and votes to select OXY as the successor Unit Operator, effective upon closing. Please indicate your concurrence with the selection of OXY as the successor Unit Operator in the space provided below and return this letter to me at the letterhead address. Your earliest response would be greatly appreciated.

If you have any questions please call the undersigned at 281-366-3295.

Very Truly Yours,

David G. Peterson

Beard Oil Company hereby votes in favor of OXY USA Inc. as successor Unit Operator:

By:

Name:

Title:

Beard Oil Co
W.M. Beard
Ch.



Amoco Production Company
A Part of the BP Amoco Group
Mid Continent Business Unit
P O Box 3092
Houston, Texas 77253-3092

501 Westlake Park Boulevard
Houston, Texas 77079

David G. Peterson
Supervisor, Land Negotiations
Phone: 281.366.3295
Fax: 281.366.7584

Via Facsimile or Express Mail

December 1, 2000

Robert O. Clark
111 Leech Court
Glasgow, KY, 42141-2223

Bravo Dome Carbon Dioxide Gas Unit
Union, Harding and Quay Counties, New Mexico

Dear Working Interest Owner:

Please be advised that Amoco Production Company ("Amoco") has agreed to convey all of its right, title and interest in the Bravo Dome Carbon Dioxide Gas Unit (the "Unit") to OXY USA Inc. ("OXY"). Closing is scheduled to occur December 4, 2000. As such, contingent and effective immediately upon closing (and no earlier) of the transfer of its interest in the Unit, Amoco resigns as Unit Operator. Further, Amoco proposes and votes to select OXY as the successor Unit Operator, effective upon closing. Please indicate your concurrence with the selection of OXY as the successor Unit Operator in the space provided below and return this letter to me at the letterhead address. Your earliest response would be greatly appreciated.

If you have any questions please call the undersigned at 281-366-3295.

Very Truly Yours,

David G. Peterson

Robert O. Clark hereby votes in favor of OXY USA Inc. as successor Unit Operator:

By:

Name:

Title:

Robert O. Clark
Robert O. Clark
Interim



Amoco Production Company
A Part of the BP Amoco Group
Mid Continent Business Unit
P O Box 3092
Houston, Texas 77253-3092

501 Westlake Park Boulevard
Houston, Texas 77079

David G. Peterson
Supervisor, Land Negotiations
Phone: 281.366.3295
Fax: 281.366.7584

Via Facsimile or Express Mail

December 1, 2000

Richard S. Coon
2322 Lakeview Dr.
Amarillo, TX, 79109-1510

Bravo Dome Carbon Dioxide Gas Unit
Union, Harding and Quay Counties, New Mexico

Dear Working Interest Owner:

Please be advised that Amoco Production Company ("Amoco") has agreed to convey all of its right, title and interest in the Bravo Dome Carbon Dioxide Gas Unit (the "Unit") to OXY USA Inc. ("OXY"). Closing is scheduled to occur December 4, 2000. As such, contingent and effective immediately upon closing (and no earlier) of the transfer of its interest in the Unit, Amoco resigns as Unit Operator. Further, Amoco proposes and votes to select OXY as the successor Unit Operator, effective upon closing. Please indicate your concurrence with the selection of OXY as the successor Unit Operator in the space provided below and return this letter to me at the letterhead address. Your earliest response would be greatly appreciated.

If you have any questions please call the undersigned at 281-366-3295.

Very Truly Yours,

David G. Peterson

Richard S. Coon hereby votes in favor of OXY USA Inc. as successor Unit Operator:

By: Richard Coon
Name: Richard Coon
Title: _____



Amoco Production Company
A Part of the BP Amoco Group
Mid Continent Business Unit
P O Box 3092
Houston, Texas 77253-3092

501 Westlake Park Boulevard
Houston, Texas 77079

David G. Peterson
Supervisor, Land Negotiations
Phone: 281.366.3295
Fax: 281.366.7584

Via Facsimile or Express Mail

December 1, 2000

RECEIVED DEC 05 2000

Cross Timbers Oil Company
135 S. Lasalle St. Department 4849
Chicago, IL, 60674-4849

Bravo Dome Carbon Dioxide Gas Unit
Union, Harding and Quay Counties, New Mexico

Dear Working Interest Owner:

Please be advised that Amoco Production Company ("Amoco") has agreed to convey all of its right, title and interest in the Bravo Dome Carbon Dioxide Gas Unit (the "Unit") to OXY USA Inc. ("OXY"). Closing is scheduled to occur December 4, 2000. As such, contingent and effective immediately upon closing (and no earlier) of the transfer of its interest in the Unit, Amoco resigns as Unit Operator. Further, Amoco proposes and votes to select OXY as the successor Unit Operator, effective upon closing. Please indicate your concurrence with the selection of OXY as the successor Unit Operator in the space provided below and return this letter to me at the letterhead address. Your earliest response would be greatly appreciated.

If you have any questions please call the undersigned at 281-366-3295.

Very Truly Yours,

David G. Peterson

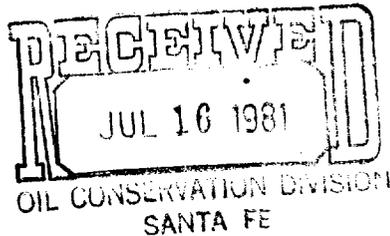
Cross Timbers Oil Company hereby votes in favor of OXY USA Inc. as successor Unit Operator:

By:

Name:

Title:

Edwin S. Ryan, Jr.
EDWIN S. RYAN, JR.
Vice President - Land



Amoco Production Company

Houston Region
500 Jefferson Building
Post Office Box 3092
Houston, Texas 77001

Bruce A. Landis, Jr
Regional Unitization
Superintendent

6967

June 29, 1981

File: BAL-416-2059

Re: Recorded Ratifications
Bravo Dome Carbon Dioxide Gas Unit
Union, Harding and Quay Counties, New Mexico

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

Dear Mr. Commissioner:

This has reference to our letter of November 11, 1980, File: BAL-416-5016, Re: Application for Approval, Bravo Dome Carbon Dioxide Gas Unit, Union, Harding and Quay Counties, New Mexico, and subsequent letters transmitting copies of ratifications before filing for record.

Attached are copies of ratifications with the recording information which have now been recorded in their respective counties. The ratifications are furnished for your permanent files:

<u>Name</u>	<u>County</u>	<u>Tracts</u>	<u>Lessee</u>
John A. Allen Jr. & Violet M. Allen	Union	215 & 216	Amerada-Hess
Eugene C. Blakealey & Gracie B. Blakealey	Union	215 & 216	Amerada-Hess
Mineola Butler	Quay	430	Amoco
George Denton	Quay	786 1154	Texas Pacific Exxon

Commissioner of Public Lands
June 29, 1981
Page Two

<u>Name</u>	<u>County</u>	<u>Tracts</u>	<u>Lessee</u>
Earl W. Hardy & Maude F. Hardy	Union	215 & 216	Amerada-Hess
Guy Patterson	Quay	472	Amoco
Cleo E. Rock	Quay Union	498 794	Amoco Amoco
Patricia Cridland Sherwood	Union	817	Exxon
Mrs. Ione Strickland	Quay Union	430	Amoco
Floyd A. Wright & Naomi B. Wright	Union	152	Amoco

Yours very truly,

Original
Signed By: Bruce A. Landis, [Signature]

BRF/fp

Attachments

cc: Mr. Joe Ramey - Oil Conservation Division ✓



Amoco Production Company

Houston Region
500 Jefferson Building
Post Office Box 3092
Houston, Texas 77001

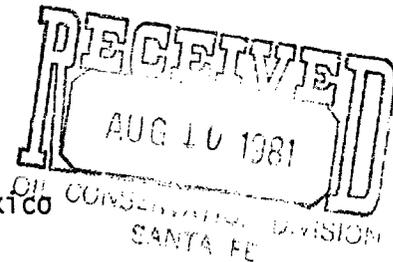
Bruce A. Landis, Jr
Regional Unitization
Superintendent

6967

August 6, 1981

File: BAL-416-3510

Re: Application for Approval
Bravo Dome Carbon Dioxide Gas Unit
Union, Harding, and Quay Counties, New Mexico



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

Dear Mr. Commissioner:

This has reference to our letter of February 24, 1981, File: BAL-416-940, Re: Application for Approval, Bravo Dome Carbon Dioxide Gas Unit, Union, Harding, and Quay Counties, New Mexico.

Attached are copies of additional ratifications with recording information executed by the following royalty owners:

NAME	COUNTY	TRACTS	LESSEE
Macia A. Hacker	Quay, Union	430	Amoco
Goldie Lile	Quay, Union	430	Amoco
L. J. Lile	Quay, Union	430	Amoco
Clarence W. Lile	Quay, Union	430	Amoco
Anita Rogers Kamperman	Union 89	249, 250, 918 919, 920, 921, 922	Exxon
Pan Mutual Royalties, Inc.	Union	249	Exxon

Commissioner of Public Lands
BAL-416-3510
Page Two

The originals have been recorded in their respective counties. The attached copies are for your permanent files.

Yours very truly,

Original
Signed By **Bruce A. Landis, Jr.**

BRF/fp

Attachments

cc: Mr. Joe Ramey ✓
Oil Conservation Division



RECEIVED
OCT 31 1980
OIL CONSERVATION DIVISION
SANTA FE

Amoco Production Company

Houston Region
500 Jefferson Building
Post Office Box 3092
Houston, Texas 77001

Bruce A. Landis, Jr.
Regional Utilization
Superintendent

October 28, 1980

File: BAL-416-5001

Re: Application for Approval
Bravo Dome Carbon Dioxide Gas Unit
Union, Harding and Quay Counties
New Mexico

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

Attention: Mr. Ray D. Graham

Dear Mr. Commissioner:

This has reference to our letter of October 20, 1980, File: BAL-416-3292,
Re: Application for Approval, Bravo Dome Carbon Dioxide Gas Unit, Union,
Harding and Quay Counties, New Mexico.

Attached are copies of additional ratifications and/or consent agreements
received subsequent to our letter. After the originals have been re-
corded, we will furnish you a copy of such ratifications and/or consent
agreements with recordation date for your permanent files.

Very truly yours,

Original
Signed By **Bruce A. Landis, Jr.**

Chairman, Working Interest Owners' Committee
Bravo Dome Carbon Dioxide Gas Unit

BRF/pem

Attachments

cc: Mr. Joe Ramey
Oil Conservation Division

RATIFICATIONS (COPIES) SENT

Everett Ellis
Lorene Hall
J.B. Kimble Ranch, Inc.
Edward Leon Miller
Lee R. McDavid
Mosquero Municipal Schools Board of Ed.
Surry Odell Roberts
Estate of Harrison Elliott Sanford
Clifford Sivyer
Joe L. Hauser
Anselmo Sanchez



**Sun Exploration and
Production Company**
Campbell Centre II
8150 North Central Expy
Post Office Box 2880
Dallas Texas 75221
214 739 9100

December 3, 1982

Re: Bravo Dome Carbon Dioxide Gas Unit Agreement Ratifications of
Rozann Zurick, Rosa Lee Zurick Britt, Johnie Jane Zurick Labrier,
John W. Zurick and Lilly T. Zurick
Union and Harding Counties, New Mexico

Alex J. Armijo
Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87501

Attn: Mr. Joe D. Ramey

Gentlemen:

Sun Exploration and Production Company, formerly named Sun Oil Company (Delaware), as a working interest owner in the Bravo Dome Carbon Dioxide Gas Unit submits this opposition to the approval of the above referenced Ratifications of the Unit Agreement and the subsequent inclusion of the leases involved in the Bravo Dome Carbon Dioxide Gas Unit. Copies of the ratifications opposed by Sun are included for reference.

Sun objects to the acceptance of the ratifications and the inclusion of the leases in the Unit because such an act would not protect the correlative rights and is not in the best interest of the working interest and royalty owners of the Bravo Dome Unit.

Sun, therefore, respectfully requests that it be granted a hearing on this matter and be given an opportunity to present its specific objections to the ratifications. Please contact us if you desire more detailed information concerning this matter.

Very truly yours,

J. T. Power
Area Manager, Conservation

JTP:bd

cc: Mr. James Gillham
Conservation Division
U.S. Geological Survey
Box 26124
Albuquerque, NM 87125

Mr. L. R. Smith
Manager, Enhanced Oil Recovery
Amoco Production Company (USA)
P.O. Box 3092
Houston, TX 77001

LG2/EB111

WHEREAS, THE UNDERSIGNED OWNER (WHETHER ONE OR MORE) OF ROYALTY INTERESTS HEREBY ACKNOWLEDGES RECEIPT OF A TRUE COPY OF THE "UNIT AGREEMENT, BRAVO DOME CARBON DIOXIDE GAS UNIT", DATED APRIL 9, 1979, RECORDED IN VOLUME 48, PAGE 1 ET SEQ., MISC. RECORDS, UNION COUNTY, NEW MEXICO; VOLUME 9, PAGE 357 ET SEQ., OIL AND GAS RECORDS, HARDING COUNTY, NEW MEXICO; AND IN VOLUME 66, PAGE 363 ET SEQ., MISC. RECORDS, QUAY COUNTY, NEW MEXICO, HERINAFTER REFERRED TO AS THE UNIT AGREEMENT; AND

WHEREAS, SAID UNIT AGREEMENT BECAME EFFECTIVE IN ACCORDANCE WITH ITS TERMS AT 7 A.M. ON NOVEMBER 1, 1980, WITH RESPECT TO ALL OF THE TRACTS IDENTIFIED IN CERTIFICATE OF REVISED EXHIBITS AND FIRST REVISION OF EXHIBITS A, B, AND C, ATTACHED THERETO AND RECORDED IN BOOK 50, PAGE 1 ET SEQ., MISC. RECORDS, UNION COUNTY, NEW MEXICO; BOOK 10, PAGE 600 ET SEQ., OIL AND GAS RECORDS, HARDING COUNTY, NEW MEXICO; AND BOOK 67, PAGE 361 ET SEQ., MISC. RECORDS, QUAY COUNTY, NEW MEXICO; AND

WHEREAS, THE UNDERSIGNED REPRESENTS THAT IT IS A ROYALTY OWNER AS DEFINED IN SAID UNIT AGREEMENT, IN ONE OR MORE OF THE TRACTS IDENTIFIED BY SAID EXHIBITS;

NOW, THEREFORE, THE UNDERSIGNED OWNER OF ROYALTY INTERESTS DESIRES TO AND DOES HEREBY RATIFY AND CONFIRM SAID UNIT AGREEMENT WITH RESPECT TO ALL OF ITS INTEREST IN ALL OF THE TRACTS IDENTIFIED BY SAID EXHIBITS;

IN WITNESS WHEREOF, EACH OF THE UNDERSIGNED PARTIES HAS EXECUTED THIS INSTRUMENT ON THE DATE SET FORTH BELOW OPPOSITE ITS SIGNATURE

DATE: _____ (SIGN HERE) Rozann Zurick
DATE: _____
ATTEST: _____ BY: _____
ASSISTANT SECRETARY ITS: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF New Mexico
COUNTY OF Union

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Rozann Zurick, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE (OR SHE) EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 20th DAY OF September, 1982.

David A. Hernandez
NOTARY PUBLIC IN AND FOR
Hallon COUNTY, N.M.

(INDIVIDUAL ACKNOWLEDGEMENT - FOR MARRIED WOMAN)

STATE OF _____
COUNTY OF _____

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____ WIFE OF _____ KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND HAVING BEEN EXAMINED BY ME PRIVATELY AND APART FROM HER HUSBAND, AND HAVING THE SAME FULLY EXPLAINED TO HER, SHE, THE SAID WIFE, ACKNOWLEDGED SUCH INSTRUMENT TO BE HER ACT AND DEED AND DECLARED THAT SHE HAD WILLINGLY SIGNED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED AND IN THE CAPACITIES THEREIN STATED, AND THAT SHE DID NOT WISH TO RETRACT IT.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS _____ DAY OF _____, 19_____.

NOTARY PUBLIC IN AND FOR

COUNTY, _____

(CORPORATE ACKNOWLEDGEMENT)

STATE OF _____
COUNTY OF _____

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____, KNOWN TO ME TO BE THE PERSON WHO EXECUTED THE FOREGOING INSTRUMENT AS _____ OF _____, AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED; AS THE ACT AND DEED OF SAID CORPORATION, AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS _____ DAY OF _____, 19_____.

NOTARY PUBLIC IN AND FOR

COUNTY, _____

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, THE UNDERSIGNED OWNER (WHETHER ONE OR MORE) OF ROYALTY INTERESTS HEREBY ACKNOWLEDGES RECEIPT OF A TRUE COPY OF THE "UNIT AGREEMENT, BRAVO DOME CARBON DIOXIDE GAS UNIT", DATED APRIL 9, 1979, RECORDED IN VOLUME 48, PAGE 1 ET SEQ., MISC. RECORDS, UNION COUNTY, NEW MEXICO; VOLUME 9, PAGE 337 ET SEQ., OIL AND GAS RECORDS, HARDING COUNTY, NEW MEXICO; AND IN VOLUME 66, PAGE 363 ET SEQ., MISC. RECORDS, QUAY COUNTY, NEW MEXICO, HEREINAFTER REFERRED TO AS THE UNIT AGREEMENT; AND

WHEREAS, SAID UNIT AGREEMENT BECAME EFFECTIVE IN ACCORDANCE WITH ITS TERMS AT 7 A.M. ON NOVEMBER 1, 1980, WITH RESPECT TO ALL OF THE TRACTS IDENTIFIED IN CERTIFICATE OF REVISED EXHIBITS AND FIRST REVISION OF EXHIBITS A, B, AND C, ATTACHED THERETO AND RECORDED IN BOOK 50, PAGE 1 ET SEQ., MISC. RECORDS, UNION COUNTY, NEW MEXICO; BOOK 10, PAGE 603 ET SEQ., OIL AND GAS RECORDS, HARDING COUNTY, NEW MEXICO; AND BOOK 67, PAGE 361 ET SEQ., MISC. RECORDS, QUAY COUNTY, NEW MEXICO; AND

WHEREAS, THE UNDERSIGNED REPRESENTS THAT IT IS A ROYALTY OWNER AS DEFINED IN SAID UNIT AGREEMENT, IN ONE OR MORE OF THE TRACTS IDENTIFIED BY SAID EXHIBITS,

NOW, THEREFORE, THE UNDERSIGNED OWNER OF ROYALTY INTERESTS DESIRES TO AND DOES HEREBY RATIFY AND CONFIRM SAID UNIT AGREEMENT WITH RESPECT TO ALL OF ITS INTEREST IN ALL OF THE TRACTS IDENTIFIED BY SAID EXHIBITS;

IN WITNESS WHEREOF, EACH OF THE UNDERSIGNED PARTIES HAS EXECUTED THIS INSTRUMENT ON THE DATE SET FORTH BELOW OPPOSITE ITS SIGNATURE

DATE: _____ (SIGN HERE) Rosa Lee Zurick Britz
DATE: _____ Rosa Lee Zurick Britz
ATTEST: _____ BY: _____
ASSISTANT SECRETARY ITS: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF New Mexico
COUNTY OF Union

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Rosa Lee Zurick Britz ^{A married woman} KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE (OR SHE) EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 20th DAY OF September, 1982.
Rosa Lee Zurick
NOTARY PUBLIC IN AND FOR
Union COUNTY, N.M.

(INDIVIDUAL ACKNOWLEDGEMENT - FOR MARRIED WOMAN)

STATE OF _____
COUNTY OF _____

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____ WIFE OF _____ KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND HAVING BEEN EXAMINED BY ME PRIVATELY AND APART FROM HER HUSBAND, AND HAVING THE SAME FULLY EXPLAINED TO HER, SHE, THE SAID WIFE, ACKNOWLEDGED SUCH INSTRUMENT TO BE HER ACT AND DEED AND DECLARED THAT SHE HAD WILLINGLY SIGNED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED AND IN THE CAPACITIES THEREIN STATED, AND THAT SHE DID NOT WISH TO RETRACT IT.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS _____ DAY OF _____, 19____.

NOTARY PUBLIC IN AND FOR

COUNTY, _____

(CORPORATE ACKNOWLEDGEMENT)

STATE OF _____
COUNTY OF _____

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____, KNOWN TO ME TO BE THE PERSON WHO EXECUTED THE FOREGOING INSTRUMENT AS _____ OF _____, AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED; AS THE ACT AND DEED OF SAID CORPORATION, AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS _____ DAY OF _____, 19____.

NOTARY PUBLIC IN AND FOR

COUNTY, _____

WHEREAS, THE UNDERSIGNED OWNER (WHETHER ONE OR MORE) OF ROYALTY INTERESTS HEREBY ACKNOWLEDGES RECEIPT OF A TRUE COPY OF

"UNIT AGREEMENT, BRAVO DOME CARBON DIOXIDE GAS UNIT", DATED APRIL 9, 1979, RECORDED IN VOLUME 48, PAGE 1 ET SEQ., MISC. RECORDS, UNION COUNTY, NEW MEXICO; VOLUME 9, PAGE 337 ET SEQ., OIL AND GAS RECORDS, HARDING COUNTY, NEW MEXICO; AND IN 66, PAGE 363 ET SEQ., MISC. RECORDS, QUAY COUNTY, NEW MEXICO, HEREINAFTER REFERRED TO AS THE UNIT AGREEMENT; AND

WHEREAS, SAID UNIT AGREEMENT BECAME EFFECTIVE IN ACCORDANCE WITH ITS TERMS AT 7 A.M. ON NOVEMBER 1, 1980, WITH RESPECT ALL OF THE TRACTS IDENTIFIED IN CERTIFICATE OF REVISED EXHIBITS AND FIRST REVISION OF EXHIBITS A, B, AND C, ATTACHED THE AND RECORDED IN BOOK 50, PAGE 1 ET SEQ., MISC. RECORDS, UNION COUNTY, NEW MEXICO; BOOK 10, PAGE 600 ET SEQ., OIL AND GAS HARDING COUNTY, NEW MEXICO; AND BOOK 67, PAGE 361 ET SEQ., MISC. RECORDS, QUAY COUNTY, NEW MEXICO; AND

WHEREAS, THE UNDERSIGNED REPRESENTS THAT IT IS A ROYALTY OWNER AS DEFINED IN SAID UNIT AGREEMENT, IN ONE OR MORE OF THE IDENTIFIED BY SAID EXHIBITS;

NOW, THEREFORE, THE UNDERSIGNED OWNER OF ROYALTY INTERESTS DESIRES TO AND DOES HEREBY RATIFY AND CONFIRM SAID UNIT AGREEMENT RESPECT TO ALL OF ITS INTEREST IN ALL OF THE TRACTS IDENTIFIED BY SAID EXHIBITS;

IN WITNESS WHEREOF, EACH OF THE UNDERSIGNED PARTIES HAS EXECUTED THIS INSTRUMENT ON THE DATE SET FORTH BELOW IMMEDIATELY AT

DATE: _____ (SIGN HERE) _____
DATE: _____
ATTEST: _____ BY: Johnie (Jane) Zurick Labrier
ASSISTANT SECRETARY ITS: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF New Mexico
COUNTY OF Union

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Johnie Jane Zurick Labrier KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE (OR SHE) EXECUTED THE ACT AND DEED FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 20th DAY OF September, 1982.

Loise M. Brown
NOTARY PUBLIC IN AND FOR
Union COUNTY, N.M.

(INDIVIDUAL ACKNOWLEDGEMENT - FOR MARRIED WOMAN)

STATE OF _____
COUNTY OF _____

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____ WIFE OF _____ KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND HAVING BEEN EXAMINED BY ME PRIVATELY APART FROM HER HUSBAND, AND HAVING THE SAME FULLY EXPLAINED TO HER, SHE, THE SAID WIFE, ACKNOWLEDGED SUCH INSTRUMENT TO ME TO BE THE ACT AND DEED AND DECLARED THAT SHE HAD WILLINGLY SIGNED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED AND IN THE CAPACITIES THEREIN STATED, AND THAT SHE DID NOT WISH TO RETRACT IT.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS _____ DAY OF _____, 19_____.

NOTARY PUBLIC IN AND FOR

COUNTY, _____

(CORPORATE ACKNOWLEDGEMENT)

STATE OF _____
COUNTY OF _____

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____, KNOWN TO ME TO BE THE PERSON WHO EXECUTED THE FOREGOING INSTRUMENT AS _____ OF _____, AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED; AS THE ACT AND DEED OF SAID CORPORATION AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS _____ DAY OF _____, 19_____.

NOTARY PUBLIC IN AND FOR

COUNTY, _____

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, THE UNDERSIGNED OWNER (WHETHER ONE OR MORE) OF ROYALTY INTERESTS HEREBY ACKNOWLEDGES RECEIPT OF A TRUE COPY OF THE "UNIT AGREEMENT, BRAVO DOME CARBON DIOXIDE GAS UNIT", DATED APRIL 9, 1979, RECORDED IN VOLUME 48, PAGE 1 ET SEQ., MISC. RECORDS, UNION COUNTY, NEW MEXICO; VOLUME 9, PAGE 337 ET SEQ., OIL AND GAS RECORDS, HARDING COUNTY, NEW MEXICO; AND IN VOLUME 66, PAGE 363 ET SEQ., MISC. RECORDS, QUAY COUNTY, NEW MEXICO, HEREINAFTER REFERRED TO AS THE UNIT AGREEMENT; AND

WHEREAS, SAID UNIT AGREEMENT BECAME EFFECTIVE IN ACCORDANCE WITH ITS TERMS AT 7 A.M. ON NOVEMBER 1, 1980, WITH RESPECT TO ALL OF THE TRACTS IDENTIFIED IN CERTIFICATE OF REVISED EXHIBITS AND FIRST REVISION OF EXHIBITS A, B, AND C, ATTACHED THERETO AND RECORDED IN BOOK 50, PAGE 1 ET SEQ., MISC. RECORDS, UNION COUNTY, NEW MEXICO; BOOK 10, PAGE 600 ET SEQ., OIL AND GAS RECORDS, HARDING COUNTY, NEW MEXICO; AND BOOK 67, PAGE 361 ET SEQ., MISC. RECORDS, QUAY COUNTY, NEW MEXICO; AND

WHEREAS, THE UNDERSIGNED REPRESENTS THAT IT IS A ROYALTY OWNER AS DEFINED IN SAID UNIT AGREEMENT, IN ONE OR MORE OF THE TRACTS IDENTIFIED BY SAID EXHIBITS;

NOW, THEREFORE, THE UNDERSIGNED OWNER OF ROYALTY INTERESTS DESIRES TO AND DOES HEREBY RATIFY AND CONFIRM SAID UNIT AGREEMENT WITH RESPECT TO ALL OF ITS INTEREST IN ALL OF THE TRACTS IDENTIFIED BY SAID EXHIBITS;

IN WITNESS WHEREOF, EACH OF THE UNDERSIGNED PARTIES HAS EXECUTED THIS INSTRUMENT ON THE DATE SET FORTH BELOW OPPOSITE ITS SIGNATURE.

DATE: _____ (SIGN HERE) _____
DATE: _____
ATTEST: _____ BY: _____
ASSISTANT SECRETARY _____ ITS: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF New Mexico
COUNTY OF Union

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED John W. Zurick and Lily T. Zurick KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE (OR SHE) EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 20th DAY OF September, 1982.

NOTARY PUBLIC IN AND FOR
Union COUNTY, N.M.

(INDIVIDUAL ACKNOWLEDGEMENT - FOR MARRIED WOMAN)

STATE OF New Mexico
COUNTY OF Union

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Lily T. Zurick WIFE OF John W. Zurick KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND HAVING BEEN EXAMINED BY ME PRIVILY AND APART FROM HER HUSBAND, AND HAVING THE SAME FULLY EXPLAINED TO HER, SHE, THE SAID WIFE, ACKNOWLEDGED SUCH INSTRUMENT TO BE HER ACT AND DEED AND DECLARED THAT SHE HAD WILLINGLY SIGNED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED AND IN THE CAPACITIES THEREIN STATED, AND THAT SHE DID NOT WISH TO RETRACT IT.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 20th DAY OF September, 1982.

NOTARY PUBLIC IN AND FOR
Union COUNTY, N.M.

(CORPORATE ACKNOWLEDGEMENT)

STATE OF _____
COUNTY OF _____

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____, KNOWN TO ME TO BE THE PERSON WHO EXECUTED THE FOREGOING INSTRUMENT AS _____ OF _____, AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED; AS THE ACT AND DEED OF SAID CORPORATION, AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS _____ DAY OF _____, 19____.

NOTARY PUBLIC IN AND FOR
COUNTY



Finney

Amoco Production Company (USA)

Houston Region-West
501 WestLake Park Boulevard
Post Office Box 3092
Houston, Texas 77253

West Texas-Eastern
New Mexico Division

L. R. Smith
Manager, Enhanced
Oil Recovery

December 22, 1982

File: LRS-416-5057

Re: Bravo Dome Carbon Dioxide Gas Unit Agreement
Ratifications of Various Zurick Leases
Union and Harding Counties, New Mexico

Mr. J. T. Power
Area Manager, Conservation
Sun Exploration and Production Company
P. O. Box 2880
Dallas, TX 75221

Dear Mr. Power:

With reference to your letter of December 3, 1982 to Alex J. Armijo, New Mexico Commissioner of Public Lands, and Mr. Joe D. Ramey, Director of the Oil Conservation Division, on the captioned subject we fail to see the relevance of requesting Commission hearings on these royalty owner ratifications. By this letter I will summarize the underlying facts bearing on this issue.

The working interest with respect to the subject leases has been and is a part of the Bravo Dome CO₂ Gas Unit. At the working interest owner meeting held on July 19, 1980 these leases were accepted into the unit as tracts 848 and 849 in response to a request by Texas Pacific Oil Company who then held the leases. Thus, ever since the unit became effective these leases have been included in the unit and in all pertinent exhibits which summarize working interest status to the Unit Agreement. There can be no question that the working interest for these leases was included in the unit as originally approved by appropriate state authorities.

As stated in my letter to Bruce L. Welborn dated December 2, 1982 it is Amoco's view that there was no title failure subject to Article 13.4 of the unit operating agreement. The reassignment of these leases to CO₂-In-Action was a contractual matter between the two parties and the

Mr. J. T. Power
December 22, 1982
Page 2

royalty interest owners ratified the unit agreement on September 30, 1982 prior to the date of any lease expiration. Article 9.2 of the unit agreement provides for addition of royalty interest subsequent to the effective date of the unit which must be approved by the working interest owners and by the Commissioner. Amoco as unit operator has not yet requested such approval for any of the ratifications received since the effective date. Our plans have been to seek all these approvals at one time before the unit begins production and to revise the exhibits to the unit agreement at that time.

As expressed previously, any disagreement between Sun and CO₂-In-Action regarding lease title is a matter to be properly resolved between Sun and CO₂-In-Action. However, Amoco in its capacity as unit operator will submit the royalty interest ratifications as recorded to the Commissioner of Public Lands and will seek approval of all such additions to the unit including these leases prior to initiation of production. In our view the interests associated with these leases rightfully belong in the unit and we see no basis for a hearing.

Very truly yours,



/rmb
651/S

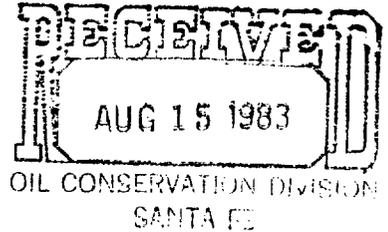
cc: Mr. Alex J. Armijo, State of New Mexico
Mr. Joe Ramey, Oil Conservation, State of New Mexico
Mr. James Gillham, U.S. Geological Survey
Mr. David Cooper, Vice President, Land, CO₂-In-Action



Amoco Production Company (USA)

Houston Region—West
501 WestLake Park Boulevard
Post Office Box 3092
Houston, Texas 77253

L. R. Smith
Manager, Enhanced
Oil Recovery



August 10, 1983

File: BAL-416-2442

Re: Bravo Dome CO₂ Gas Unit
Union, Harding & Quay Counties, N.M.

Commissioner of Public Lands
Box 1148
Santa Fe, NM 87501

Attn: Mr. Ray Graham, Director
Oil and Gas Department

Our letter of June 13, 1982, File BAL-416-876, requested your approval to enlarge the Bravo Dome unit to include newly leased lands within the outer unit boundary and your approval of the joinder of additional royalty owners. Please let me know the status of this application.

Yours very truly,

RMA/mec

cc: ✓ Mr. Joe D. Ramey
Oil Conservation Division
Box 2088
Santa Fe, NM 87501



Amoco Production Company (USA)

Houston Region—West
501 WestLake Park Boulevard
Post Office Box 3092
Houston, Texas 77253

L. R. Smith
Manager, Enhanced
Oil Recovery

August 10, 1983

File: BAL-416-2442

Re: Bravo Dome CO₂ Gas Unit
Union, Harding & Quay Counties, N.M.

Commissioner of Public Lands
Box 1148
Santa Fe, NM 87501

Attn: Mr. Ray Graham, Director
Oil and Gas Department

Our letter of June 13, 1982, File BAL-416-876, requested your approval to enlarge the Bravo Dome unit to include newly leased lands within the outer unit boundary and your approval of the joinder of additional royalty owners. Please let me know the status of this application.

Yours very truly,

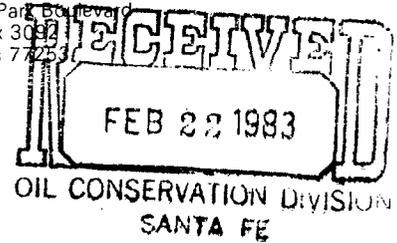
RMA/mec

cc: Mr. Joe D. Ramey
Oil Conservation Division
Box 2088
Santa Fe, NM 87501



Amoco Production Company (USA)

Houston Region
501 West Lake Park Boulevard
Post Office Box 3092
Houston, Texas 77253



Bruce A. Landis, Jr.
Regional Unitization
Superintendent

February 15, 1983

File: BAL-416-855

Re: Application for Approval
Bravo Dome Carbon Dioxide Gas Unit
Union, Harding and Quay Counties, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 2148
Sante Fe, NM 87501

Dear Mr. Commissioner:

This has reference to our letter of October 7, 1980, File: BAL-416-3292,
Re: Application for Approval, Bravo Dome Carbon Dioxide Gas Unit,
Union, Hardin and Quay Counties, New Mexico.

Attached are copies of additional ratifications executed by the following
royalty owners:

<u>Name</u>	<u>County</u>	<u>Tracts</u>	<u>Leasee</u>
George P. Beller and Patricia C. Beller	Harding	626, 627, 1147, 1171, 1172, 1173	Exxon
Charlene P. Cole	Harding	552-B	Amoco
Lillian Van Blarcom	Union	312-B	Amoco
George P. Whittenburg II and Ann B. Whittenburg	Union	444, 445, 842	
L. P. McKee Whittenburg	Union	444, 445, 842	
J. Burkhart Whittenburg and Carol S. Whittenburg	Union	444, 445, 842	

Commissioner of Public Lands
State of New Mexico
February 15, 1983
Page 2

<u>Name</u>	<u>County</u>	<u>Tracts</u>	<u>Leasee</u>
Joe D. Whittenburg Jr. and Debbie F. Whittenburg	Union	444, 445, 842	
Wanda J. Whittenburg	Union	444, 445, 842	
Jerry Lockhart and Lois Lockhart	Union	444, 445, 842	
Roy R. Whittenburg Jr.	Union	444, 445, 842	

The originals have been recorded in the appropriate counties in New Mexico.
The attached copies are for your permanent files.

Yours very truly,

Original
Signed By **Bruce A. Landa, Jr.**

BRF/nmp
464/B

Attachments

cc: Mr. Joe Ramey - Oil Conservation Division

RATIFICATION OF AGREEMENT ENTITLED
"UNIT AGREEMENT
BRAVO DOME CARBON DIOXIDE GAS UNIT
UNION, HARDING, AND QUAY COUNTIES, NEW MEXICO"

8156
RECEIVED
FEB 22 1983
OIL CONSERVATION DIVISION
SANTA FE

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, THE UNDERSIGNED OWNER (WHETHER ONE OR MORE) OF ROYALTY INTERESTS HEREBY ACKNOWLEDGES RECEIPT OF A TRUE COPY OF THE "UNIT AGREEMENT, BRAVO DOME CARBON DIOXIDE GAS UNIT", DATED APRIL 9, 1979, RECORDED IN VOLUME 48, PAGE 1 ET SEQ., OIL AND GAS RECORDS, UNION COUNTY, NEW MEXICO; VOLUME 9, PAGE 337 ET SEQ., OIL AND GAS RECORDS, HARDING COUNTY, NEW MEXICO; AND IN VOLUME 66, PAGE 363 ET SEQ., Misc. RECORDS, QUAY COUNTY, NEW MEXICO, HERINAFTER REFERRED TO AS THE UNIT AGREEMENT; AND

WHEREAS, SAID UNIT AGREEMENT BECAME EFFECTIVE IN ACCORDANCE WITH ITS TERMS AT 7 A.M. ON NOVEMBER 1, 1980, WITH RESPECT TO ALL OF THE TRACTS IDENTIFIED IN CERTIFICATE OF REVISED EXHIBITS AND FIRST REVISION OF EXHIBITS A, B, AND C, ATTACHED THERETO AND RECORDED IN BOOK 50, PAGE 1 ET SEQ., Misc. RECORDS, UNION COUNTY, NEW MEXICO; BOOK 10, PAGE 600 ET SEQ., OIL AND GAS RECORDS, HARDING COUNTY, NEW MEXICO; AND BOOK 67, PAGE 361 ET SEQ., Misc. RECORDS, QUAY COUNTY, NEW MEXICO; AND

WHEREAS, THE UNDERSIGNED REPRESENTS THAT IT IS A ROYALTY OWNER AS DEFINED IN SAID UNIT AGREEMENT, IN ONE OR MORE OF THE TRACTS IDENTIFIED BY SAID EXHIBITS;

NOW, THEREFORE, THE UNDERSIGNED OWNER OF ROYALTY INTERESTS DESIRES TO AND DOES HEREBY RATIFY AND CONFIRM SAID UNIT AGREEMENT WITH RESPECT TO ALL OF ITS INTEREST IN ALL OF THE TRACTS IDENTIFIED BY SAID EXHIBITS;

IN WITNESS WHEREOF, EACH OF THE UNDERSIGNED PARTIES HAS EXECUTED THIS INSTRUMENT ON THE DATE SET FORTH BELOW OPPOSITE ITS SIGNATURE.

DATE: May 11, 1981 (SIGN HERE) George P. Beller
DATE: May 29, 1981
ATTEST: _____ BY: Patricia C. Beller
ASSISTANT SECRETARY ITS: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED GEORGE P. BELLER, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE (OR SHE) EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 11th DAY OF MAY, 1981.

My Commission Expires
August 8, 1981

Linda Carter
NOTARY PUBLIC IN AND FOR
BERNALILLO COUNTY, NEW MEXICO

(INDIVIDUAL ACKNOWLEDGEMENT - FOR MARRIED WOMAN)

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED PATRICIA C. BELLER WIFE OF GEORGE P. BELLER KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND HAVING BEEN EXAMINED BY ME PRIVILY AND APART FROM HER HUSBAND, AND HAVING THE SAME FULLY EXPLAINED TO HER, SHE, THE SAID WIFE, ACKNOWLEDGED SUCH INSTRUMENT TO BE HER ACT AND DEED AND DECLARED THAT SHE HAD WILLINGLY SIGNED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED AND IN THE CAPACITIES THEREIN STATED, AND THAT SHE DID NOT WISH TO RETRACT IT.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 22nd DAY OF MAY, 1981.

My Commission Expires
August 8, 1981

Linda Carter
NOTARY PUBLIC IN AND FOR
BERNALILLO COUNTY, NEW MEXICO

(CORPORATE ACKNOWLEDGEMENT)

STATE OF _____
COUNTY OF _____

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____, KNOWN TO ME TO BE THE PERSON WHO EXECUTED THE FOREGOING INSTRUMENT AS _____ OF _____, AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED; AS THE ACT AND DEED OF SAID CORPORATION, AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS _____ DAY OF _____, 19____.

NOTARY PUBLIC IN AND FOR

COUNTY, _____

Handwritten notes: 44-... 626, 627, 1147, 1171 12, 1173

I # 8156 - 878 I

State of New Mexico }
County of Harding }



This instrument was filed for record on this
10th day of Jan. A. D. 1983
At 10:35 o'clock A..M., and duly recorded in
Book 12 of O + G page 877-878
Mary Alice Cordova County Clerk
by Julie Martinez Deputy



RECEIVED
FEB 22 1983

8184-881

OIL CONSERVATION DIVISION
SANTA FE

Lease Dated May 29, 1982

Between Charlene P. Cole
and Amoco Production Company, Lessee



State of New Mexico }
County of Harding }

This instrument was filed for record on this
19 day of Jan A. D. 1983

At 3:10 o'clock P.M., and duly recorded in
Book 12 of O & G page 887

Mary Alice Cadava County Clerk

By Julie Mathie Deputy

Lessor's Consent to
Bravo Dome Carbon Dioxide
Gas Unit Agreement

Pursuant to Article 7 of the referenced Lease, I hereby formally
express my consent to the Bravo Dome Carbon Dioxide Gas Unit
Agreement and any plan of development or operation contemplated
therein.

Charlene P. Cole

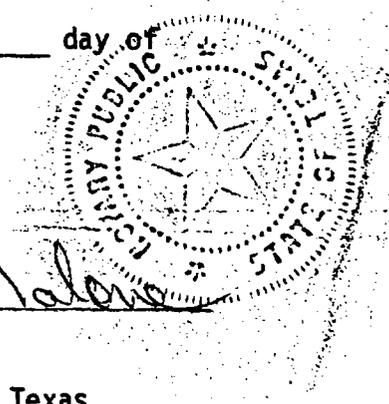
Lessor

Lessor

SUBSCRIBED AND SWORN TO before me this 28th day of
September, 1982.

Joe Malone

Notary Public
Harris County, Texas



My Commission Expires:

October 15, 1984

LPN-340812-E-

Harding County
T-550 B - 1

UNIT AGREEMENT ENTITLED
"UNIT AGREEMENT"
BRAVO DOME CARBON DIOXIDE GAS UNIT
UNION, HARDING, AND QUAY COUNTIES, NEW MEXICO"

RECEIVED
FEB 22 1983

OIL CONSERVATION DIVISION

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, THE UNDERSIGNED OWNER (WHETHER ONE OR MORE) OF ROYALTY INTERESTS HEREBY ACKNOWLEDGES RECEIPT OF A TRUE COPY OF THE "UNIT AGREEMENT, BRAVO DOME CARBON DIOXIDE GAS UNIT", DATED APRIL 9, 1979, RECORDED IN VOLUME 48, PAGE 1 ET SEQ., MISC. RECORDS, UNION COUNTY, NEW MEXICO; VOLUME 9, PAGE 337 ET SEQ., OIL AND GAS RECORDS, HARDING COUNTY, NEW MEXICO; AND IN VOLUME 66, PAGE 363 ET SEQ., MISC. RECORDS, QUAY COUNTY, NEW MEXICO, HEREINAFTER REFERRED TO AS THE UNIT AGREEMENT; AND

WHEREAS, SAID UNIT AGREEMENT BECAME EFFECTIVE IN ACCORDANCE WITH ITS TERMS AT 7 A.M. ON NOVEMBER 1, 1980, WITH RESPECT TO ALL OF THE TRACTS IDENTIFIED IN CERTIFICATE OF REVISED EXHIBITS AND FIRST REVISION OF EXHIBITS A, B, AND C, ATTACHED THERETO AND RECORDED IN BOOK 50, PAGE 1 ET SEQ., MISC. RECORDS, UNION COUNTY, NEW MEXICO; BOOK 10, PAGE 600 ET SEQ., OIL AND GAS RECORDS, HARDING COUNTY, NEW MEXICO; AND BOOK 67, PAGE 361 ET SEQ., MISC. RECORDS, QUAY COUNTY, NEW MEXICO; AND

WHEREAS, THE UNDERSIGNED REPRESENTS THAT IT IS A ROYALTY OWNER AS DEFINED IN SAID UNIT AGREEMENT, IN ONE OR MORE OF THE TRACTS IDENTIFIED BY SAID EXHIBITS;

NOW, THEREFORE, THE UNDERSIGNED OWNER OF ROYALTY INTERESTS DESIRES TO AND DOES HEREBY RATIFY AND CONFIRM SAID UNIT AGREEMENT WITH RESPECT TO ALL OF ITS INTEREST IN ALL OF THE TRACTS IDENTIFIED BY SAID EXHIBITS;

IN WITNESS WHEREOF, EACH OF THE UNDERSIGNED PARTIES HAS EXECUTED THIS INSTRUMENT ON THE DATE SET FORTH BELOW OPPOSITE ITS SIGNATURE.

DATE: 8-23-82 (SIGN HERE) Lillian Van Blarcom
DATE: _____ BY: _____
ATTEST: _____ ITS: _____
ASSISTANT SECRETARY

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF California
COUNTY OF Los Angeles

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Lillian Van Blarcom, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE (OR SHE) EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 23rd DAY OF August, 1982.



AUDREY J. SPEAKMAN
NOTARY PUBLIC - CALIFORNIA
LOS ANGELES COUNTY
My comm. expires OCT 16, 1984

Audrey J. Speakman
NOTARY PUBLIC IN AND FOR
Los Angeles COUNTY, AUDREY J. SPEAKMAN

(INDIVIDUAL ACKNOWLEDGEMENT - FOR MARRIED WOMAN)

STATE OF _____
COUNTY OF _____

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____ WIFE OF _____ KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND HAVING BEEN EXAMINED BY ME PRIVILY AND APART FROM HER HUSBAND, AND HAVING THE SAME FULLY EXPLAINED TO HER, SHE, THE SAID WIFE, ACKNOWLEDGED SUCH INSTRUMENT TO BE HER ACT AND DEED AND DECLARED THAT SHE HAD WILLINGLY SIGNED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED AND IN THE CAPACITIES THEREIN STATED, AND THAT SHE DID NOT WISH TO RETRACT IT.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS _____ DAY OF _____, 19____.

NOTARY PUBLIC IN AND FOR

COUNTY, _____

(CORPORATE ACKNOWLEDGEMENT)

STATE OF _____
COUNTY OF _____

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____, KNOWN TO ME TO BE THE PERSON WHO EXECUTED THE FOREGOING INSTRUMENT AS _____ OF _____, AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED; AS THE ACT AND DEED OF SAID CORPORATION, AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS _____ DAY OF _____, 19____.

NOTARY PUBLIC IN AND FOR

COUNTY, _____

Union
P.O. A

Misc. BOOK 55

PAGE 326-327 UNION CO., N. M.,

FILED FOR RECORD

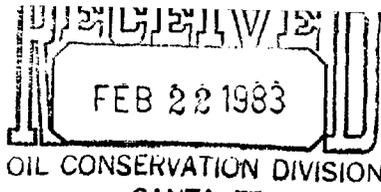
Jan. 17 1983 AT 3:03 P. M.

Allen Wetzel Union Co. Clerk

By: Genevieve Dean-Deputy
Recorder



RATIFICATION OF AGREEMENTS ENTITLED
"UNIT AGREEMENT" AND "UNIT OPERATING AGREEMENT"
BRAVO DOME CARBON DIOXIDE GAS UNIT
UNION, HARDING, AND QUAY COUNTIES, NEW MEXICO



KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned owner (whether one or more) of royalty interests hereby acknowledges receipt of a true copy of the Unit Agreement, Bravo Dome Carbon Dioxide Gas Unit, dated April 9, 1979, recorded in Volume 48, Page 1 et seq., Misc. Records, Union County, New Mexico; Volume 9, Page 337 et seq., Oil and Gas Records, Harding County, New Mexico; and in Volume 66, Page 363 et seq., Misc. Records, Quay County, New Mexico, hereinafter referred to as the Unit Agreement; and the undersigned owner (whether one or more) of working interests hereby acknowledges receipt of a true copy of said Unit Agreement, and a true copy of the "Unit Operating Agreement, Bravo Dome Carbon Dioxide Gas Unit," dated April 9, 1979, hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, said Unit Agreement became effective in accordance with its terms at 7 a.m. on November 1, 1980, with respect to all of the Tracts identified in Certificate of Revised Exhibits and First Revision of Exhibits A, B, and C, attached thereto and recorded in Book 50, Page 1 et seq., Misc. Records, Union County, New Mexico; Book 10, Page 600 et seq., Oil and Gas Records, Harding County, New Mexico, and Book 67, Page 361 et seq., Misc. Records, Quay County, New Mexico; and

WHEREAS, the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits.

NOW, THEREFORE, the undersigned owner of royalty interests only desires to and does hereby ratify and confirm said Unit Agreement and the undersigned owner of working interests only or the owner of both working interests and royalty interests desires to and does hereby ratify and confirm said Unit Agreement and said Unit Operating Agreement, with respect to all of its interest in all of the Tracts identified by said Exhibits.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth below, opposite its signature.

DATE: December 22, 1982

(SIGN HERE)

DATE: _____

ATTEST: _____

By: _____

Its: _____

Assistant Secretary

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF TEXAS

COUNTY OF POTTER

BEFORE ME, the undersigned authority, on this day personally appeared Roy R. Whittenburg, Jr. known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 23rd day of December, 19 82.



ADELE THOMPSON
My Commission Expires
March 26, 1984

NOTARY PUBLIC in and for
the State of Texas

(INDIVIDUAL ACKNOWLEDGEMENT - FOR MARRIED WOMAN)

STATE OF _____

COUNTY OF _____

BEFORE ME, the undersigned authority, on this day personally appeared _____ WIFE of _____ known to me to be the person whose name is subscribed to the foregoing instrument, and having been examined by me privily and apart from her husband, and having the same fully explained to her, the SAID WIFE, acknowledged such instrument to be her act and deed and declared that she had willingly signed the same for the purposes and consideration therein expressed and in the capacities therein stated, and that she did not wish to retract it.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 19 _____.

NOTARY PUBLIC in and for
County, _____

(CORPORATE ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

BEFORE ME, the undersigned authority, on this day personally appeared _____ known to me to be the person who executed the foregoing instrument as _____ of _____ and acknowledged to me that he executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 19 _____.

NOTARY PUBLIC in and for
County, _____

Misc BOOK 55
 PAGE 316-317 UNION CO., N. M.
 FILED FOR RECORD
Jan 10 1923 AT 3:44 P.
Alvin Wetsel Union Co. Clerk
County Clerk Recorder



RATIFICATION OF AGREEMENTS ENTITLED
"UNIT AGREEMENT" AND "UNIT OPERATING AGREEMENT"
BRAVO DOME CARBON DIOXIDE GAS UNIT
UNION, HARDING, AND QUAY COUNTIES, NEW MEXICO

SANTA FE
FEB 22 1983
OIL CONSERVATION DIVISION

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned owner (whether one or more) of royalty interests hereby acknowledges receipt of a true copy of the "Unit Agreement, Bravo Dome Carbon Dioxide Gas Unit," dated April 9, 1979, recorded in Volume 48, Page 1 et seq., Misc. Records, Union County, New Mexico; Volume 9, Page 337 et seq., Oil and Gas Records, Harding County, New Mexico; and in Volume 66, Page 363 et seq., Misc. Records, Quay County, New Mexico, hereinafter referred to as the Unit Agreement; and the undersigned owner (whether one or more) of working interests hereby acknowledges receipt of a true copy of said Unit Agreement, and a true copy of the "Unit Operating Agreement, Bravo Dome Carbon Dioxide Gas Unit," dated April 9, 1979, hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, said Unit Agreement became effective in accordance with its terms at 7 a.m. on November 3, 1980, with respect to all of the Tracts identified in Certificate of Revised Exhibits and First Revision of Exhibits A, B, and C, attached thereto and recorded in Book 50, Page 1 et seq., Misc. Records, Union County, New Mexico; Book 10, Page 600 et seq., Oil and Gas Records, Harding County, New Mexico, and Book 67, Page 361 et seq., Misc. Records, Quay County, New Mexico; and

WHEREAS, the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits.

NOW, THEREFORE, the undersigned owner of royalty interests only desires to and does hereby ratify and confirm said Unit Agreement and the undersigned owner of working interests only or the owner of both working interests and royalty interests desires to and does hereby ratify and confirm said Unit Agreement and said Unit Operating Agreement, with respect to all of its interest in all of the Tracts identified by said Exhibits.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth below opposite its signature

DATE: December 22, 1982 (SIGN HERE) George A. Whittenburg, II

DATE: December 22, 1982 Ann B. Whittenburg

ATTEST: _____ By: _____

Assistant Secretary _____ Its: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF TEXAS

COUNTY OF POTTER

George A. Whittenburg, II and
Ann B. Whittenburg

BEFORE ME, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he (or she) they executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 23rd day of December, 19 82.



ADELE THOMPSON
My Commission Expires
March 26, 1984

Adele Thompson
NOTARY PUBLIC in and for

the State of Texas

(INDIVIDUAL ACKNOWLEDGEMENT - FOR MARRIED WOMAN)

STATE OF _____

COUNTY OF _____

BEFORE ME, the undersigned authority, on this day personally appeared _____ WIFE of _____, known to me to be the person whose name is subscribed to the foregoing instrument, and having been examined by me privily and apart from her husband, and having the same fully explained to her, the SAID WIFE, acknowledged such instrument to be her act and deed and declared that she had willingly signed the same for the purposes and consideration therein expressed and in the capacities therein stated, and that she did not wish to retract it.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 19 _____.

NOTARY PUBLIC in and for

County, _____

(CORPORATE ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person who executed the foregoing instrument as _____ of _____, and acknowledged to me that he executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 19 _____.

NOTARY PUBLIC in and for

County, _____

Miss BOOK 55
PAGE 304-305 UNION CO., N. M.,

FILED FOR RECORD
Jan 10 1383 AT 3:32 P.M.

Alvin Watson Union Co. Clerk
County Clerk Recorder



RATIFICATION OF AGREEMENTS ENTITLED
"UNIT AGREEMENT" AND "UNIT OPERATING AGREEMENT"
BRAVO DOME CARBON DIOXIDE GAS UNIT
UNION, HARDING, AND QUAY COUNTIES, NEW MEXICO

FEB 22 1983
OIL CONSERVATION DIVISION

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned owner (whether one or more) of royalty interests hereby acknowledges receipt of a true copy of the Unit Agreement, Bravo Dome Carbon Dioxide Gas Unit, dated April 9, 1979, recorded in Volume 48, Page 1 et seq., Misc. Records, Union County, New Mexico; Volume 9, Page 337 et seq., Oil and Gas Records, Harding County, New Mexico; and in Volume 66, Page 363 et seq., Misc. Records, Quay County, New Mexico, hereinafter referred to as the Unit Agreement; and the undersigned owner (whether one or more) of working interests hereby acknowledges receipt of a true copy of said Unit Agreement, and a true copy of the "Unit Operating Agreement, Bravo Dome Carbon Dioxide Gas Unit," dated April 9, 1979, hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, said Unit Agreement became effective in accordance with its terms at 7 a.m. on November 1, 1980, with respect to all of the Tracts identified in Certificate of Revised Exhibits and First Revision of Exhibits A, B, and C, attached thereto and recorded in Book 50, Page 1 et seq., Misc. Records, Union County, New Mexico; Book 10, Page 600 et seq., Oil and Gas Records, Harding County, New Mexico, and Book 67, Page 361 et seq., Misc. Records, Quay County, New Mexico; and

WHEREAS, the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits.

NOW, THEREFORE, the undersigned owner of royalty interests only desires to and does hereby ratify and confirm said Unit Agreement and the undersigned owner of working interests only or the owner of both working interests and royalty interests desires to and does hereby ratify and confirm said Unit Agreement and said Unit Operating Agreement, with respect to all of its interest in all of the Tracts identified by said Exhibits.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth below opposite its signature

DATE: December 22, 1982 (SIGN HERE) L. P. McKee Whittenburg

DATE: _____

ATTEST: _____ By: _____

Assistant Secretary _____ Its: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF TEXAS

COUNTY OF POTTER

BEFORE ME, the undersigned authority, on this day personally appeared L. P. McKee Whittenburg known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 23rd day of December, 1982.



ADELE THOMPSON
My Commission Expires
March 26, 1984

Adele Thompson
NOTARY PUBLIC in and for

the State of Texas

(INDIVIDUAL ACKNOWLEDGEMENT - FOR MARRIED WOMAN)

STATE OF _____

COUNTY OF _____

BEFORE ME, the undersigned authority, on this day personally appeared _____ WIFE of _____, known to me to be the person whose name is subscribed to the foregoing instrument, and having been examined by me privily and apart from her husband, and having the same fully explained to her, the SAID WIFE, acknowledged such instrument to be her act and deed and declared that she had willingly signed the same for the purposes and consideration therein expressed and in the capacities therein stated, and that she did not wish to retract it.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 19_____.

NOTARY PUBLIC in and for
County, _____

(CORPORATE ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person who executed the foregoing instrument as _____ of _____, and acknowledged to me that he executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 19_____.

NOTARY PUBLIC in and for
County, _____

Miss BOOK 55
PAGE 306-307 UNION CO., N. M.

FILED FOR RECORD

Jan 10 1983 AT 3:34 P.M.

Alex Wetsel Union Co. Clerk
County Clerk
~~Recorder~~



RATIFICATION OF AGREEMENTS ENTITLED
"UNIT AGREEMENT" AND "UNIT OPERATING AGREEMENT"
BRAVO DOME CARBON DIOXIDE GAS UNIT
UNION, HARDING, AND QUAY COUNTIES, NEW MEXICO

RECEIVED
FEB 22 1983
OIL CONSERVATION DIVISION

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned owner (whether one or more) of royalty interests hereby acknowledges receipt of a true copy of the "Unit Agreement, Bravo Dome Carbon Dioxide Gas Unit," dated April 9, 1979, recorded in Volume 48, Page 1 et seq., Misc. Records, Union County, New Mexico; Volume 9, Page 337 et seq., Oil and Gas Records, Harding County, New Mexico; and in Volume 66, Page 363 et seq., Misc. Records, Quay County, New Mexico, hereinafter referred to as the Unit Agreement; and the undersigned owner (whether one or more) of working interests hereby acknowledges receipt of a true copy of said Unit Agreement, and a true copy of the "Unit Operating Agreement, Bravo Dome Carbon Dioxide Gas Unit," dated April 9, 1979, hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, said Unit Agreement became effective in accordance with its terms at 7 a.m. on November 1, 1980, with respect to all of the Tracts identified in Certificate of Revised Exhibits and First Revision of Exhibits A, B, and C, attached thereto and recorded in Book 50, Page 1 et seq., Misc. Records, Union County, New Mexico; Book 10, Page 600 et seq., Oil and Gas Records, Harding County, New Mexico, and Book 67, Page 361 et seq., Misc. Records, Quay County, New Mexico; and

WHEREAS, the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits.

NOW, THEREFORE, the undersigned owner of royalty interests only desires to and does hereby ratify and confirm said Unit Agreement and the undersigned owner of working interests only or the owner of both working interests and royalty interests desires to and does hereby ratify and confirm said Unit Agreement and said Unit Operating Agreement, with respect to all of its interest in all of the Tracts identified by said Exhibits.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth herein opposite its signature.

DATE: December 22, 1982

(SIGN HERE)

J. Burkhart Whittenburg
Carol S. Whittenburg

DATE: December 22, 1982

ATTEST:

By: _____

Assistant Secretary

Its: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF TEXAS

COUNTY OF POTTER

J. Burkhart Whittenburg and

BEFORE ME, the undersigned authority, on this day personally appeared Carol S. Whittenburg known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that ~~she~~ they executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 23rd day of December, 1982.



ADELE THOMPSON
My Commission Expires
March 26, 1984

Adele Thompson
NOTARY PUBLIC in and for

the State of County, Texas

(INDIVIDUAL ACKNOWLEDGEMENT - FOR MARRIED WOMAN)

STATE OF _____

COUNTY OF _____

BEFORE ME, the undersigned authority, on this day personally appeared _____ WIFE of _____ known to me to be the person whose name is subscribed to the foregoing instrument, and having been examined by me privily and apart from her husband, and having the same fully explained to her, the SAID WIFE, acknowledged such instrument to be her act and deed and declared that she had willingly signed the same for the purposes and consideration therein expressed and in the capacities therein stated, and that she did not wish to retract it.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 19_____.

NOTARY PUBLIC in and for

County, _____

(CORPORATE ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person who executed the foregoing instrument as _____ of _____ and acknowledged to me that he executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 19_____.

NOTARY PUBLIC in and for

County, _____

Miss BOOK 55
PAGE 308-309 UNION CO., N. M.,

FILED FOR RECORD
Jan 10 1983 AT 3:36 P.M.

Walter Wetsel Union Co. Clerk
County Clerk
Recorder



RATIFICATION OF AGREEMENTS ENTITLED "UNIT AGREEMENT" AND "UNIT OPERATING AGREEMENT" BRAVO DOME CARBON DIOXIDE GAS UNIT UNION, HARDING, AND QUAY COUNTIES, NEW MEXICO

FEB 22 1983 OIL CONSERVATION DIVISION

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned owner (whether one or more) of royalty interests hereby acknowledges receipt of a true copy of said Unit Agreement, Bravo Dome Carbon Dioxide Gas Unit, dated April 9, 1979, recorded in Volume 48, Page 1 et seq., Misc. Records, Union County, New Mexico; Volume 9, Page 337 et seq., Oil and Gas Records, Harding County, New Mexico; and in Volume 66, Page 363 et seq., Misc. Records, Quay County, New Mexico, hereinafter referred to as the Unit Agreement; and the undersigned owner (whether one or more) of working interests hereby acknowledges receipt of a true copy of said Unit Agreement, and a true copy of the "Unit Operating Agreement, Bravo Dome Carbon Dioxide Gas Unit," dated April 9, 1979, hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, said Unit Agreement became effective in accordance with its terms at 7 a.m. on November 1, 1980, with respect to all of the Tracts identified in Certificate of Revised Exhibits and First Revision of Exhibits A, B, and C, attached thereto and recorded in Book 30, Page 1 et seq., Misc. Records, Union County, New Mexico; Book 10, Page 600 et seq., Oil and Gas Records, Harding County, New Mexico, and Book 67, Page 361 et seq., Misc. Records, Quay County, New Mexico; and

WHEREAS, the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits.

NOW, THEREFORE, the undersigned owner of royalty interests only desires to and does hereby ratify and confirm said Unit Agreement and the undersigned owner of working interests only or the owner of both working interests and royalty interests desires to and does hereby ratify and confirm said Unit Agreement and said Unit Operating Agreement, with respect to all of its interest in all of the Tracts identified by said Exhibits.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth below opposite its signature.

DATE: December 22, 1982 (SIGN HERE) Joe D. Whittenburg, Jr.

DATE: December 22, 1982 Debbie F. Whittenburg

ATTEST: By: Assistant Secretary

Assistant Secretary

TO BE COMPLETED BY A NOTARY PUBLIC (INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF TEXAS COUNTY OF POTTER

Joe D. Whittenburg, Jr. and Debbie F. Whittenburg

BEFORE ME, the undersigned authority, on this day personally appeared known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that they executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 23rd day of December, 1982.



ADELE THOMPSON My Commission Expires March 28, 1984

Adele Thompson NOTARY PUBLIC in and for

the State of TEXAS, Texas

(INDIVIDUAL ACKNOWLEDGEMENT - FOR MARRIED WOMAN)

STATE OF COUNTY OF

BEFORE ME, the undersigned authority, on this day personally appeared of known to me to be the person whose name is subscribed to the foregoing instrument, and having been examined by me privily and apart from her husband, and having the same fully explained to her, the SAID WIFE, acknowledged such instrument to be her act and deed and declared that she had willingly signed the same for the purposes and consideration therein expressed and in the capacities therein stated, and that she did not wish to retract it.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of 19

NOTARY PUBLIC in and for County,

(CORPORATE ACKNOWLEDGEMENT)

STATE OF COUNTY OF

BEFORE ME, the undersigned authority, on this day personally appeared known to me to be the person who executed the foregoing instrument as of and acknowledged to me that he executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this day of 19

NOTARY PUBLIC in and for County,

Miss BOOK 55
PAGE 310-311 UNION CO., N. M.

FILED FOR RECORD

Jan 10 1983 AT 3:38 P. M.

Alvin Wetsel Union Co. Clerk
County Clerk
Recorder



RATIFICATION OF AGREEMENTS ENTITLED
"UNIT AGREEMENT" AND "UNIT OPERATING AGREEMENT"
BRAVO DOME CARBON DIOXIDE GAS UNIT
UNION, HARDING, AND QUAY COUNTIES, NEW MEXICO

REC'D 12/11/82
FEB 22 1983
OIL CONSERVATION DIVISION

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned owner (whether one or more) of royalty interests hereby acknowledges receipt of a true copy of the Unit Agreement, Bravo Dome Carbon Dioxide Gas Unit, dated April 9, 1979, recorded in Volume 48, Page 1 et seq., Misc. Records, Union County, New Mexico; Volume 9, Page 337 et seq., Oil and Gas Records, Harding County, New Mexico; and in Volume 66, Page 363 et seq., Misc. Records, Quay County, New Mexico, hereinafter referred to as the Unit Agreement; and the undersigned owner (whether one or more) of working interests hereby acknowledges receipt of a true copy of said Unit Agreement, and a true copy of the "Unit Operating Agreement, Bravo Dome Carbon Dioxide Gas Unit," dated April 9, 1979, hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, said Unit Agreement became effective in accordance with its terms at 7 a.m. on November 3, 1980, with respect to all of the Tracts identified in Certificate of Revised Exhibits and First Revision of Exhibits A, B, and C, attached thereto and recorded in Book 50, Page 1 et seq., Misc. Records, Union County, New Mexico; Book 10, Page 600 et seq., Oil and Gas Records, Harding County, New Mexico, and Book 67, Page 361 et seq., Misc. Records, Quay County, New Mexico; and

WHEREAS, the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits.

NOW, THEREFORE, the undersigned owner of royalty interests only desires to and does hereby ratify and confirm said Unit Agreement and the undersigned owner of working interests only or the owner of both working interests and royalty interests desires to and does hereby ratify and confirm said Unit Agreement and said Unit Operating Agreement, with respect to all of its interest in all of the Tracts identified by said Exhibits.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth below opposite its signature.

DATE: December 29, 1982 (SIGN HERE) Wanda J. Whittenburg

DATE: _____

ATTEST: _____ By: _____

Assistant Secretary _____ Its: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF TEXAS

COUNTY OF POTTER

BEFORE ME, the undersigned authority, on this day personally appeared Wanda J. Whittenburg known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that ~~she~~ she executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 23rd day of December, 19 82.



ADELE THOMPSON
My Commission Expires
March 26, 1984

Adele Thompson
NOTARY PUBLIC in and for

the State of ~~xxxxxx~~ Texas

(INDIVIDUAL ACKNOWLEDGEMENT - FOR MARRIED WOMAN)

STATE OF _____

COUNTY OF _____

BEFORE ME, the undersigned authority, on this day personally appeared _____ WIFE of _____ known to me to be the person whose name is subscribed to the foregoing instrument, and having been examined by me privily and apart from her husband, and having the same fully explained to her, the SAID WIFE, acknowledged such instrument to be her act and deed and declared that she had willingly signed the same for the purposes and consideration therein expressed and in the capacities therein stated, and that she did not wish to retract it.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 19 _____.

NOTARY PUBLIC in and for

County, _____

(CORPORATE ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person who executed the foregoing instrument as _____ of _____ and acknowledged to me that he executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 19 _____.

NOTARY PUBLIC in and for

County, _____

Misc BOOK 55
PAGE 312-313 UNION CO., N. M.,

FILED FOR RECORD
Jan 10 1983 AT 3:40 P.M.

Allen Watson Union Co. Clerk
County Clerk
Recorder



RATIFICATION OF AGREEMENTS ENTITLED
"UNIT AGREEMENT" AND "UNIT OPERATING AGREEMENT"
BRAVO DOME CARBON DIOXIDE GAS UNIT
UNION, HARDING, AND QUAY COUNTIES, NEW MEXICO

RECEIVED
FEB 22 1983
OIL CONSERVATION DIVISION

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned owner (whether one or more) of royalty interests hereby acknowledges receipt of a true copy of the Unit Agreement, Bravo Dome Carbon Dioxide Gas Unit, dated April 9, 1979, recorded in Volume 48, Page 1 et seq., Misc. Records, Union County, New Mexico; Volume 9, Page 337 et seq., Oil and Gas Records, Harding County, New Mexico; and in Volume 66, Page 343 et seq., Misc. Records, Quay County, New Mexico, hereinafter referred to as the Unit Agreement; and the undersigned owner (whether one or more) of working interests hereby acknowledges receipt of a true copy of said Unit Agreement, and a true copy of the Unit Operating Agreement, Bravo Dome Carbon Dioxide Gas Unit, dated April 9, 1979, hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, said Unit Agreement became effective in accordance with its terms at 7 a.m. on November 1, 1980; with respect to all of the Tracts identified in Certificate of Revised Exhibits and First Revision of Exhibits A, B, and C, attached thereto and recorded in Book 50, Page 1 et seq., Misc. Records, Union County, New Mexico; Book 10, Page 600 et seq., Oil and Gas Records, Harding County, New Mexico, and Book 67, Page 361 et seq., Misc. Records, Quay County, New Mexico; and

WHEREAS, the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits.

NOW, THEREFORE, the undersigned owner of royalty interests only desires to and does hereby ratify and confirm said Unit Agreement and the undersigned owner of working interests only or the owner of both working interests and royalty interests desires to and does hereby ratify and confirm said Unit Agreement and said Unit Operating Agreement, with respect to all of its interest in all of the Tracts identified by said Exhibits.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth below opposite its signature.

DATE: December 22, 1982 (SIGN HERE) Jerry Lockhart

DATE: December 22, 1982 Lois W. Lockhart

ATTEST: _____ By: _____

Assistant Secretary _____ Its: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF TEXAS

COUNTY OF POTTER

Jerry Lockhart and Lois W. Lockhart

BEFORE ME, the undersigned authority, on this day personally appeared Jerry Lockhart and Lois W. Lockhart known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that ~~he is~~ they executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 23rd day of December, 1982.



ADELE THOMPSON
My Commission Expires
March 28, 1984

Adele Thompson
NOTARY PUBLIC in and for

the State of Texas

(INDIVIDUAL ACKNOWLEDGEMENT - FOR MARRIED WOMAN)

STATE OF _____

COUNTY OF _____

BEFORE ME, the undersigned authority, on this day personally appeared _____ WIFE of _____ known to me to be the person whose name is subscribed to the foregoing instrument, and having been examined by me privily and apart from her husband, and having the same fully explained to her, the SAID WIFE, acknowledged such instrument to be her act and deed and declared that she had willingly signed the same for the purposes and consideration therein expressed and in the capacities therein stated, and that she did not wish to retract it.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 19____.

NOTARY PUBLIC in and for

County, _____

(CORPORATE ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

BEFORE ME, the undersigned authority, on this day personally appeared _____ known to me to be the person who executed the foregoing instrument as _____ of _____ and acknowledged to me that he executed the same for the purposes and consideration therein expressed; as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 19____.

NOTARY PUBLIC in and for

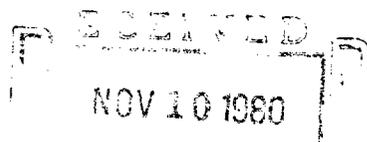
County, _____

Miss BOOK 55
PAGE 314-315 UNION CO., N. M.

FILED FOR RECORD
Jan 10 19 23 AT 3:42 P.M.

Alvin Watson Union Co. Clerk
County Clerk
Recorder





OIL COMPANY
SANTA FE
Amoco Production Company
Houston Region
500 Jefferson Building
Post Office Box 3092
Houston, Texas 77001

Bruce A. Landis, Jr
Regional Unitization
Superintendent

November 5, 1980

File: BAL-416-5010

Re: Bravo Dome Carbon Dioxide Gas Unit
Union, Harding and Quay Counties, New Mexico

Mr. Joe Ramey
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87501

Dear Mr. Ramey:

This has reference to letter dated October 14, 1980, to you from Guy T. Buell, Re: Amendment of Amoco Exhibit 11A introduced October 9, 1980, in Case No. 6967. Attached is a copy of a ratification for Jesse J. Swagerty III and Roberta S. Swagerty which has been filed for record in Union and Harding Counties, New Mexico. This ratification for Mr. Swagerty and his wife was ratified by his lessee, Texas Pacific Oil Company, Inc., by authority provided in his lease agreement, and is to be filed with other ratifications in Exhibit 11A.

The name of Richard Hammer included in the list of ratifications recorded in Harding County attached to Mr. Buell's letter of October 14, 1980, should be deleted. His name was shown in error.

With the receipt of this ratification, Exhibit 11A is complete.

Yours very truly,

BRF/pem

Attachment

cc: Richard Hammer
Guy T. Buell
City Bank Building

RATIFICATION OF AGREEMENTS ENTITLED "UNIT AGREEMENT AND "UNIT OPERATING AGREEMENT BRAVO DOME CARBON DIOXIDE GAS UNIT UNION, HARDING, AND QUAY COUNTIES, NEW MEXICO

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned owner (whether one or more) of royalty interests hereby acknowledges receipt of a true copy of the "Unit Agreement, Bravo Dome Carbon Dioxide Gas Unit", dated April 9, 1979, hereinafter referred to as the Unit Agreement, and the undersigned owner (whether one or more) of working interests hereby acknowledges receipt of a true copy of said Unit Agreement, and a true copy of the "Unit Operating Agreement Bravo Dome Carbon Dioxide Gas Unit, Union, Harding, and Quay Counties, New Mexico", dated April 9, 1979, hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, Exhibits "A" and "B" attached to said Unit Agreement, identify the tracts which may become a part of the Bravo Dome Carbon Dioxide Gas Unit initially constituted, depending upon whether such tracts qualify for inclusion therein as provided in said agreement; and

WHEREAS, the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits.

NOW, THEREFORE, the undersigned owner of royalty interests only desires to and does hereby ratify and confirm said Unit Agreement and the undersigned owner of working interests only or the owner of both working interests and royalty interests desires to and does hereby ratify and confirm said Unit Agreement and said Unit Operating Agreement, with respect to all of its interest in all of the Tracts identified by said Exhibits.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth below opposite its signature.

DATE: _____ (SIGN HERE) Texas Pacific Oil Company Inc.
DATE: August 15, 1980 (For) Jesse J. Swagerty III & Roberta S. Swagerty
By: Thomas W. Lynch
Its: Vice President
Assistant Secretary

TO BE COMPLETED BY A NOTARY PUBLIC (INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF _____
COUNTY OF _____

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he (or she) executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 19 _____.

NOTARY PUBLIC in and for _____ County, _____

(INDIVIDUAL ACKNOWLEDGEMENT - FOR MARRIED WOMAN)

STATE OF _____
COUNTY OF _____

BEFORE ME, the undersigned authority, on this day personally appeared _____ WIFE of _____, known to me to be the person whose name is subscribed to the foregoing instrument, and having been examined by me privily and apart from her husband, and having the same fully explained to her, she, the SAID WIFE, acknowledged such instrument to be her act and deed and declared that she had willingly signed the same for the purposes and consideration therein expressed and in the capacities therein stated, and that she did not wish to retract it.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 19 _____.

NOTARY PUBLIC in and for _____ County, _____

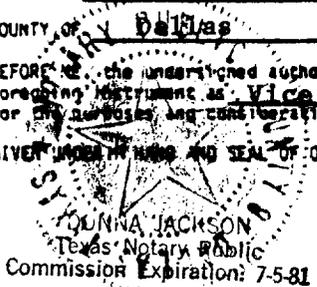
(CORPORATE ACKNOWLEDGEMENT)

STATE OF Texas
COUNTY OF Dallas

BEFORE ME, the undersigned authority, on this day personally appeared Thomas W. Lynch, known to me to be the person who executed the foregoing instrument as Vice President of Texas Pacific Oil Co., Inc., and acknowledged to me that he executed the same for the purposes and consideration therein expressed, as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 15th day of August, 1980.

NOTARY PUBLIC in and for Dallas County, Texas



Handwritten notes at the bottom of the page.

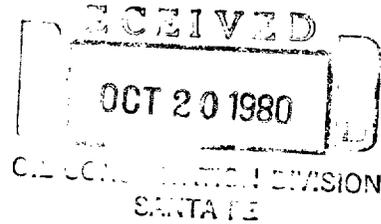
Wallace H. Scott, Jr.
Frank Douglass
Richard P. Keeton (Houston)
Frank P. Youngblood
H. Philip Whitworth, Jr.
Thomas W. Reavley
Jacks C. Nickens (Houston)
John G. Soule
Lloyd A. Broussard
John R. Hays, Jr.
R. Michael Peterson (Houston)
Ellen Elkins Grimes (Houston)
Michael M. Wilson (Houston)
Richard P. Marshall, Jr.

Law Offices
Scott, Douglass & Keeton
Twelfth Floor
City Bank Building
Austin, Texas 78701
AC 512 476-6337

Houston Office:
4400 First International Plaza
Houston, Texas 77002
713/759-1657

Page Keeton
Guy T. Buell
of Counsel
(Austin)

October 14, 1980



Mr. Joe Ramey
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

Re: Amendment of Amoco Exhibit 11A introduced
October 9, 1980 in Case No. 6967

Dear Mr. Ramey:

The above-referenced Amoco Exhibit 11A, introduced at the October 9, 1980 rehearing, supplemented and brought up to date Amoco Exhibit 11 introduced at the July 21, 1980 hearing. The first three pages of Amoco Exhibit 11A contained a list of names, by counties and attached thereto were copies of those ratifications available as of October 9, 1980. Inadvertently a phrase was included in each subheading on the first three pages that could be misinterpreted. This phrase was "from the following owners of interest." Some of the parties named as having ratified were in fact ratified by their lessees. The authority for such ratification was contained in a provision of each lease that says in part:

"Lessee is further granted the right and power to commit this lease as to all or any portion of the above described lands or horizons thereof to any unit agreement for the purpose of conserving the natural resources...."

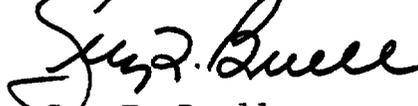
I have amended the first three pages of Amoco Exhibit 11A to delete this phrase and also to show an asterisk by the name of each lessor who was ratified by his lessee. Enclosed is a copy of the first three pages of Exhibit 11A as amended, and I request that these three pages be substituted for those pages of Exhibit 11A as introduced at the October 9, 1980 hearing.

October 14, 1980
Mr. Joe Raney
Page 2

Also enclosed are those ratifications that have been received from the respective county clerks in the interim since October 9, 1980. I request these ratifications be attached to Exhibit 11A. You will then have a copy of a ratification for all persons named in Exhibit 11A with the exception of Swagerty, Jesse J. III et ux. When this ratification is received from the county clerk, a copy will be forwarded to you and then Exhibit 11A will be complete.

By copy of this letter to you I am transmitting to each lessor who was ratified by his lessee a copy of the first three pages of Amoco Exhibit 11A, as amended, along with my most sincere apology.

Very truly yours,



Guy T. Buell

GTB/rp
Enclosures

cc: Each Lessor who was ratified by his Lessee

Mr. William Monroe Kerr
P. O. Drawer 511
Midland, Texas 79702

RATIFICATIONS RECEIVED
SINCE BRAVO DOME CARBON DIOXIDE GAS UNIT HEARING
CASE NO. 6967, JULY 21, 1980

ATTACHED HERETO ARE COPIES OF RATIFICATIONS RECEIVED BUT NOT YET RECORDED

Albach, James B. Jr. Et Ux	Johnston Trust, Eula Mae
Bannon, Margaret H.	Mock, Milton A.
Beller, Albert J. Et Ux	Richardson, Wesley L. Et Ux
Beller, Merl Et Ux	Root, Wilton Et Ux
Cantrell, Quida Ann Burns	Smithson, M.D. Et Ux
Corich, Daniel A.	Valdez, John A. Et Ux
Davis, Gerald A. Et Ux	Vigil, Gomisindo Et Ux
Gettler, Gertrude Et Vir	Wallace, Norma A.
Hogan, Raymond, A. Et Ux	

COPIES OF RATIFICATIONS RECEIVED THAT HAVE BEEN FILED FOR RECORD IN HARDING COUNTY, NEW MEXICO AT 9:30 A.M., SEPTEMBER 17, 1980, IN VOLUME 9 OF THE OIL AND GAS LEASE RECORDS, PAGES 337 THROUGH 1029

Allen, Ethel M.	*Heimann, J. Casper
Beller, Lloyd K.	*Heimann, Katherine V.
Bennett, Debra L.	*Littleton, Adelia, Owen Et Vir
Bennett, Homer D.	*Martin, Kenneth Bill Et Ux
Bennett, Joe P.	Martinez, Monica
*Burns, Dorothea	Mothershead, E.M.
Byrd, James K. Et Ux	Mothershead, William R.
*Casados, Abran, Jr. Et Ux	*Nitznski, Oneta Skinner Et Vir
*Casados, Jose A.	*Owen, Thomas E. Jr.

*THESE LESSORS WERE RATIFIED BY THEIR LESSEES BY AUTHORITY PROVIDED IN THEIR LEASE AGREEMENTS

RATIFICATIONS FILED FOR RECORD IN HARDING COUNTY, CONTINUED

*Casados, Robert S. Et Ux Cities Service Company	*Owen, Thomas E. Jr. & M.M.
*Conron, Mary Edna Owen	*Pacheco, Benito, & Joe A.
*Coon, Richard S. Coonc, Edna M.	*Padilla, Reynaldo & Lucianita
*Delambert, Agnes	*Shrum, Edith Sisters of Charity of Cincinnati Smith, Elizabeth R.
*Gallagher, Chester P. & James E.	*Swagerty, Jesse J. III Et Ux
*Gonzales, Manuel & Mary Hammer, Richard	Valdez, Robert L.
*Hazen, Billy Max Et Ux	*Womble, Terry Gay

COPIES OF RATIFICATIONS RECEIVED THAT HAVE BEEN FILED FOR RECORD IN QUAY COUNTY, NEW MEXICO AT 1:00 P.M., SEPTEMBER 17, 1980, IN THE MISCELLANEOUS RECORDS VOLUME 66, PAGES 363 THROUGH 393.

Cities Service Company	*Morrison L.C. Et Ux
*Denton, George W.	Norman, Debbie B.
*Fuson, S.R.	*Oden, Lester Et Ux
*Morrison, Douglas	*Wilson, McArthur

COPIES OF RATIFICATIONS RECEIVED THAT HAVE BEEN FILED FOR RECORD IN UNION COUNTY, NEW MEXICO AT 9:42 A.M., SEPTEMBER 17, 1980, IN THE MISCELLANEOUS RECORDS VOLUME 48, PAGES 1 THROUGH 1306

Bean, Earney L.	Lacy, Bill Et Ux
Bray, Forrest	Madden, Martha Gray Et Vir
Browder, Josephine	Madsen, Alice Harding
Campbell, Helen M.	*Mapes, F.B. Et Vir
Carmello, Paul	*Maulsby, C.E. Et Vir
Cities Service Company	Morrison, Richard R. Et Ux
*Clay, James Et Ux	Myers, Robert
*Clements, Margaret Maria Harding	*Padilla, Jose C.
Clutts, Earl	*Poteet, Calvin W. Et Ux
Clutts, Eldon	*Poteet, Curtis Et Ux
Corich, George D.	*Powell, Kenneth, Et Ux
*Davis, Doyle & June	*Red Rock Land and Cattle Co.
*Dihel, Mabel Estate	Reinhart, Derriel
Edwards, Modene	*Russell, Peggy R. Et Vir

*THESE LESSORS WERE RATIFIED BY THEIR LESSEES BY AUTHORITY PROVIDED IN THEIR LEASE AGREEMENTS

RATIFICATIONS FILED FOR RECORD IN UNION COUNTY, CONTINUED

Gaines, John M.	*Smith, Charley Et Vir
Gallagher, Chester P. & James E.	*Smith, H.R. Et Ux
Garrison, Dwight Et Ux	*Smith, Hazel B.
Getts, Jean	Snyder, Anne
Goats, Alan	Snyder, Richard S.
*Gonzales, Manuel & Mary	Spaulding, Gerald Et Ux
*Gray, Olive L.	*Swagerty, Jesse J. III Et Ux
*Grine, Joe S.	Taylor, James Et Ux
*Grine, Joe S. Jr.	Vann, Randy
Hilton, Etta	Vann, Synthia
Hilton, Lawrence Et Ux	Warren, S.E.
Hilton, Mina M.	*Whatley, Floyd Et Ux
Hilton, Norman Et Ux	*Wilder, Lee Et Ux
Hoyle, Jack Et Ux	Wisdom, Bruce E. Et Ux

*THESE LESSORS WERE RATIFIED BY THEIR LESSEES BY AUTHORITY
PROVIDED IN THEIR LEASE AGREEMENTS