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DEC 14 2004



OIL CONSERVATION  
DIVISION

State of New Mexico

Commissioner of Public Lands

310 OLD SANTA FE TRAIL

P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

PATRICK H. LYONS  
COMMISSIONER

COMMISSIONER'S OFFICE

Phone (505) 827-5760

Fax (505) 827-5766

www.nmstatelands.org

December 13, 2004

Amerada Hess Corporation  
P.O. Box 2040  
Houston, Texas 77252-2040

Attn: Mr. Eric Haas

Re: 2005 Plan of Development  
West Bravo Dome Carbon Dioxide Gas Unit  
Harding County, New Mexico

Dear Mr. Haas:

The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the unit area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS  
COMMISSIONER OF PUBLIC LANDS

BY:

JAMI BAILEY, Director  
Oil, Gas and Minerals Division  
(505) 827-5744

PL/JB/cpm  
xc: Reader File

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BLM

-State Land Office Beneficiaries -

Carrie Tingley Hospital • Charitable Penal & Reform • Common Schools • Eastern NM University • Rio Grande Improvement • Miners' Hospital of NM • NM Boys School • NM Highlands University • NM Institute of Mining & Technology • New Mexico Military Institute • NM School for the Deaf • NM School for the Visually Handicapped • NM State Hospital • New Mexico State University • Northern NM Community College • Penitentiary of New Mexico • Public Buildings at Capital • State Park Commission • University of New Mexico • UNM Saline Lands • Water Reservoirs • Western New Mexico University

AMERADA HESS CORPORATION

BLM

04 JAN -8 AM 10:45

010 ALBUQUERQUE, N.M.

December 31, 2003

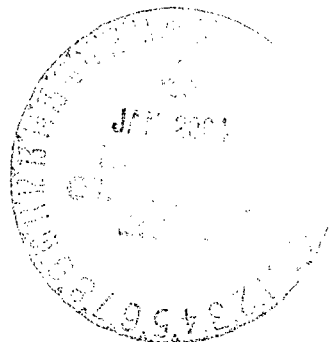
P. O. Box 2040  
Houston, Texas 77252-2040  
500 Dallas, Level 2  
Houston, Texas 77002

RECEIVED

State of New Mexico  
Commissioner of Public Lands  
P. O. Box 1148

JAN 23 2004

Santa Fe, New Mexico 87504-1148  
Attention: Director of the Oil and Gas Division  
Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505



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

RE: Proposed Plan of Development: January 1, 2004 through December 31, 2004  
West Bravo Dome Carbon Dioxide Gas Unit (WBDCDU)  
Harding County, New Mexico

Gentlemen:

With respect to the West Bravo Dome Carbon Dioxide Gas Unit and in accordance with New Mexico Oil Conservation Order Number 7707, Amerada Hess Corporation, as unit operator, hereby submits five (5) copies of the proposed Plan of Development for January 1, 2004 through December 31, 2004.

Presently, there are twenty (20) shut-in carbon dioxide (CO<sub>2</sub>) gas wells in the Unit which are capable of production. Lack of market has resulted in no CO<sub>2</sub> gas production since unitization. The Unit originally contained 50,020.78 acres consisting of 18 Federal tracts (10,743.70 acres), 27 State of New Mexico tracts (16,416.53 acres) and 69 patented tracts (22,624.65 acres). The unit was contracted effective on November 15, 1994 and now contains 34,655.33 acres consisting of 15 Federal tracts (6,834.47 acres) 24 State of New Mexico tracts (13,201.18 acres) and 46 patented tracts (14,619.68 acres).

During 2003, AHC performed lease road repairs as required under the leases within West Bravo Dome Unit.

Also, during 2003, AHC continued its assessment of the carbon dioxide demand in markets that could be supplied by the Unit and continued to review the economic viability of Unit development.

Amerada Hess Corporation proposes a Plan of Development for January 1, 2004 through December 31, 2004, to include:

- Continue to assess the economic feasibility of developing WBDCDU based on the results of the 1997 workover program.
- Continue working with power providers to bring low cost electricity into WBDCDU.
- Continue to assess regional CO<sub>2</sub> supply vs. demand and develop an appropriate strategy for marketing carbon dioxide from WBDCDU.
- Continue Unit payments which escalate at 5% yearly until the unit is connected and producing.
- Monitor and maintain the condition of existing wells in accordance with state regulations.

If there are questions regarding this proposed Plan of Development for 2003, please call John Paganis at (713) 609-4919 or the undersigned at (713) 609-5957.

Yours Truly,

AMERADA HESS CORPORATION



Eric Haas  
Manager, U.S. Exploitation & Development

cc: Mr. Brian Davis - Bureau of Land Management

APPROVED Adam Salameh  
Adam Salameh, Petroleum Engr.

Date: 1/14/04



*State of New Mexico*  
*Commissioner of Public Lands*

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

PATRICK H. LYONS  
COMMISSIONER

COMMISSIONER'S OFFICE  
Phone (505) 827-5760  
Fax (505) 827-5766  
www.nmstatelands.org

December 30, 2003

Amerada Hess Corporation  
P.O. Box 2040  
Houston, Texas 77252-2040

Attn: Mr. Robert A. Harrison

Re: 2003 Plan of Development  
West Bravo Dome Carbon Dioxide Gas Unit  
Harding County, New Mexico

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JAN 2 2004

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

Dear Mr. Harrison:

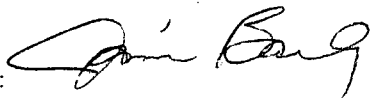
The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the unit area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS  
COMMISSIONER OF PUBLIC LANDS

BY: 

JAMI BAILEY, Director  
Oil, Gas and Minerals Division  
(505) 827-5744

PL/JB/cpm  
xc: Reader File

OCD

BLM



State of New Mexico  
Commissioner of Public Lands

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

COMMISSIONER'S OFFICE

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www.nmstate-lands.org

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PATRICK H. LYONS  
COMMISSIONER

JAN 2 2004

December 30, 2003

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

Amerada Hess Corporation  
P.O. Box 2040  
Houston, Texas 77252-2040

Attn: Mr. Robert A. Harrison

Re: 2002 Plan of Development  
West Bravo Dome Carbon Dioxide Gas Unit  
Harding County, New Mexico

Dear Mr. Harrison:

The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the unit area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS  
COMMISSIONER OF PUBLIC LANDS

BY:  
JAMI BAILEY, Director  
Oil, Gas and Minerals Division  
(505) 827-5744

PL/JB/cpm  
xc: Reader File

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PATRICK H. LYONS  
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OIL CONSERVATION  
DIVISION

State of New Mexico  
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SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760

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www.nmstatelands.org

March 22, 2004

Amerada Hess Corporation  
P.O. Box 2040  
Houston, Texas 77252-2040

Attn: Mr. Eric Haas

Re: 2004 Plan of Development  
West Bravo Dome Carbon Dioxide Gas Unit  
Harding County, New Mexico

Dear Mr. Harrison:

The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the unit area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS  
COMMISSIONER OF PUBLIC LANDS

BY: *Anthony H. Neal*  
JAMI BAILEY, Director  
Oil, Gas and Minerals Division  
(505) 827-5744

FOX

PL/JB/cpm  
xc: Reader File

OCD

BLM

File



**William F. Carr**  
wcarr@hollandhart.com

December 14, 2005

2005 DEC 14 PM 4 01

**HAND DELIVERED**

Mark E. Fesmire, P.E.  
Director  
Oil Conservation Division  
New Mexico Energy, Minerals and  
Natural Resources Department  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

Re: West Bravo Dome Carbon Dioxide Gas Unit Agreement  
Harding County, New Mexico  
2004 Plan of Development

Dear Mr. Fesmire:

Pursuant to Article 4.2 of the Unit Agreement for the Development and Operation of the West Bravo Dome Carbon Dioxide Gas Unit and Division Order No. R-7707, Amerada Hess Corporation, unit operator, hereby submits the 2006 Plan of Development.

If you have questions concerning the enclosed, please advise.

Very truly yours,

William F. Carr

WFC:keh

cc: John Paganis  
Amerada Hess Corporation

# AMERADA HESS CORPORATION

P. O. Box 2040  
Houston, Texas 77252-2040  
500 Dallas, Level 2  
Houston, Texas 77002

November 17, 2005

State of New Mexico  
Commissioner of Public Lands  
P. O. Box 1148  
Santa Fe, New Mexico 87504-1148

Attention: Director of the Oil and Gas Division

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

2005 DEC 14 PM 4 01

RE: Proposed Plan of Development: January 1, 2006 through December 31, 2006  
West Bravo Dome Carbon Dioxide Gas Unit (WBDCDU)  
Harding County, New Mexico

Gentlemen:

With respect to the West Bravo Dome Carbon Dioxide Gas Unit and in accordance with New Mexico Oil Conservation Order Number 7707, Amerada Hess Corporation, as unit operator, hereby submits five (5) copies of the proposed Plan of Development for January 1, 2006 through December 31, 2006.

Presently, there are twenty (20) shut-in carbon dioxide (CO<sub>2</sub>) gas wells in the Unit which are capable of production. Lack of available electrical power and pipeline infrastructure to gather CO<sub>2</sub> and a sustained viable market has resulted in no CO<sub>2</sub> gas production since unitization. The Unit originally contained 50,020.78 acres consisting of 18 Federal tracts (10,743.70 acres), 27 State of New Mexico tracts (16,416.53 acres) and 69 patented tracts (22,624.65 acres). The unit was contracted effective on November 15, 1994 and now contains 34,655.33 acres consisting of 15 Federal tracts (6,834.47 acres) 24 State of New Mexico tracts (13,201.18 acres) and 46 patented tracts (14,619.68 acres).

During 2005, AHC performed lease road repairs as required under the leases within West Bravo Dome Unit.

Also, during 2005, AHC continued its assessment of the carbon dioxide demand in markets that could be supplied by the Unit and continued to review the economic viability of Unit development. To further refine and update its project economics, AHC management recently authorized the expenditure of \$140,000 to perform a "Front End Engineering and Design" ("FEED") study. The FEED will identify costs and order lead times for the following project



components including, but not limited to, surface facilities, well drilling and workover costs, gathering pipelines, rights of way, compression, and third party electric lines and substations.

In addition to the FEED study, Amerada Hess Corporation proposes a Plan of Development for January 1, 2006 through December 31, 2006, which will continue:

- Working with power providers to bring low cost electricity into WBDCDU.
- Assessing regional CO<sub>2</sub> supply vs. demand and develop an appropriate strategy for marketing carbon dioxide from WBDCDU.
- Making Unit payments which escalate at 5% yearly until the unit is connected and producing.
- Monitoring and maintaining the condition of existing wells in accordance with state regulations.

If there are questions regarding this proposed Plan of Development for 2006, please call John Paganis at (713) 609-4919 or the undersigned at (713) 609-4400.

Yours Truly,

AMERADA HESS CORPORATION



Marc S. Young  
Manager, ROZ Development Project

*DMC*

cc: Mr. Brian Davis - Bureau of Land Management



January 7, 2004

2004 DEC 1 PM 4 13

**HAND DELIVERED**

Mark E. Fesmire, P.E.  
Director  
Oil Conservation Division  
New Mexico Energy, Minerals and  
Natural Resources Department  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

Re: West Bravo Dome Carbon Dioxide Gas Unit Agreement  
Harding County, New Mexico  
2004 Plan of Development

Dear Mr. Fesmire:

Pursuant to Article 4.2 of the Unit Agreement for the Development and Operation of the West Bravo Dome Carbon Dioxide Gas Unit and Division Order No. R-7707, Amerada Hess Corporation, unit operator, hereby submits the 2005 Plan of Development.

If you have questions concerning the enclosed, please advise.

Very truly yours,

William F. Carr

WFC:keh

cc: John Paganis  
Amerada Hess Corporation

# AMERADA HESS CORPORATION

P. O. Box 2040  
Houston, Texas 77252-2040  
500 Dallas, Level 2  
Houston, Texas 77002

November 17, 2004

State of New Mexico  
Commissioner of Public Lands  
P. O. Box 1148  
Santa Fe, New Mexico 87504-1148

Attention: Director of the Oil and Gas Division

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

RE: Proposed Plan of Development: January 1, 2005 through December 31, 2005  
West Bravo Dome Carbon Dioxide Gas Unit (WBDCDU)  
Harding County, New Mexico

Gentlemen:

With respect to the West Bravo Dome Carbon Dioxide Gas Unit and in accordance with New Mexico Oil Conservation Order Number 7707, Amerada Hess Corporation, as unit operator, hereby submits five (5) copies of the proposed Plan of Development for January 1, 2004 through December 31, 2004.

Presently, there are twenty (20) shut-in carbon dioxide (CO<sub>2</sub>) gas wells in the Unit which are capable of production. Lack of market has resulted in no CO<sub>2</sub> gas production since unitization. The Unit originally contained 50,020.78 acres consisting of 18 Federal tracts (10,743.70 acres), 27 State of New Mexico tracts (16,416.53 acres) and 69 patented tracts (22,624.65 acres). The unit was contracted effective on November 15, 1994 and now contains 34,655.33 acres consisting of 15 Federal tracts (6,834.47 acres) 24 State of New Mexico tracts (13,201.18 acres) and 46 patented tracts (14,619.68 acres).

During 2004, AHC performed lease road repairs as required under the leases within West Bravo Dome Unit.

Also, during 2004, AHC continued its assessment of the carbon dioxide demand in markets that could be supplied by the Unit and continued to review the economic viability of Unit development.


Amerada Hess Corporation proposes a Plan of Development for January 1, 2005 through December 31, 2005, to include:

- Continue to assess the economic feasibility of developing WBDCDU based on the results of the 1997 workover program.
- Continue working with power providers to bring low cost electricity into WBDCDU.
- Continue to assess regional CO<sub>2</sub> supply vs. demand and develop an appropriate strategy for marketing carbon dioxide from WBDCDU.
- Continue Unit payments which escalate at 5% yearly until the unit is connected and producing.
- Monitor and maintain the condition of existing wells in accordance with state regulations.

If there are questions regarding this proposed Plan of Development for 2005, please call John Paganis at (713) 609-4919 or the undersigned at (713) 609-5957.

Yours Truly,

AMERADA HESS CORPORATION



Eric Haas  
Manager, U.S. Exploitation & Development

*ONE*

cc: Mr. Brian Davis - Bureau of Land Management



January 7, 2004

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JAN - 7 2004

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

**HAND DELIVERED**

Ms. Lori Wrotenbery, Director  
Oil Conservation Division  
New Mexico Department of Energy,  
Minerals and Natural Resources  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

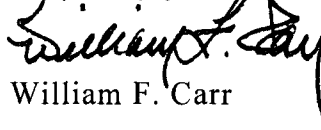
Re: West Bravo Dome Carbon Dioxide Gas Unit Agreement  
Harding County, New Mexico  
2004 Plan of Development

Dear Ms. Wrotenbery,

Pursuant to Article 4.2 of the Unit Agreement for the Development and Operation of the West Bravo Dome Carbon Dioxide Gas Unit and Division Order No. R-7707, Amerada Hess Corporation, unit operator, hereby submits the 2004 Plan of Development.

If you have questions concerning the enclosed, please advise.

Very truly yours



William F. Carr

cc: John Paganis  
Amerada Hess Corporation

# AMERADA HESS CORPORATION

P. O. Box 2040  
Houston, Texas 77252-2040  
500 Dallas, Level 2  
Houston, Texas 77002

December 31, 2003

State of New Mexico  
Commissioner of Public Lands  
P. O. Box 1148  
Santa Fe, New Mexico 87504-1148

Attention: Director of the Oil and Gas Division

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

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JAN - 7 2004

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

RE: Proposed Plan of Development: January 1, 2004 through December 31, 2004  
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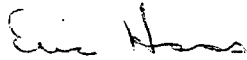
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Yours Truly,

AMERADA HESS CORPORATION



Eric Haas  
Manager, U.S. Exploitation & Development

cc: Mr. Brian Davis - Bureau of Land Management