



August 17, 2010

**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

*Case 14545*

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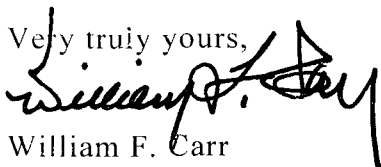
RECEIVED OCD

**Re: Application of Hess Corporation for approval of enlargement  
of the West Bravo Dome Carbon Dioxide Gas Unit, Harding  
County, New Mexico.**

Dear Mr. Fesmire:

Enclosed is the Application of Hess Corporation for approval of enlargement of the West Bravo Dome Carbon Dioxide Unit and a copy of a legal advertisement. Hess Corporation requests that this matter be advertised for the September 16, 2010 Examiner Hearing docket.

Very truly yours,

  
William F. Carr

Enclosures

cc: Mr. James S. Hughart  
Land Manager  
Hess Corporation  
500 Dallas Street  
Houston, Texas 77002

**STATE OF NEW MEXICO  
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES  
OIL CONVERSATION DIVISION**

**APPLICATION OF HESS CORPORATION FOR APPROVAL OF ENLARGEMENT OF  
THE WEST BRAVO DOME CARBON DIOXIDE GAS UNIT, HARDING COUNTY,  
NEW MEXICO.**

CASE NO. 14545

**APPLICATION**

HESS CORPORATION, through its undersigned attorneys, hereby makes application for an order approving the enlargement of the West Bravo Dome Carbon Dioxide Gas Unit and in support of this application states:

1. By Order No. R-7707 dated November 1, 1984, the Oil Conversation Division granted the application of Cities Service Oil & Gas Corporation for approval of the West Bravo Dome Carbon Dioxide Unit ("the Unit") unitizing all carbon dioxide in the Tubb formation under certain lands in Harding County, New Mexico.

2. The Unit is governed by the Unit Agreement for the Bravo Dome Carbon Dioxide Gas Unit ("the Unit Agreement") which provides for enlargement and contraction of the Unit Area.

3. The Unit Agreement provides that "The Unit Area may be enlarged from time to time to include acreage reasonably proved to be productive of Unitized Substances upon such terms as may be determined by Working Interest Owners and the owners of such acreage and upon approval by the Commissioner and the A O with regard to State and Federal lands, respectively...."

4. Pursuant to the Unit Agreement, from time to time, the Unit Areas has been enlarged (May 1, 1986) and contracted (July 14, 1995) and now contains 34,619 acres, more or less, of Federal, State and Fee lands.

5. Hess Corporation became the operator of the unit on August 1, 1994 and now seeks and order approving the enlargement of the Unit Area by adding approximately 42,331 acres of additional Federal, State and Fee lands. The unit, as it is proposed to be enlarged, will include a total of 76,949.58 gross acres, more fully described as follows:

**HARDING COUNTY, NEW MEXICO**

**TOWNSHIP 20 NORTH, RANGE 29 EAST, NMPM**

Section 21: SW/4SW/4, E/2W/2, W/2SE/4, SE/4SE/4  
Section 27: W/2SW/4, SE/4SW/4  
Section 28: S/2NE/4, NW/4NE/4, NW/4, S/2  
Section 29: S/2  
Section 30: Lots 1-4, E/2W/2, SW/4NE/4, SE/4  
Section 31: Lots 1-4, E/2W/2, E/2 (All)  
Section 32 through 33: All  
Section 34: W/2NE/4, SE/4NE/4, NW/4, S/2  
Section 35: SW/4

**TOWNSHIP 19 NORTH, RANGE 29 EAST, NMPM**

Section 1: Lot 4, SW/4NW/4, S/2  
Section 2: Lots 1-4, S2N2, S/2 (All)  
Section 3: Lots 1-4, S/2N/2, S/2 (All)  
Section 4: Lots 1-4, S/2N/2, S/2 (All)  
Section 5: Lots 1-4, S/2N/2, S/2 (All)  
Section 6: Lots 1-7, SE/4NW/4, S/2NE/4, E/2SW/4, SE/4 (All)  
Section 7: Lots 1-4, E/2W/2, E/2 (All)  
Section 8 through 17: All  
Section 18: Lots 1-4, E/2W/2, E/2 (All)  
Section 19: Lots 1-4, E/2W/2, E/2 (All)  
Section 20 through 22: All  
Section 23 through 29: All  
Section 30: Lots 1-4, E/2W/2, E/2 (All)  
Section 31: Lots 1-2, E/2W/2, E/2  
Section 32 through 36: All

**TOWNSHIP 19 NORTH, RANGE 30 EAST, NMPM**

Section 5: Lots 3, 4 S/2NW/4, SW/4  
Section 6: Lots 1-7, SE/4NW/4, S/2NE/4, SE/4SW/4, SW/4SE/4  
Section 7: Lots 1-4, E/2NW/4, W/2NE/4, SE/4NE/4, NE/4SW/4,  
NW/4SE/4, SE/4SE/4  
Section 8: N/2SW/4, SW/4SW/4  
Section 17: SW/4  
Section 18 Lots 1-4, E/2W/2, W/2NE/4, SE/4NE/4, SE/4  
Section 19: Lots 1-4, E/2W/2, E/2 (All)  
Section 20: W/2, E/2NE/4, N/2SE/4  
Section 29: W/2, SE/4  
Section 30: Lots 1-4, E/2W/2, E/2 (All)  
Section 31: Lots 1-4, E/2W/2, E/2 (All)  
Section 32: W/2, W/2E/2, SE/4NE/4, E/2SE/4  
Section 33: NW/4SW/4, SE/4NE/4, NE/4SE/4, S/2S/2  
Section 34: SW/4, W/2SE/4

**TOWNSHIP 18 NORTH, RANGE 29 EAST, NMPM**

Section 1: Lots 1-4, S/2N/2, S/2 (All)  
Section 2: Lots 1-4, S/2N/2, S/2 (All)  
Section 3: Lots 1-4, S/2N/2, S/2 (All)  
Section 4: Lots 1-4, S/2N/2, S/2 (All)  
Section 5: Lots 1-4, S/2N/2, S/2 (All)  
Section 6: Lots 1-3, S/2NE/4, SE/4NW/4, E/2SW/4, SE/4  
Section 7: E/2NW, E/2  
Section 8 through 16: All  
Section 17: W/2, NE/4, W/2SE/4, NE/4SE/4  
Section 18: E/2  
Section 19: E/2E/2  
Section 20 through 28: All  
Section 29: E/2, E/2W/2, W/2NW, NW/4SW/4  
Section 32: E/2, E/2NW/4  
Section 33 through 36: All

**TOWNSHIP 18 NORTH, RANGE 30 EAST, NMPM**

Section 3: Lots 2, 3, 4, SW/4NE/4, NW/4SE/4, S/2NW/4, SW/4  
Section 4: Lots 1-4, S/2N/2, S/2 (All)  
Section 5: Lots 1-4, S/2N/2, S/2 (All)  
Section 6: Lots 1-7, SE/4NW/4, S/2NE/4, E/2SW/4, SE/4 (All)  
Section 7: Lots 1-4, E/2W/2, E/2 (All)  
Section 8: All  
Section 9: All  
Section 10: W/2NE/4, SE/4, W/2  
Section 11: S/2  
Section 15 through 17: All  
Section 18: Lots 1-4, E/2W/2, E/2 (All)  
Section 19: Lots 1-4, E/2W/2, E/2 (All)  
Section 20 through 22: All  
Section 23: W/2W/2  
Section 25: SW/4SW/4  
Section 26: W/2NW/4, S/2S/2  
Section 27 through 29: All  
Section 30: Lots 1-4, E/2W/2, E/2 (All)  
Section 31: Lots 1-4, E/2W/2, E/2 (All)  
Section 32 through 35: All

**TOWNSHIP 17 NORTH, RANGE 29 EAST, NMPM**

Section 1: Lots 1-4, SE/4NE/4  
Section 2: Lots 1-4, SW/4NE/4, S/2NW/4  
Section 3: Lots 1-4, S/2N/2, NW/4SE/4, SW/4  
Section 4: Lots 1-4, S/2N/2, S/2 (All)  
Section 5: Lot 1, SE/4NE/4  
Section 9: NE/4NW/4

**TOWNSHIP 17 NORTH, RANGE 30 EAST, NMPM**

Section 1: W/2SW/4

Section 2: Lots 1-4, S2N/2, S/2 (All)

Section 3: Lots 1-4, SW/4NE/4, S/2NW/4, S/2

Section 4: Lots 1-4, S/2N/2, N/2S/2, S/2SW/4

Section 5: Lots 1-4, S/2N/2, SE/4, E/2SW/4

Section 6: Lots 1-7, SE/4NW/4, S/2NE/4, E/2SW/4, W/2SE/4

Section 8: N/2

Section 9: N/2, NE/4SW/4, SE/4

Section 10: All

Section 11: N/2, W/2SW/4

Section 12: W/2NW/4

Section 14: NW/4NW/4

Section 15: N/2N/2, NW/4SE/4, N/2SW/4

6. Hess Corporation, owns the working interest in the proposed enlarged Unit Area, has sufficient interest within the proposed expanded Unit Area to provide effective control of unit operations and has determined that the Unit Area should be enlarged.

7. On August 6, 2010, the Bureau of Land Management advised Hess Corporation that it concurred with the proposed enlargement of the pursuant to the terms and conditions of the West Bravo Dome Carbon Dioxide Unit Agreement.

8. On August 10, 2010, the Commissioner of Public Lands granted preliminary approval of the proposed enlargement of the West Bravo Dome Carbon Dioxide Unit Area and found that the proposed enlargement of the Unit Area (i) will tend to promote the conservation of oil and gas and the better utilization of reservoir energy, (ii) will result in the State of New Mexico receiving its fair share of the recoverable oil or gas in place under its lands and the proposed unit area, and (iii) in other respects is in the best interest of the trust.

9. All acreage in the enlarged Unit Area has been reasonably proven productive of carbon dioxide and the allocation of unitized substances to the separately owned tracts on a straight acreage basis as required by the Unit Agreement will therefore be fair, reasonable and will protect the correlative rights of all owners in the enlarged Unit Area.

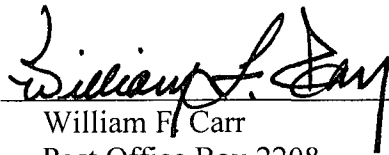
10. The proposed enlargement of the West Bravo Dome Carbon Dioxide Unit and the unitized operation and management of the enlarged Unit Area is in the best interest of conservation and the prevention of waste and the protection off correlative rights.

WHEREFORE, Hess Corporation requests that this application be set for hearing before an Examiner of the Oil Conservation Division on September 16, 2010, that notice be given as

required by law and the rules of the Division, and that the enlargement of the West Bravo Dome Carbon Dioxide Gas Unit be approved.

Respectfully submitted,  
HOLLAND & HART, LLP

By: \_\_\_\_\_

A handwritten signature in black ink, appearing to read "William F. Carr", is written over a horizontal line.

William F. Carr  
Post Office Box 2208  
Santa Fe, New Mexico 87504  
Telephone: (505) 988-4421  
ATTORNEYS FOR HESS CORPORATION

CASE NO. 14545: Application of Hess Corporation for approval of enlargement of the West Bravo Dome Carbon Dioxide Gas Unit, Harding County, New Mexico. Applicant seeks approval of the enlargement of the West Bravo Dome Carbon Dioxide Unit Area to include a total of 76,949.58 acres of Federal, State of New Mexico and Fee land located in portions of Townships 17, 18, 19 and 20 North, Range 29 and 30 East, NMPM, Harding County, New Mexico which is more particularly described as follows:

**TOWNSHIP 20 NORTH, RANGE 29 EAST, NMPM**

Section 21: SW/4SW/4, E/2W/2, W/2SE/4, SE/4SE/4  
Section 27: W/2SW/4, SE/4SW/4  
Section 28: S/2NE/4, NW/4NE/4, NW/4, S/2  
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Section 30: Lots 1-4, E/2W/2, SW/4NE/4, SE/4  
Section 31: Lots 1-4, E/2W/2, E/2 (All)  
Section 32 through 33: All  
Section 34: W/2NE/4, SE/4NE/4, NW/4, S/2  
Section 35: SW/4

**TOWNSHIP 19 NORTH, RANGE 29 EAST, NMPM**

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Section 3: Lots 1-4, S/2N/2, S/2 (All)  
Section 4: Lots 1-4, S/2N/2, S/2 (All)  
Section 5: Lots 1-4, S/2N/2, S/2 (All)  
Section 6: Lots 1-7, SE/4NW/4, S/2NE/4, E/2SW/4, SE/4 (All)  
Section 7: Lots 1-4, E/2W/2, E/2 (All)  
Section 8 through 17: All  
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Section 23 through 29: All  
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Section 31: Lots 1-2, E/2W/2, E/2  
Section 32 through 36: All

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Section 7: Lots 1-4, E/2NW/4, W/2NE/4, SE/4NE/4, NE/4SW/4, NW/4SE/4, SE/4SE/4  
Section 8: N/2SW/4, SW/4SW/4  
Section 17: SW/4  
Section 18: Lots 1-4, E/2W/2, W/2NE/4, SE/4NE/4, SE/4  
Section 19: Lots 1-4, E/2W/2, E/2 (All)  
Section 20: W/2, E/2NE/4, N/2SE/4  
Section 29: W/2, SE/4  
Section 30: Lots 1-4, E/2W/2, E/2 (All)  
Section 31: Lots 1-4, E/2W/2, E/2 (All)  
Section 32: W/2, W/2E/2, SE/4NE/4, E/2SE/4  
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Section 8: All  
Section 9: All  
Section 10: W/2NE/4, SE/4, W/2  
Section 11: S/2  
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Section 4: Lots 1-4, S/2N/2, S/2 (All)  
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Section 9: NE/4NW/4

**TOWNSHIP 17 NORTH, RANGE 30 EAST, NMPM**

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Section 3: Lots 1-4, SW/4NE/4, S/2NW/4, S/2  
Section 4: Lots 1-4, S/2N/2, N/2S/2, S/2SW/4  
Section 5: Lots 1-4, S/2N/2, SE/4, E/2SW/4  
Section 6: Lots 1-7, SE/4NW/4, S/2NE/4, E/2SW/4, W/2SE/4  
Section 8: N/2  
Section 9: N/2, NE/4SW/4, SE/4  
Section 10: All  
Section 11: N/2, W/2SW/4  
Section 12: W/2NW/4  
Section 14: NW/4NW/4  
Section 15: N/2N/2, NW/4SE/4, N/2SW/4

The West Bravo Dome Carbon Dioxide Gas Unit is located in an area that is 3 to 12 miles east of Mosquero, New Mexico.