

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-101  
August 1, 2011  
Permit 140461

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|                                                                                        |                                          |                               |
|----------------------------------------------------------------------------------------|------------------------------------------|-------------------------------|
| 1. Operator Name and Address<br>HESS CORPORATION<br>P.O. Box 840<br>Seminole, TX 79360 |                                          | 2. OGRID Number<br>495        |
|                                                                                        |                                          | 3. API Number<br>30-021-20553 |
| 4. Property Code<br>16752                                                              | 5. Property Name<br>WEST BRAVO DOME UNIT | 6. Well No.<br>142            |

**7. Surface Location**

| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County  |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|---------|
| N        | 14      | 18N      | 29E   | N       | 330       | S        | 2620      | W        | HARDING |

**8. Pool Information**

|                         |       |
|-------------------------|-------|
| WEST BRAVO DOME CO2 GAS | 96387 |
|-------------------------|-------|

**Additional Well Information**

|                          |                            |                                        |                           |                                    |
|--------------------------|----------------------------|----------------------------------------|---------------------------|------------------------------------|
| 9. Work Type<br>New Well | 10. Well Type<br>CO2       | 11. Cable/Rotary                       | 12. Lease Type<br>Private | 13. Ground Level Elevation<br>5355 |
| 14. Multiple<br>N        | 15. Proposed Depth<br>2989 | 16. Formation<br>Tubb                  | 17. Contractor            | 18. Spud Date                      |
| Depth to Ground water    |                            | Distance from nearest fresh water well |                           | Distance to nearest surface water  |

**19. Proposed Casing and Cement Program**

| Type | Hole Size | Casing Type | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 12.25     | 8.625       | 24               | 1600          | 400             | 0             |
| Prod | 7.875     | 5.5         | 15.5             | 3000          | 350             | 0             |

**Casing/Cement Program: Additional Comments**

|                   |
|-------------------|
| TOC is at surface |
|-------------------|

**Proposed Blowout Prevention Program**

| Type      | Working Pressure | Test Pressure | Manufacturer |
|-----------|------------------|---------------|--------------|
| DoubleRam | 2000             | 2000          | Shaffer      |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------|
| I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .<br>Printed Name: Electronically filed by Rita Smith<br>Title: Engineering Tech<br>Email Address: rsmith@hess.com<br>Date: 11/18/2011      Phone: 432-758-6726 | <b>OIL CONSERVATION DIVISION</b> |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Approved By: Ed Martin           |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Title: District Supervisor       |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Approved Date: 1/9/2012          | Expiration Date: 1/9/2014 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |                           |

DISTRICT I  
1885 N. French Dr., Hobbs, NM 88240

DISTRICT II  
1201 W. Grand Avenue, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1880 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised July 18, 2010  
Submit one copy to appropriate  
District Office

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

|                        |                                                             |                                      |
|------------------------|-------------------------------------------------------------|--------------------------------------|
| API Number             | Pool Code<br>96387                                          | Pool Name<br>West Bravo Dome CO2 GAS |
| Property Code<br>16752 | Property Name<br>West Bravo Dome Unit WDDGU <del>1829</del> | Well Number<br>142N                  |
| OGRIID No.<br>495      | Operator Name<br>HESS CORPORATION                           | Elevation<br>5355'                   |

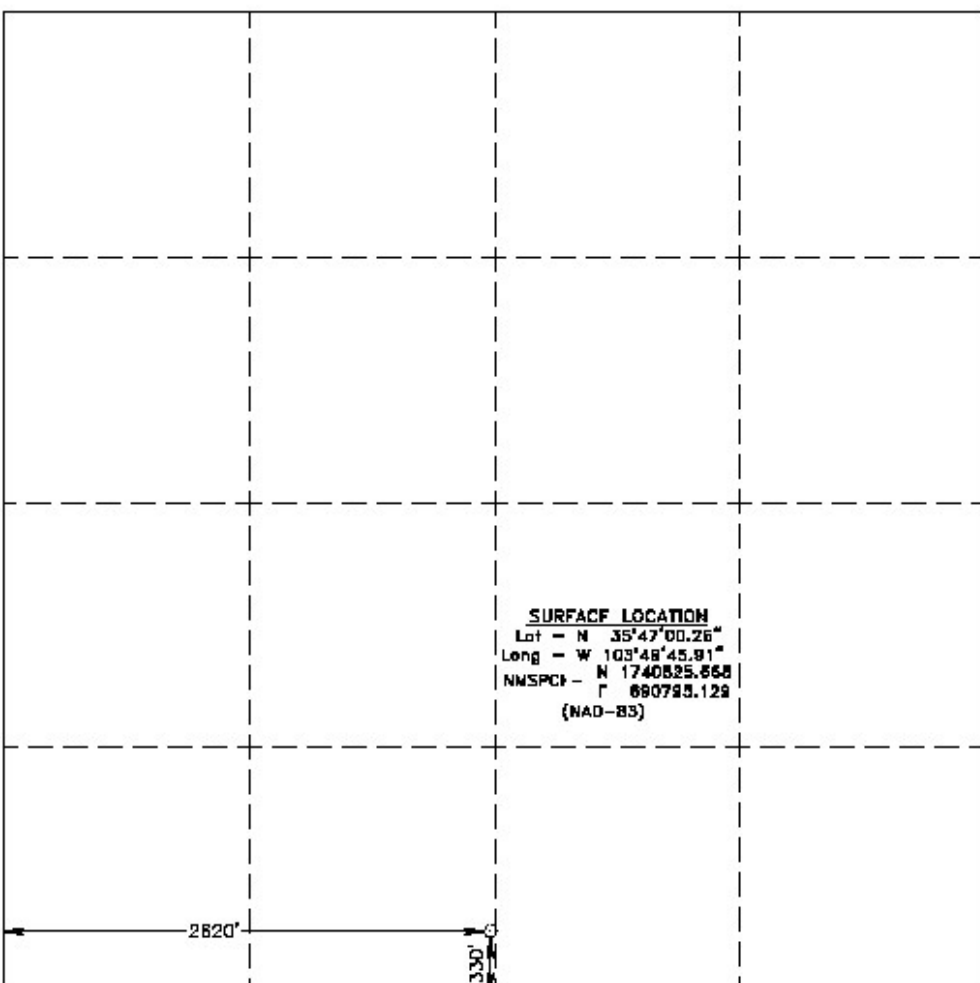
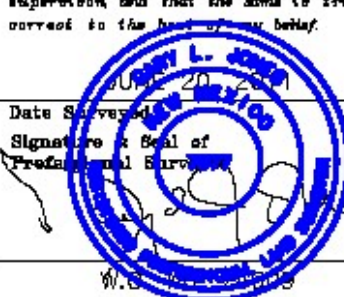
Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County  |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|---------|
| N             | 14      | 18 N     | 29 E  | N       | 330           | SOUTH            | 2620          | WEST           | HARDING |

Bottom Hole Location If Different From Surface

| UL or lot No.             | Section         | Township                | Range     | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------------------|-----------------|-------------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
|                           |                 |                         |           |         |               |                  |               |                |        |
| Dedicated Acres<br>640.00 | Joint or Infill | Consolidation Code<br>U | Order No. |         |               |                  |               |                |        |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Rita C. Smith <small>Digital signed by Rita C. Smith<br/>DN: cn=Rita C. Smith, ou=New Mex.<br/>energy, email=rcsmith@hess.com, c=US</small> 11/18/2011</p> <p>Signature _____ Date _____</p> <p>Printed Name<br/>Rita C Smith</p> <p>Email Address<br/>rcsmith@hess.com</p> |
|                                                                                    | <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby verify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p></p> <p>Date Surveyed _____</p> <p>Signature &amp; Seal of<br/>Professional Surveyor _____</p> <p>W.S. _____</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS 24609</p>                                                                                                                                                                                                                                                                                              |
|                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |