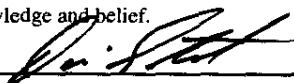
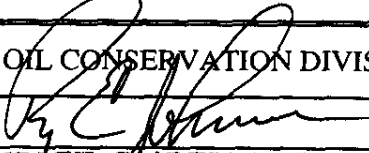


## APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address OXY USA Inc. P.O. Box 50250 Midland, TX 79710-0250					<sup>2</sup> OGRID Number 16696				
					<sup>3</sup> API Number 30- 059- 20459				
<sup>4</sup> Property Code 27111		<sup>5</sup> Property Name Bravo Dome Carbon Dioxide Gas Unit 2232					<sup>6</sup> Well No. 341		
<sup>7</sup> Surface Location									
UL or lot no. G	Section 34	Township 22 N	Range 32 E	Lot. Idn	Feet from the 1635	North/South Line north	Feet from the 1650	East/West line east	County Union
<sup>8</sup> Proposed Bottom Hole Location If Different From Surface									
<sup>9</sup> Proposed Pool 1 Bravo Dome Carbon Dioxide Gas 640					<sup>10</sup> Proposed Pool 2 96010				
<sup>11</sup> Work Type Code N		<sup>12</sup> Well Type Code C		<sup>13</sup> Cable/Rotary R		<sup>14</sup> Lease Type Code P		<sup>15</sup> Ground Level Elevation 4848.3'	
<sup>16</sup> Multiple No		<sup>17</sup> Proposed Depth 2600'		<sup>18</sup> Formation Tubb		<sup>19</sup> Contractor N/A		<sup>20</sup> Spud Date 8/18/04	
<sup>21</sup> Proposed Casing and Cement Program									
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC				
12-1/4"	8-5/8"	24#	700'	300sx	Surface				
7-7/8"	5-1/2"	5.9#FG/15.5#	2600'	300sx	Surface				
<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.  <div style="text-align:center">SEE ATTACHED</div>									
<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 					OIL CONSERVATION DIVISION				
					Approved by: 				
Printed name: David Stewart					Title: DISTRICT SUPERVISOR				
Title: Sr. Regulatory Analyst					Approval Date: 4/12/04		Expiration Date: 4/12/05		
Date: 4/10/04		Phone: 432-685-5717			Conditions of Approval: NSL MUST BE APPROVED				
Attached <input type="checkbox"/> PRIOR TO PRODUCTION.									

**PROPOSED TD:** 2600' TVD

**BOP PROGRAM:** 0-700' None  
700-2600' 8" 2M annular hydril preventer.

**CASING:** Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'  
12-1/4" hole  
Centralizers from TD-Surf, every fourth joint  
Production: 5-1/2" OD new casing from 0-2600'  
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG  
7-7/8" hole - 5 centralizers

\*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

**CEMENT:** Surface - Circulate cement with 300sx Premium Plus with 2% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)

Production - Cement with 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

**MUD:** 0-700' Fresh water/native mud.  
Wt 8.6-9.2ppg, Vis 32-36sec  
700-2600' Fresh water/Starch/Gel  
pH control as needed.  
Wt 9.0-9.2ppg, Vis 28-29sec

District I  
1625 N. French Dr., Hobbs, NM 88240

**District II**  
811 South First, Artesia, NM 88210

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

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

Instructions on back

**Submit to Appropriate District Office**

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ **AMENDED REPORT**

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
		96010	BRAVO DOME CARBON DIOXIDE GAS (640)
Property Code	Property Name		Well Number
27111	BRAVO DOME CARBON DIOXIDE GAS UNIT 2232		341
OGRID No.	Operator Name		Elevation
16696	OXY USA INC.		4848.3

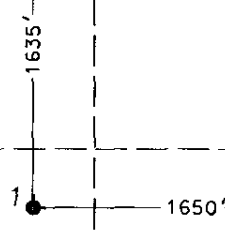
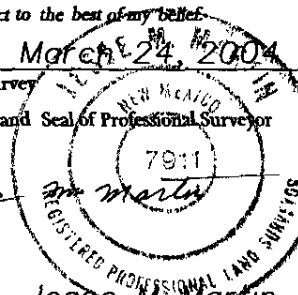
### Surface Location

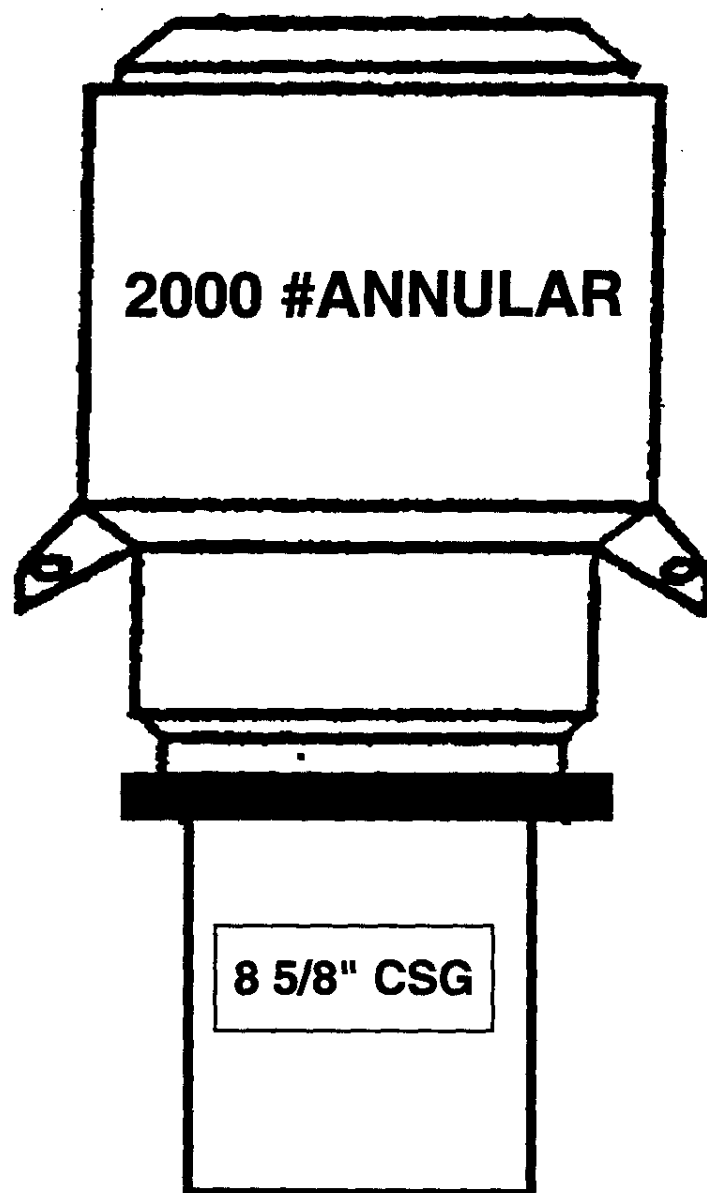
UL or lot no.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
G	34	22 N	32 E		1635'	NORTH	1650'	EAST	UNION

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 640	Joint or Infill N	Consolidation Code		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>34</p> <div style="text-align: center; margin-top: 100px;">  <p>1</p> <p>1635'</p> <p>1650'</p> </div> <div style="margin-top: 20px;"> <p>NM-E NAD27          Lot - 36° 05' 47.20"          Lon - 103° 30' 47.83"</p> </div>	<div style="border-bottom: 1px solid black; margin-bottom: 10px;"> <h2 style="text-align: center; margin: 0;">OPERATOR CERTIFICATION</h2> <p style="font-size: small; margin: 0;">I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> </div> <div style="margin-bottom: 10px;"> <p style="text-align: right; font-family: cursive; font-size: 1.2em;">David Stewart</p> <p>Signature <span style="float: right;">David Stewart</span></p> </div> <div style="margin-bottom: 10px;"> <p>Printed Name <span style="float: right;">Sr. Regulatory Analyst</span></p> </div> <div style="margin-bottom: 10px;"> <p>Title <span style="float: right;">4/8/04</span></p> </div> <div> <p>Date</p> </div>
Empty	<div style="border-bottom: 1px solid black; margin-bottom: 10px;"> <h2 style="text-align: center; margin: 0;">SURVEYOR CERTIFICATION</h2> <p style="font-size: small; margin: 0;">I hereby certify 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> </div> <div style="margin-bottom: 10px;"> <p style="text-align: right; font-family: cursive; font-size: 1.2em;">Jesse M. Martin</p> <p>Date of Survey <span style="float: right;">March 24, 2004</span></p> </div> <div style="margin-bottom: 10px;"> <p>Signature and Seal of Professional Surveyor</p> <div style="text-align: right;">  </div> </div> <div> <p style="text-align: right;">Jesse M. Martin</p> <p>Certificate Number <span style="float: right;">7911</span></p> </div>



**BRAVO DOME 2003 DRILLING PROJECT BOP DIAGRAM**

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