State of New Mexico Energy, Minerals & Natural Resources

Form C-101 May 27, 2004

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

415/05

Submit to appropriate District Office 1301 W. Grand Avenue, Artesia, NM 88210 Oil Conservation Divsiion District III 1000 Rio Brazos Rd., Aztec, NM 87410 1220 S. St. Francis Dr. District IV AMENDED REPORT Santa Fe, NM 87505 1220 S. St. Francis Dr., Santa Fe, NM 87505 APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE ² OGRID Number ¹Operator Name and Address 16696 OXY USA Inc. ³API Number Midland, TX 79710-0250 30-021-P.O. Box 50250 Well No. ⁵Property Name ⁴Property Code Bravo Dome Carbon Dioxide Gas Unit 2132 27111 10 Proposed Pool 2 9 Proposed Pool 1 96010 Bravo Dome Carbon Dioxide Gas 640 Surface Location Feet from the North/South Line UL or lot no. Section Township Lot. Idn Feet from the East/West line County Range 1694 -21N 32E 1655 south Harding J 34 east 8 Proposed Bottom Hole Location If Different From Surface Lot. Idn Feet from the North/South Line Feet from the East/West line Range County UL or lot no. Section Township Additional Well Location 13 Cable/Rotary Well Type Code 14 Lease Type Code 15 Ground Level Elevation 11 Work Type Code S-L6389 4819.4 N R 16 Multiple 17 Proposed Depth 18 Formation 19 Contractor ²⁰ Spud Date 2600 Tubb N/A 5/1/05 Distance from nearest fresh water well Depth to ground water Distance from nearest surface water >100 >1000 Pit Volume 1750 bbls Liner: Synthetic X mils thick Clay 🔲 Drilling Method: Fresh Water X Brine 🔲 Diesel/Oil-based Closed-Loop System Gas/Air 🔲 ²¹Proposed 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# 26001 300sx Surface 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. See Attachment ²³ I hereby certify that the information given above is true and complete to the best of NSERV**AT**ION DIVISION my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines X a general permit , or Approved by an (attached) alternative OCD-approved plan Signature: Printed name: David Stewart Sr. Regulatory Analyst 06 Title: Approval Date: Expiration Date: E-mail Address: david stewart@oxy.com

Conditions of Approval:

Attached

432-685-5717

ATTACHMENT C-101 BDCDGU

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% CaCl₂ + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)

Production - Cement with 150sx Premium Plus with 3% $CaCl_2 + .25\#/sx$ Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% $CaCl_2 + .25\#/sx$ 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

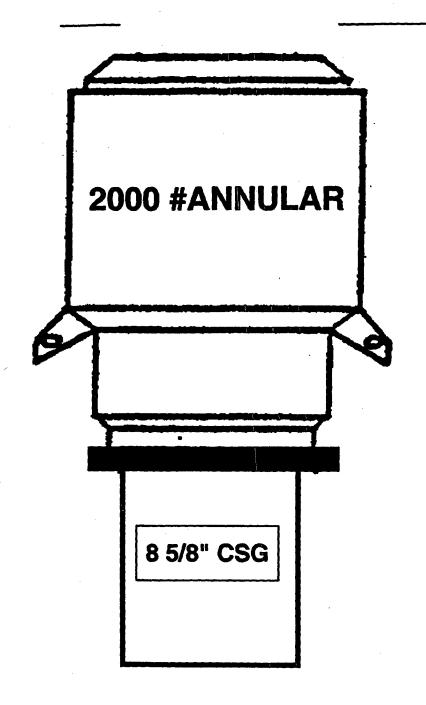
District III 1000 Rio Brazos Rd., Aztec, NM 87410

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											
		Pool Code			Pool Name						
				9601			BRAVO DOME CARBON DIOXIDE GAS				
Property Code			10 5 5	Property Name					Well Number		
			10 DC	DOME CARBON DIOXIDE GAS L					NII 2132 341		341
OGRID No.				Operator Name					Elevation		
16696				OXY USA INC.							4819.4
Surface Location											
UL or lot no.	Section	Township	Range			the	North/South line	Feet from the	East/West line		County
J 34		21 N	32 E		1655'		SOUTH	1694'	EAST		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
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Dedicated Acres Joint or Infill Consolidation Code Order No.											
640 N											
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.											
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATION OF DETERMINATION OF DEPTH OF DIVISION											
J 31						11	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.				
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								Signature	Signature David Stewart		
{								Printed Name	Printed Name		
								Sr.	Sr. Regulatory Analyst		
								Title 4/5/05			
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						j		SURVI	EYOR	CERT	IFICATION
				NM-E NAD27							shown on this plat
	}			Lat - 3	6° 00'13.36")3° 30'49.20"			me or under	my supervisio	on, and tha	nd surveys made by nt the same is true
	1				1 _		460.1	and correct to	the best of	my belief.	
							1694′	50	March		
<u> </u>						_		Signature and	Zaki	J. AS	Atelor
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BRAVO DOME 2003 DRILLING PROJECT BOP DIAGRAM