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APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, Operator Name and Address									² OGRID Number 16696					
OXY USA Inc. P.O. Box 50250									30- 021. 20342					
⁴ Prope	5 Property				6Well			li No.						
27	Surface 1			Jnit &	134	15(
UL or lot no.	Section	Township	Panne	Lot. Idn				Feet from the	Fast/We	East/West line Count				
G	15	21 N				north		1650	وحرم		Harding			
8 Proposed Bottom Hole Location If Different From Surface														
UL or lot no.	Section	Township		Lot. Idn	Feet from	Ţ		outh Line	Feet from the East/West line		County			
	9 Propose		05010	¹⁰ Proposed Pool 2										
Bravo Dome Carbon Dioxide Gas 640 96010														
ļ	11 Work Type Code			12 Well Type Code C				5-1	14 Lease Type Code 5-L5744		15 Ground Level Elevation			
¹⁶ Mu	ultiple No		¹⁷ Proposed Dep 2600 '	18 Form		19	19 Contractor N/A		20 Spud Date 9 7 64					
L				Proposed			nent P	rogram						
Hole S	21 Proposed Casing an Hole Size Casing Size Casing weight/foot								Setting Depth Sacks of Cement Estimated TOC					
12-1/4"		8	-5/8"	24#	700' 30		300sx	isx		Surface				
7-7/	7-7/8"		5-1/2" 5.9#		FG/15.5#		2600'		300sx		Surface			
	-				<u> </u>									
<u> </u>		<u> </u>				<u> </u>								
		<u> </u>		<u></u> _		<u> </u>								
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 ATTACHED														
²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.							OIL COMMERNATION DIVISION							
Signature:							Approved by: K Whin							
Printed name: David Stewart							Title: DISTRICT SUPERVISOR							
Title: Sr. Regulatory Analyst							Approval Date: 4/12/04 Expiration Date: 4/12/05							
Date: Phone:						Conditions of Approval:								
<u> માછા</u>	<u>~</u>		432-685-5717			Attached								

BDCDGU _____

PROPOSED TD:

2600' TVD

BOP PROGRAM:

0-700'

700-2600'

. 0-700

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

None

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% CaCl₂ + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl₂ + .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

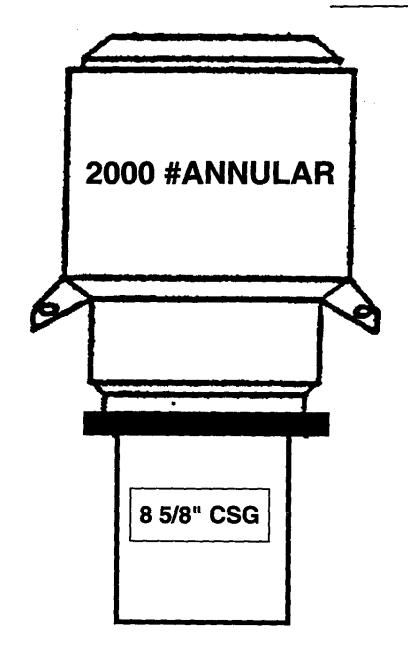
Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1		Pool Cod		Pool Name								
	1	96010	0 [<i>B</i> F	RAVO DOME	CARBON I	DIOXIDE GAS (640)					
Property Code							Name			Well Number		
27111 E			RAVO DOME CARB				DIOXIDE G	SAS UNIT	2132	151		
OGRID No.				Operator Name					Elevation			
16696			OXY				SA INC.		4839.8			
Surface Location												
UL or lot no.	Section	Township	Range	Lot Idn.	Feet from	the	North/South line	Feet from the	Feet from the East/West line			
G	15	21 N	32 E		1650)'	NORTH	1650'	EA	EAST HARDIN		
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 Acre	es Joint	or Infill Co	nsolidation	Code C	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												
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BRAVO DOME 2003 DRILLING PROJECT BOP DIAGRAM