

State of New Mexico
Energy, Minerals & Natural Resources

Form C-101
Revised March 17, 1999

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

¹ Operator Name and Address OXY USA Inc. P.O. Box 50250 Midland, TX 79710-0250		² OGRID Number 16696
		³ API Number 30- 021- 20326
⁴ Property Code 27111	⁵ Property Name Bravo Dome Carbon Dioxide Gas Unit 1933	⁶ Well No. 142

7 Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
0	14	19N	33E		624	south	1975	east	Harding


8 Proposed 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
⁹ Proposed Pool 1 Bravo Dome Carbon Dioxide Gas 640					¹⁰ Proposed Pool 2 96010				

¹¹ Work Type Code N	¹² Well Type Code C	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 4954.1'
¹⁶ Multiple No	¹⁷ Proposed Depth 2600'	¹⁸ Formation Tubb	¹⁹ Contractor N/A	²⁰ Spud Date 5/15/03

21 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

²² 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. Signature:  Printed name: David Stewart Title: Sr. Regulatory Analyst Date: 4/2/03 4/10/03		OIL CONSERVATION DIVISION <hr/> Approved by: <hr/> Title: <hr/> Approval Date: Expiration Date: <hr/> Conditions of Approval: Attached <input type="checkbox"/>	
Phone: 915-685-5717			

ATTACHMENT C-101
BDCDGU 1933-142

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_2 + .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 IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

API Number 30-021-20326	Pool Code 96010	Pool Name BRAVO DOME CARBON DIOXIDE GAS
Property Code 27111	Property Name BRAVO DOME CARBON DIOXIDE GAS UNIT 1933	Well Number 142
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 4954.1

UL or lot no.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
0	14	19 N	33 E		624'	SOUTH	1975'	EAST	HARDING

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	1		

14

2731'


1975'

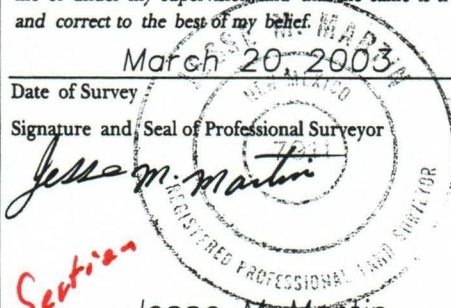
2

1

NM-E NAD27
Lat - 35° 52' 18.91"
Lon -103° 23' 55.32"

Standard 40-00 Section

OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>	
	
Signature	David Stewart
Printed Name	Sr. Regulatory Analyst
Title	4/2/03
Date	

SURVEYOR CERTIFICATION <i>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.</i>	
March 20, 2003	
Date of Survey	
Signature and Seal of Professional Surveyor	
Jesse M. Martin	
Certificate Number	7911