

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

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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- 059-
⁴ Property Code 27111	⁵ Property Name Bravo Dome Carbon Dioxide Gas Unit 1934	⁶ Well No. 022

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
A	2	19N	34E		660	north	990	east	Union

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 96010

¹⁰ Proposed Pool 2

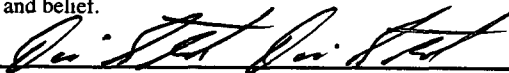
¹¹ Work Type Code N	¹² Well Type Code C	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 4782.4'
¹⁶ Multiple No	¹⁷ Proposed Depth 2600'	¹⁸ Formation Tubb	¹⁹ Contractor N/A	²⁰ Spud Date 5/15/03

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 Phone: 915-685-5717		OIL CONSERVATION DIVISION Approved by: Title: Approval Date: Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>	
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ATTACHMENT C-101**BDCDGU 1934-022****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 jointProduction: 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 32-36sec700-2600' Fresh water/Starch/Gel
pH control as needed.
Wt 9.0-9.2ppg, Vis 28-29sec

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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 96010	Pool Name BRAVO DOME CARBON DIOXIDE GAS
Property Code 27111	Property Name BRAVO DOME CARBON DIOXIDE GAS UNIT 1934	Well Number 022
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 4782.4

Surface Location

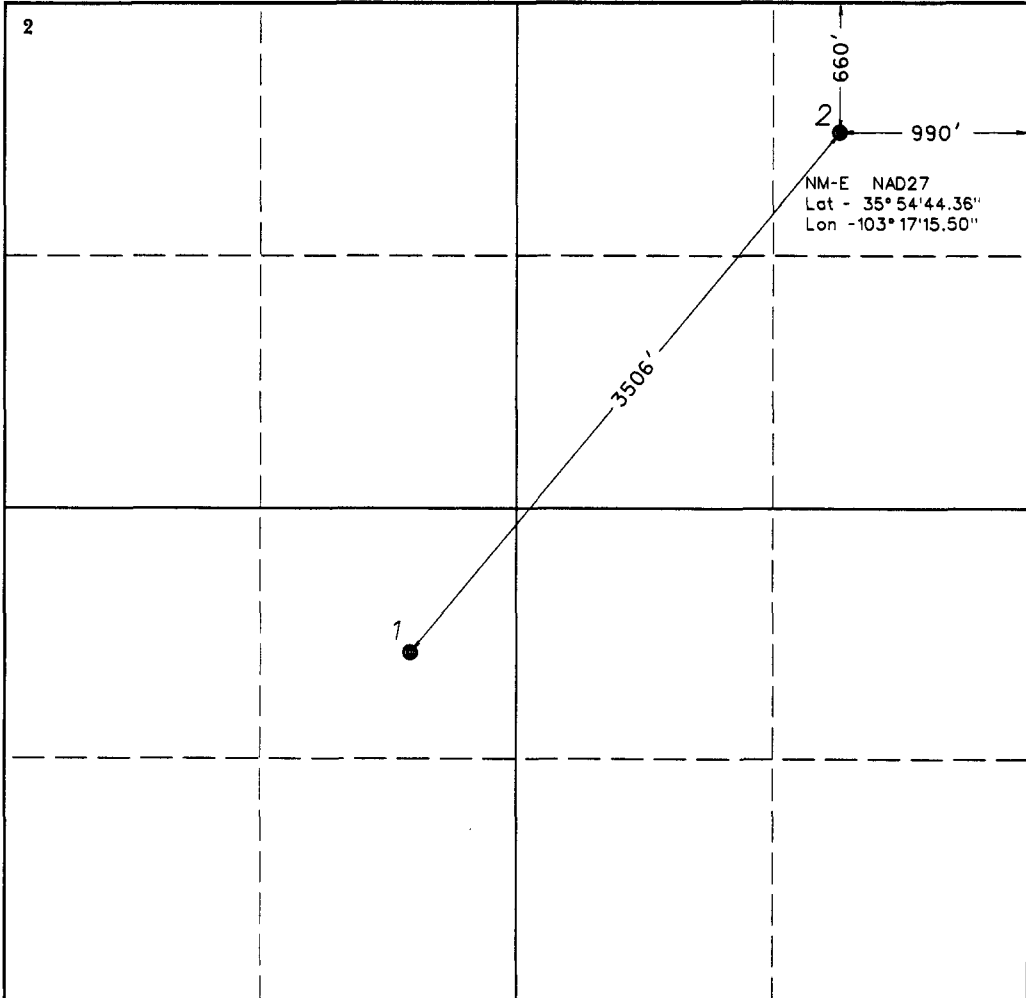
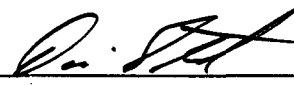
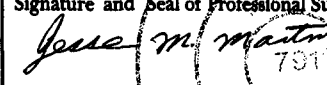
UL or lot no. A	Section 2	Township 19 N	Range 34 E	Lot Idn.	Feet from the 660'	North/South line NORTH	Feet from the 990'	East/West line EAST	County UNION
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Bottom Hole Location If Different From Surface

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 640	Joint or Infill 1	Consolidation Code	Order No.
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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>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature </p> <p>Printed Name David Stewart</p> <p>Title Sr. Regulatory Analyst</p> <p>Date 4/2/03</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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> <p>March 20, 2003</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor  7911</p> <p>Jesse M. Martin</p> <p>Certificate Number 7911</p>

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

05/05/03 14:07:53
OGOMES -TPOY
PAGE NO: 1

Sec : 02 Twp : 19N Rng : 34E Section Type : NORMAL

4 39.38	3 39.45	2 39.53	1 39.60
Fee owned U	Fee owned U	Fee owned U	Fee owned U
E 40.00	F 40.00	G 40.00	H 40.00
Fee owned U	Fee owned U	Fee owned U	Fee owned U

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

1
1
79.38
79.45
158.83
159.13
317.96

~~89.5~~
79.53
79.60
159.13

~~159.13~~
159.13

317.96
320
637.96

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

05/05/03 14:07:58
OGOMES -TPOY
PAGE NO: 2

Sec : 02 Twp : 19N Rng : 34E Section Type : NORMAL

L 40.00	K 40.00	J 40.00	I 40.00
Fee owned U	Fee owned U A	Fee owned U	Fee owned U
M 40.00	N 40.00	O 40.00	P 40.00
Fee owned U	Fee owned U	Fee owned U	Fee owned U

PF01 HELP
PF07 BKWD

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PF08 FWD

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PF12