State of New Mexico Energy, Minerals & Natural Resources MAY 0 3 2007 Submit to appropriate District Office

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410

Oil Conservation Division Conservation Division
1220 S. St. Francis Dn220 S. St. Francis D.

District IV 1220 S. St. Franci	is Dr., Santa F	e, NM 875	05		Santa Fe, 1	NM	87505 Santa F	i. Priincis Drive le, NM 87505	aME	ENDED REPORT	
				O DRI	LL, RE-EN	NTEI	R, DEEPEN,	PLUGBACK			
	¹ Operator Name and Address							² OGRID Number 16696			
OXY USA Inc		7d T1	זכח חודחד י	- ^			³ API Number				
P.O. Box 50: ⁴ Prope	250 M1d	land, 17	79710-025	30	⁵ Property 1	Name		30- 021- =		ill No.	
	111			ravo Dom	ne Carbon Di		e Gas Unit 🧗	932	O.	12	
Bravo Dome	- Carbon [⁹ Proposed Dioxide			96010			¹⁰ Proposed Po	1012		
	V				⁷ Surface I	Locat	tion				
UL or lot no.	Section	Township	Range	Lot. Idn Feet from		the	North/South Line	Feet from the	East/West line	County	
F	4	19 N		<u> </u>	1700		nouth	1700	west	Harding	
	1 <u> </u>						f Different Fro	T	т—		
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from t	the	North/South Line	Feet from the	East/West line	County	
	<u> </u>			A	dditional W	ell L	ocation	<u>. </u>	<u> </u>	<u> </u>	
¹¹ Work Ty	pe Code N		12 Well Type Cod C	ie l	13 Cable/R		¹⁴ Leas	se Type Code		Level Elevation	
16 Mult		\top	17 Proposed Dept 2600'	.h	18 Forma Tub		19 (Contractor N/A	²⁰ Spud Date		
Depth to ground			2000	Distance fr	rom nearest fresh	water v	well	Distance from nearest surface water			
Timen Su		>100' 12 mils	thick Clay		>10 Pit Volume _40	000' 000'	bbls Drilling Meth		>1000'		
			thick (m)	نـــا/			bbis Drilling Meth		il-based 🔲	Gas/Air 🔲	
Closen-tv	oop System _	<u> </u>	21,						il-based [i	Gas/Air	
		т		1		1	ment Program		- 		
Hole S		 	sing Size	Casing	g weight/foot	-	Setting Depth	Sacks of Cemer		stimated TOC	
12-1/		+	-5/8"	24#		┼	700'	300sx		Surface	
7-7/	8"	- 5	-1/2"	5.9#FG/15.5#		 	26001	300sx		Surface	
ļ 		 				 - -					
 		+		 		 					
22 Describe the	proposed prog	ram. If thi	s application is	to DEEPE	N or PLUG BAC	K giv	e the data on the pre	esent productive zon	ne and proposed	new productive zone.	
Describe the blow	vout preventio	п program,	if any. Use add	itional sheet	ts if necessary.	·	-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ye come heat	non production	
See Attachment											
ļ											
I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be							OIL CONSERVATION DIVISION				
constructed according to NMOCD guidelines a general permit , or							Approved by:				
an (attached) alternative OCD-annrowed plan . Signature:							oved by.	I Ma	itim_		
Printed name: David Stewart							DIS	STRICT SU	PERVISO	JR	
Title: Sr. Regulatory Analyst						Appr	oval Date: 5	4/07 Ex	piration Date:	5/4/08	
E-mail Address:	david st	ewart@o	T			<u> </u>		7			
Date:	Date: 5 (107			Phone: 432-685-5717			Conditions of Approval:				
7,1101			707	7.000.01	/1/	Attac	hed L				

ATTACHMENT C-101 BDCDGU 1932-042

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% 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

700-26001

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

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

District IV 2040 South Pacheco, Santa Fe, NM 87505

API Number

AMENDED REPORT

WELL	LOCATION	AND	ACREAGE	DEDICAT	ION	PLAT			
	Pool Code				Poo	l Name			
115	96010		BRAV	O DOME	CAR	BON	DIOXIDE	GAS	640
		Well Nu	nber						

 Property Code
 Property Name
 Well Number

 27111
 BRAVO DOME CARBON DIOXIDE GAS UNIT 1932
 042

 OGRID No.
 Operator Name
 Elevation

 16696
 OXY USA INC.
 4721.9

Surface Location

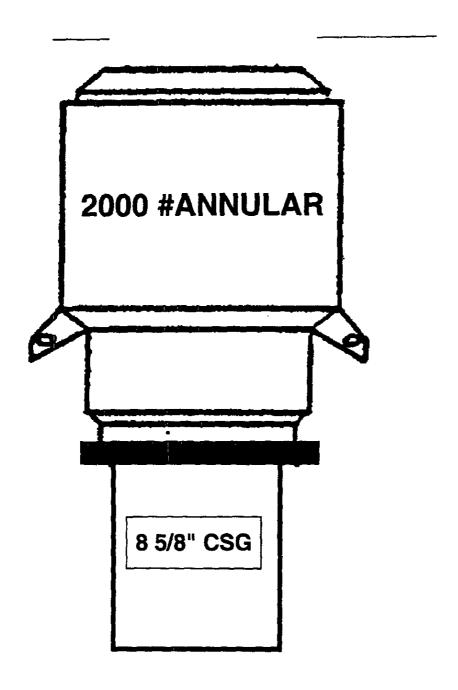
UL or lot no.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
F	4	19 N	32 E		1700'	NORTH	1700'	WEST	HARDING

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
Dedicated Acre	s Joint o	or Infill (Consolidation	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

1700/	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
P: P	Signature David Stewart Printed Name
NM-E NAD27 Let - 35° 54'33.08" Lon - 103° 32'49.51" X - 732834.11 Y - 1787108.77	Sr. Regulatory Analyst Title 5 ((07) Date
	SURVEYOR CERTIFICATION 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 peak of my better
	No vember 152006 Date of Survey Signature and leakof Professional Surveyor Professional Surveyor
	Jerry Osel 2/8/2007 Terry Asel Certificate Number 15079



BRAVO DOME 2003 DRILLING PROJECT BOP DIAGRAM

80,

Bravo Dome Unit Location and Pit Design Cheyenne Rig 8

Bravo Dome Unit Cellar and Sump Pit Cheyenne Rig 8

