State of New Mexico Energy, Minerals & Natural Resour

Form C-101 May 27, 2004

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 Divsiion MAR 26 2007 Submit to appropriate District Office

1220 S. St. Francis Doil Conservation Division

District IX 1220 S. St. Franci	is Dr., Santa Fe	e, NM 8'	/505 -			VM 87505(220 S. S			NDED REPORT	
APPLIC	CATION	FOR !	PERMIT T	O DRII	LL, RE-EN	ter, dee <mark>pen</mark> ,	PLUGBACK	K, OR ADD	A ZONE	
			perator Name an			² OGRID Number				
OXY USA Inc.							16696 3 API Number			
P.O. Box 50250 Midland, TX 79710-0250							30-021-20375			
⁴ Property Code				⁵ Property Name Bravo Dome Carbon Dioxide Gas Unit 1			472	132 Well No.		
27111 9 Propo			ed Pool I			OXIGE GUS GITTE E		¹⁰ Proposed Pool 2		
Bravo Dome	e Carbon D				96010		<u> </u>			
					⁷ Surface L	ocation				
		Townshi	. 1	Lot, Idn			Feet from the	East/West line	County	
J 32 19			<u> </u>	1700		1700	east	Harding		
⁸ Proposed Bottom Hole Location If Different From Surface										
UL or lot no.	Section	Townshi	ip Range	Lot. ldn	Feet from th	he North/South Line	Feet from the	East/West line	County	
	<u></u>			<u> </u>	-14itional W	all I coation	<u> </u>			
Additional Well Type Code 13 Cable/Re										
	¹¹ Work Type Code N		C Well Type Code				ase Type Code - LC= 4621	4550.2		
¹⁶ Multiple		_	17 Proposed Depth		¹⁸ Formati	tion 19	Comractor	²⁰ Spud Date		
	No		2600'		Tubl om nearest fresh v		N/A Distance from neare	c (l 0 7		
Depth to ground		>100'		Distance no	om nearest fresh v		Distance nom near	>1000'		
Pit: Liner: Syr			nils thick Cla	у	Pit Volume 40		thod:		· · · · · · · · · · · · · · · · · · ·	
	oop System	٦		-	F	Fresh Water X Bris	ne Diesel/O	il-based 🔲	Gas/Air 🔲	
				Dronogo						
				,	d Cement Program	1		1700		
Hole Size		 			g weight/foot	Setting Depth	 	Sacks of Cement Estimated TO		
12-1/4"		8-5/8"			24#	700'	300sx		Surface	
7-7/8*		↓ _	5-1/2"		FG/15.5#	2600'	300sx	Surface		
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		<u> </u>		<u> </u>			<u> </u>			
			this application is m, if any. Use add			K, give the data on the p	resent productive zo	ne and proposed r	new productive zone.	
Describe the ore.	Note breasure	n brogree	J, II 4Hy. Cov um	Illionar succ.	S II HOUGSon y.					
					See Attach	nment				
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1										
										
²³ I hereby certify	y that the infor	mation gi	iven above is true	and complet	te to the best of	OIL (CONSERVAT	ION DIVISION	 ON	
my knowledge ar	nd belief. I fu <i>r</i> t	ther certi	ify that <u>the</u> drilli	ng pit will b	be		CONSERVAT	ION DIVISI	ON	
my knowledge ar constructed according an (attached) al	nd belief. I fur ording to NM	ther certi OCD gui	ify that the drilli idelines X a	ng pit will b	te to the best of be rmit , or	OIL (CONSERVAT	ION DIVISION	ON	
my knowledge ar constructed acco an (attached) al Signature:	nd belief. I furn ording to NM ternative OCI	ther certi OCD gui D-annrov	ify that the drilli idelines X a	ng pit will b	be	Approved by:	Ma	rtion	ON	
my knowledge ar constructed acce an (attached) als Signature: Printed name: D	nd belief. I furniording to NM ternative OCI	ther certi OCD gui D-annev art	ify that the drilli idelines \(\begin{array}{c} \text{a} \\ \text{yed plan} \(\end{array} \) .	ng pit will b	be	Approved by: Title: OSTRIC	Ma CT SUPER	VISOR		
my knowledge ar constructed acce an (attached) als Signature: Printed name: D Title: S	nd belief. I fur ording to NM ternative OCI lavid Stew or. Regula	ther certi OCD gui D-approv eart tory A	ify that the drilli idelines X a ved man .	ng pit will b	be	Approved by: Title: OISTRIC	Ma CT SUPER	VISOR	ON 4-3-08	
my knowledge ar constructed acce an (attached) als Signature: Printed name: D	nd belief. I fur ording to NM ternative OCI lavid Stew or. Regula	ther certi OCD gui D-approv eart tory A	ify that the drilli idelines X a ved man .	ng pit will b	be	Approved by: Title: OSTRIC	Ma CT SUPER 3-0> E	VISOR		

ATTACHMENT C-101' BDCDGU <u>\932-32\</u>

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 F Flake (WT-14 8ppg Vld-1 34cf/sx FW-6 3g/sx)

.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

OIL CONSERVATION DIVISION 2040 South Pacheco

N

Certificate Number

15079

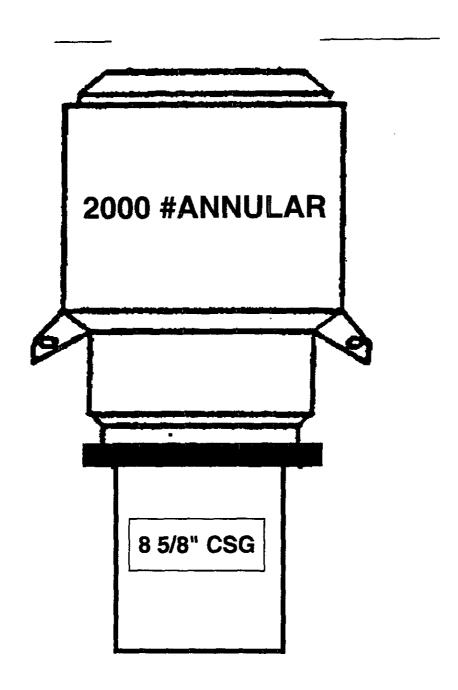
Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies

1000 Rio Brazos Rd., Aztec, NM 87410 District IV 2040 South Pacheco
Santa Fe, NM 87505
State Lease - 4 Copies
Fee Lease - 3 Copies

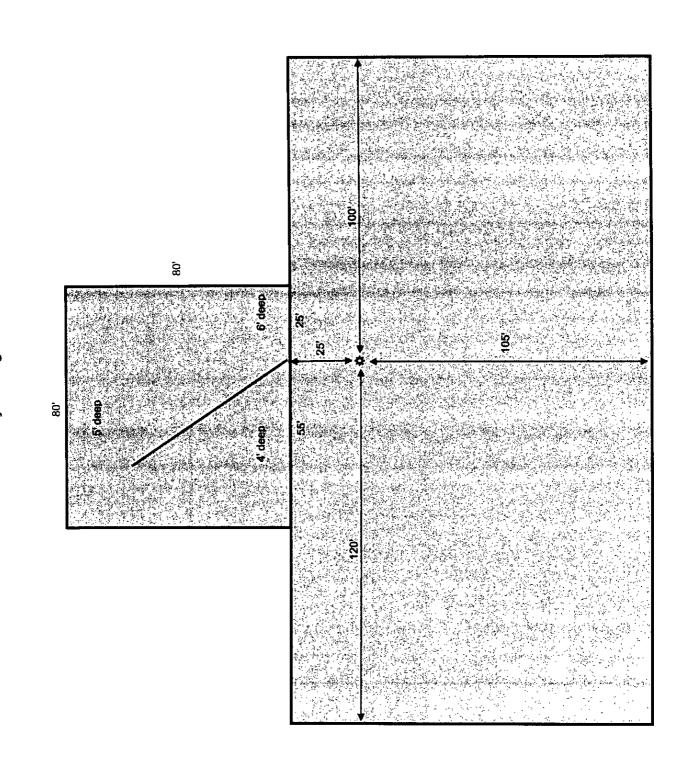
District IV 2040 South Pacheco, Santa Fe, NM 87505 AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code Pool Name 96010 BRAVO DOME CARBON DIOXIDE GAS 640 30-021-20375 Property Name Well Number Property Code 27111 BRAVO DOME CARBON DIOXIDE GAS UNIT 1932 321 OGRID No. Operator Name Elevation 4550.2 16696 OXY USA INC. Surface Location Feet from the North/South line UL or lot no. Range Lot Idn. Section Township Feet from the East/West line County 32 19 N 32 E 1700' SOUTH 1700' EAST HARDING **Bottom** Hole Location If Different From Surface Lot Idn. UL or lot no. Section Township Range Feet from the North/South line Feet from the East/West line County Dedicated Acres Joint or Infill Consolidation Code Order No. 640 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 32 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature David Stewart Printed Name Regulatory Analyst Title Date SURVEYOR CERTIFICATION NM-E NAD27 Lat - 35° 49'52.24" Lon - 103° 33'30.05" I hereby certify that the well location shown on this plat X - 729724,76 was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true - 1758686.58 and correct to the 1700'-Date of Survey 15079 Signature and Professional Sy POFESSIONAL LAND

State of New Mexico

Energy, Minerals & Natural Resources Department



BRAVO DOME 2003 DRILLING PROJECT BOP DIAGRAM



Bravo Dome Unit Location and Pit Design Cheyenne Rig 8

Bravo Dome Unit Cellar and Sump Pit Cheyenne Rig 8

