

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									
⁴ Property Code 27111					⁵ Property Name Bravo Dome Carbon Dioxide Gas Unit 2232					³ API Number 30- 059- 25760				
⁶ Well No. 352														

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
J	35	22 N	32 E		1664	South	2578	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

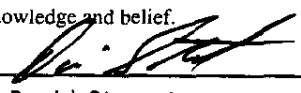

⁹ Proposed Pool 1 Bravo Dome Carbon Dioxide Gas 640 96010					¹⁰ Proposed Pool 2				
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¹¹ Work Type Code N	¹² Well Type Code C	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 4855.8'
¹⁶ Multiple No	¹⁷ Proposed Depth 2600'	¹⁸ Formation Tubb	¹⁹ Contractor N/A	²⁰ Spud Date 8/22/04

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: 		OIL CONSERVATION DIVISION	
Printed name: David Stewart		Approved by: 	
Title: Sr. Regulatory Analyst		Title: DISTRICT SUPERVISOR	
Date: 4/8/04		Approval Date: 4/12/04 Expiration Date: 4/12/05	
Phone: 432-685-5717		Conditions of Approval: NSL MUST BE APPROVED	
		Attached <input type="checkbox"/> PRIOR TO PRODUCTION	

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.

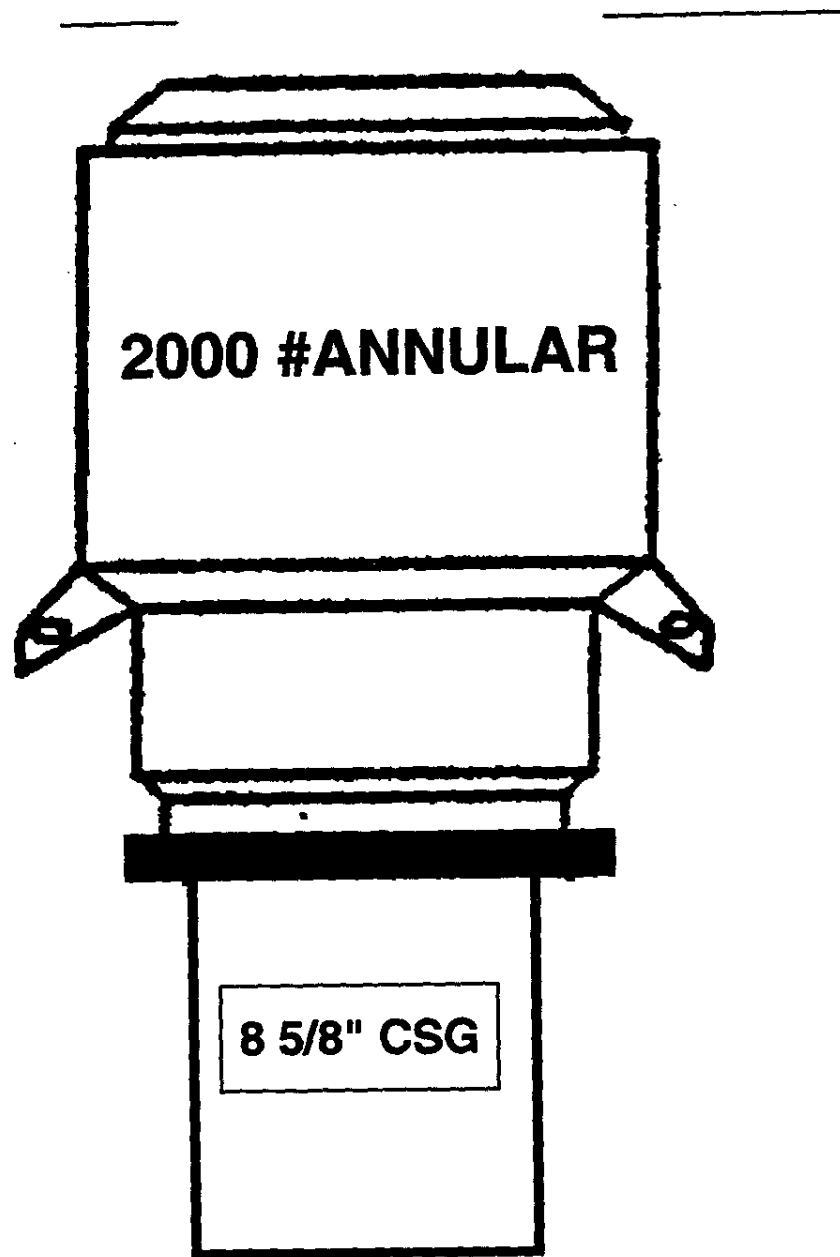
CEMENT: Surface - Circulate cement with 300sx Premium Plus with 2% CaCl₂ + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)

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
700-2600' Fresh water/Starch/Gel
pH control as needed.
Wt 9.0-9.2ppg, Vis 28-29sec

☐ AMENDED REPORT

<div style="text-align: center; font-weight: bold; font-size: 1.2em;"> OR A NON-STANDARD UNIT HAS BEEN ADOPTED BY THE DIVISION </div> <div style="margin-top: 20px;"> <div style="position: absolute; top: 320px; left: 290px;">1</div> <div style="position: absolute; top: 660px; left: 350px;">2</div> <div style="position: absolute; top: 430px; left: 300px; transform: rotate(-45deg);">1882'</div> <div style="position: absolute; top: 810px; left: 330px; transform: rotate(-90deg);">1664'</div> <div style="position: absolute; top: 680px; left: 510px;">2578'</div> <div style="position: absolute; top: 580px; left: 360px; font-size: 0.8em;"> NM-E NAD27 Lat - 36° 05' 27.49" Lon - 103° 29' 53.31" </div> </div>	<div style="text-align: center; font-weight: bold; font-size: 1.2em;"> OPERATOR CERTIFICATION </div> <p style="font-size: 0.8em;">I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <div style="margin-top: 20px;"> </div> <div style="border-bottom: 1px solid black; padding-bottom: 2px;">Signature</div> <div style="text-align: center; font-weight: bold; margin-top: 5px;">David Stewart</div> <div style="border-bottom: 1px solid black; padding-bottom: 2px;">Printed Name</div> <div style="text-align: center; font-weight: bold; margin-top: 5px;">Sr. Regulatory Analyst</div> <div style="border-bottom: 1px solid black; padding-bottom: 2px;">Title</div> <div style="text-align: center; margin-top: 5px;">4/8/04</div> <div style="border-bottom: 1px solid black; padding-bottom: 2px;">Date</div>
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BRAVO DOME 2003 DRILLING PROJECT BOP DIAGRAM