Conditions of Approval:

Attached

Date:

4/15/09

Phone:

432-685-5717

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 South First, Artesia, NM 88210 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

Certificate Number 15079

AMENDED REPORT

Fee Lease - 3 Copies

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV 2040 South Pacheco, Santa Fe, NM 87505

		WEI	L LO	CATION	AND	ACI	REAGE DEDIC	CATION PI	_AT				
		Pool Code			Pool Name								
30-021-20469				96010			BRAVO DOME CARBON DIOXIDE GAS 160						
Property	Code						Name		Well Number				
27111 BRAVC				OME C	<u>ARBON</u>	DI	OXIDE GAS	UNIT 18.	UNIT 1831 281				
OGRID					-		Name				Elevation		
-1669	6				OXY	US	SA INC.		4297.0				
Surface Location  UL or lot no.   Section   Township   Range   Lot Idn.   Feet from the   North/South line   Feet from the   East/West line   County													
UL or lot no.	Section	Township	Range	Lot Idn.	Feet from			Feet from the	East/West	line	County		
K	28	18 N	31 E		1776	1	SOUTH	1700'	WEST		HARDING		
Bottom Hole Location If Different From Surface													
UL or lot no.	UL or lot no. Section Township		Range	Lot Idn.	Lot Idn. Feet from		North/South line	Feet from the	East/West line Co		County		
Dedicated Acre	es Joint	or Infill C	onsolidatio	n Code C	l Order No.		<b></b>	L	<u> </u>		<u> </u>		
160	1 1	\			•								
			SSIGNE	D TO TH	IS COMP	LETI	ON UNTIL ALL	INTERESTS I	IAVE BE	EN CO	ONSOLIDATED		
<u> </u>		OR A	NON-ST	ANDARD	UNIT HA	AS B	EEN APPROVED	BY THE DIV	ISION				
28								OPERA	ATOR	CERT	IFICATION		
								n i			contained herein is		
								true and comp	olete to the b	est of my l	knowledge and belief.		
	}								_	_			
				_L					<i>/</i>				
								Signature	4 2				
									David	l Ste	wart		
i i						ĺ		11	Printed Name Sr. Regulatory Analyst				
	Ì					Ì		Title	Kegula	tory	Analyst		
	į					İ			4/15	08	ļ		
	_					Ì		Date					
	i	NIM E NIM	3					SURVI	EYOR	CERT	IFICATION		
• []		NM-E NAI Lat - 35° Lon - 103°	45'30.46"			ĺ		ll .			shown on this plat		
	ĺ	X - 70152 Y - 17320	8.13			ĺ		was plotted fr	om field no	otes of actu	al surveys made by		
	700/	1 - 1/320	06.95			i		me or under	, <u>-</u>		at the same is true		
7	700′ <del></del> -					İ		De	cemb	XX17	2007		
	i							Date of Surve		MS	- Total		
. <u>∭                                    </u>								Signature and	Seal of Fre	essional S	urveyor		
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# Bravo Dome CO2 wells - 2008

### CASING:

MD (ft)	Hole Size (in)	Csg Size (in)	Wt (lb/ft)	Grd	Cplg	
0 - ±750	12-1/4	8-5/8	24	J55	STC	
0 - ± 2440	7-7/8	5-1/2 FG	5.9	FG	10 Rd	
2440 - ± 2600	7-7/8	5-1/2 Steel	15.5	J55	LTC	

### CEMENT:

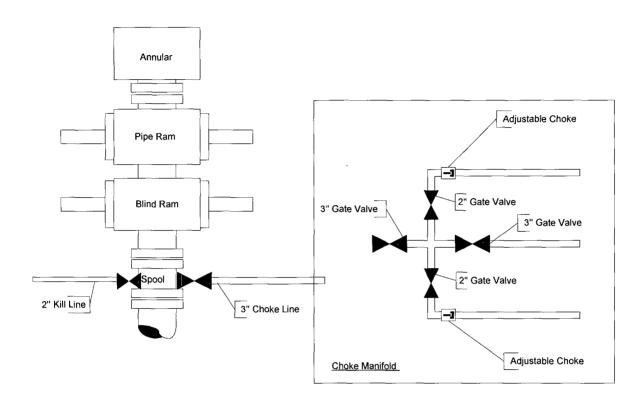
### Surface:

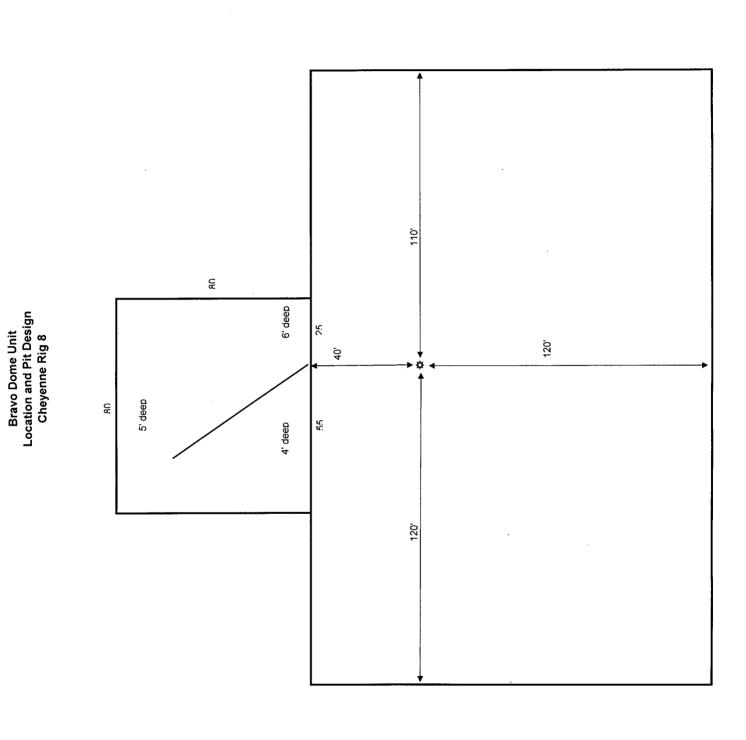
Cement Design										
Slurry	Weight (ppg)	TOC (feet)	BOC (feet)		Slurry Volume (Bbls)	Cement Required (sx.)	Comment			
Lead	14.8	Surface	750		96	400	TOC ±surface			
				ad Slurry						
Premium Plus CaCl Poly E Flake Slurry Yield					400 sx 2% 0.125 lb/sx 1.35 cfs					
Mix Water Mix Water Sou	rce				6.3 gal/sx Freshwater					

### Production:

Cement Design										
Weight (ppg)	TOC (feet)	BOC (feet)			Slurry Volume (Bbls)	Cement Required (sx.)	Comr	ment		
11.1	0	±1830			233	400	TOC Surface	to		
13.2	±1830	2600			50	150	TOC above Cimarro	±600' on		
Lead 9	Slurry	Tail Slurry								
r00	400 sx 3% 0.125 lb/sx 3.28 cfs 20.56 gal/sk					150 sx 3% 0.125 lb/sx 1.86 cfs 9.99 gal/sk				
	(ppg) 11.1 13.2	(ppg) (feet)  11.1 0  13.2 ±1830  Lead Slurry  40  3  0.124  3.2 20.56	Weight (ppg) (feet) BOC (feet)  11.1 0 ±1830  13.2 ±1830 2600  Lead Slurry  400 sx 3% 0.125 lb/sx 3.28 cfs 20.56 gal/sk	Weight (ppg) (feet) BOC (feet)  11.1 0 ±1830  13.2 ±1830 2600  Lead Slurry  400 sx 3% 0.125 lb/sx 3.28 cfs 20.56 gal/sk	Weight (ppg)         TOC (feet)         BOC (feet)           11.1         0         ±1830           13.2         ±1830         2600           Lead Slurry           400 sx 3%         Premium Pl CaCl           0.125 lb/sx 3.28 cfs         Poly E Flake           3.28 cfs 20.56 gal/sk         Slurry Yield Mix Water	Weight (ppg)         TOC (feet)         BOC (feet)         Slurry Volume (Bbls)           11.1         0         ±1830         233           13.2         ±1830         2600         50           Lead Slurry         Tail           400 sx 3% CaCl         Premium Plus CaCl           0.125 lb/sx 3.28 cfs 20.56 gal/sk         Slurry Yield Mix Water	Weight (ppg)         TOC (feet)         BOC (feet)         Slurry Volume (Bbls)         Cement Required (sx.)           11.1         0         ±1830         233         400           13.2         ±1830         2600         50         150           Lead Slurry         Tail Slurry           400 sx 3%         Premium Plus CaCl         0.125 lb/sx Poly E Flake         0.125 lb/sx Slurry Yield         1.8 Slurry Yield         1.8 Slurry Yield         1.8 Slurry Yield         9.98 Slurry Yie	Weight (ppg)		

# 9" BOP - 3000psi





# Bravo Dome Unit Cellar and Sump Pit Cheyenne Rig 8

