District I	State of New Mexico Office State of New Mexico				Form C-103		
<u>District I</u> Energy, Minerals and Natural Resources 1625 N. French Dr., Hobbs, NM 88240		S FW	May 27, 2004 WELL API NO.				
District II			1	30-015-37545			
1301 W. Grand Ave., Artesia, NM 88210				5.	5. Indicate Type of Lease		
District III 1000 Rio Brazos Rd., Aztec, NM 87410		th St. Franc			STATE 2	FEE	
District IV	Santa	Fe, NM 875	505	6.	State Oil & Gas		
1220 S. St. Francis Dr., Santa Fe, NM 87505				ľ			
	TICES AND REPORTS	ON WELLS		7.	Lease Name or	Unit Agreeme	ent Name
(DO NOT USE THIS FORM FOR PROPO	OSALS TO DRILL OR TO DE	EEPEN OR PLUC	G BACK TO A		2000 1 (01110 01	om. rg. vin	,
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)						I Aid State	
1. Type of Well: Oil Well	Gas Well Other			8.	Well Number	20	
2. Name of Operator					OGRID Numbe	er	
COG Operating LLC						229137	
3. Address of Operator	:1- 1200	Midlend T	V 70704	10	Pool name or		96210
550 W. Texas Ave., Su		Midland, T	X /9/01		Empire;	Glorieta-Ye	50
4. Well Location						_	*
	: <u>330'</u> feet from the				_feet from the _		line
Section 24	Township			8E	NMPM	Count	y EDDY
a Table	11. Elevation (Show			₹, etc.)		700	
Pit or Below-grade Tank Application	or Closure	3713' (אנ 				-
Pit type Depth to Ground		. waawaat fuaab w		Diate	5		
				_	ince from nearest s	surface water	
Pit Liner Thickness: Belo	w-Grade Tank: Volume	bbls;	Construction	n Material			
12. Check	Appropriate Box to	Indicate Na	ture of No	tice, Rep	ort or Other	Data	
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:							
						ALTERING S	
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS.							
PULL OR ALTER CASING MULTIPLE COMPL CASING/CEMEN'						CEN	, ,, , , ,
	,oz zz oo z		0,101110,02			aeu,	۱ کیرر
OTHER: Change casin	g program	\boxtimes	OTHER:			RECENTIFICATION OF THE PROPERTY OF THE PROPERT	1E3/1
13. Describe proposed or com	pleted operations. (Clea	rly state all pe	ertinent detai	ls, and giv	e pertinent data	s, including es	tipated date
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.							
or recompletion.						Mil	• ,
COG Operating LLC respectfully requests permission to change the casing program to:							
· ·	illy requests permiss	ion to chan	ge the casi	ing prog	ram to:		
Type Hole Size Casir	ng Type Casing W		Setting De	• •	Sacks of Cem	ent Est	тос
Type Hole Size Casir Surf 17.5 13.3	ng Type Casing W 375 48		Setting De 250	• •	Sacks of Cem	ent Est	0
Type Hole Size Casin Surf 17.5 13.3 Inter 11 or 12-1/4 8.6	ng Type Casing W 375 48 325 24		Setting De 250 850	• •	Sacks of Cem 300 400	ent Est	0 0
Type Hole Size Casin Surf 17.5 13.3 Inter 11 or 12-1/4 8.6	ng Type Casing W 375 48		Setting De 250	• •	Sacks of Cem	ent Est	0
Type Hole Size Casin Surf 17.5 13.3 Inter 11 or 12-1/4 8.6 Prod 7.875 5.	ng Type Casing W 375 48 325 24 50 17	/eight/ft.	Setting De 250 850 5400	epth	Sacks of Cem 300 400 900		0 0 0
Type Hole Size Casin Surf 17.5 13.3 Inter 11 or 12-1/4 8.6 Prod 7.875 5.	ng Type Casing W 375 48 325 24 50 17 hole to 250' w/ fresh	/eight/ft. water mud	Setting De 250 850 5400 system, w	epth t. 8.5, vis	Sacks of Cem 300 400 900 28, set 13-3/8	8" casing &	0 0 0 cement to
Type Hole Size Casin Surf 17.5 13.3 Inter 11 or 12-1/4 8.6 Prod 7.875 5. COG proposes to drill 17-1/2" surface. Drill 11" or 12-1/4" ho	ng Type Casing W 375 48 525 24 50 17 hole to 250' w/ fresh le to 850' w/ brine mu	/eight/ft. water mud ud system, v	Setting De 250 850 5400 system, wi	epth t. 8.5, vis 0, set 8-	Sacks of Cem 300 400 900 28, set 13-3/8 5/8" casing &	8" casing & cement to s	0 0 0 cement to urface.
Type Hole Size Casin Surf 17.5 13.3 Inter 11 or 12-1/4 8.6 Prod 7.875 5. COG proposes to drill 17-1/2" surface. Drill 11"or 12-1/4" ho Drill 7 7/8" hole to 5400' w/ cu	ng Type Casing W 375 48 525 24 50 17 hole to 250' w/ fresh le to 850' w/ brine mu	/eight/ft. water mud ud system, v	Setting De 250 850 5400 system, wi	epth t. 8.5, vis 0, set 8-	Sacks of Cem 300 400 900 28, set 13-3/8 5/8" casing &	8" casing & cement to s	0 0 0 cement to urface.
Type Hole Size Casin Surf 17.5 13.3 Inter 11 or 12-1/4 8.6 Prod 7.875 5. COG proposes to drill 17-1/2" surface. Drill 11" or 12-1/4" ho	ng Type Casing W 375 48 525 24 50 17 hole to 250' w/ fresh le to 850' w/ brine mu	/eight/ft. water mud ud system, v	Setting De 250 850 5400 system, wi	epth t. 8.5, vis 0, set 8-	Sacks of Cem 300 400 900 28, set 13-3/8 5/8" casing &	8" casing & cement to s	0 0 0 cement to urface.
Type Hole Size Casin Surf 17.5 13.3 Inter 11 or 12-1/4 8.6 Prod 7.875 5. COG proposes to drill 17-1/2" surface. Drill 11"or 12-1/4" ho Drill 7 7/8" hole to 5400' w/ cu	ng Type Casing W 375 48 525 24 50 17 hole to 250' w/ fresh le to 850' w/ brine mu	/eight/ft. water mud ud system, v	Setting De 250 850 5400 system, wi	epth t. 8.5, vis 0, set 8-	Sacks of Cem 300 400 900 28, set 13-3/8 5/8" casing &	8" casing & cement to s	0 0 0 cement to urface.
Type Hole Size Casin Surf 17.5 13.3 Inter 11 or 12-1/4 8.6 Prod 7.875 5. COG proposes to drill 17-1/2" surface. Drill 11"or 12-1/4" ho Drill 7 7/8" hole to 5400' w/ cu	ng Type Casing W 375 48 525 24 50 17 hole to 250' w/ fresh le to 850' w/ brine mu t brine mud system,	/eight/ft. water mud ud system, v wt 9.1, vis 2	Setting De 250 850 5400 system, wi wt 10, vis 3 29-32, test	epth t. 8.5, vis 60, set 8- Yeso fo	Sacks of Cem 300 400 900 28, set 13-3/8 5/8" casing & rmation and r	8" casing & cement to s	0 0 0 cement to urface.
Type Hole Size Casin Surf 17.5 13.: Inter 11 or 12-1/4 8.6 Prod 7.875 5. COG proposes to drill 17-1/2" surface. Drill 11"or 12-1/4" ho Drill 7 7/8" hole to 5400' w/ cu cement to surface.	ng Type Casing W 375 48 525 24 50 17 hole to 250' w/ fresh le to 850' w/ brine mu t brine mud system,	/eight/ft. water mud ud system, v wt 9.1, vis 2	Setting De 250 850 5400 system, wi wt 10, vis 3 29-32, test	epth t. 8.5, vis 60, set 8- Yeso fo	Sacks of Cem 300 400 900 28, set 13-3/8 5/8" casing & rmation and r	8" casing & cement to s	0 0 0 cement to urface.
Type Hole Size Casin Surf 17.5 13.3 Inter 11 or 12-1/4 8.6 Prod 7.875 5. COG proposes to drill 17-1/2" surface. Drill 11" or 12-1/4" ho Drill 7 7/8" hole to 5400' w/ cu cement to surface. Note: On production string, a	ng Type Casing W 375 48 325 24 50 17 hole to 250' w/ fresh le to 850' w/ brine mu t brine mud system,	water mud ud system, v wt 9.1, vis 2	Setting De 250 850 5400 system, wi wt 10, vis 3 29-32, test	t. 8.5, vis 60, set 8- Yeso fo	Sacks of Cem 300 400 900 28, set 13-3/8 5/8" casing & rmation and r	8" casing & cement to sun 5 ½" cas	0 0 cement to urface. sing and
Type Hole Size Casin Surf 17.5 13.3 Inter 11 or 12-1/4 8.6 Prod 7.875 5. COG proposes to drill 17-1/2" surface. Drill 11" or 12-1/4" ho Drill 7 7/8" hole to 5400' w/ cu cement to surface. Note: On production string, a	ng Type Casing W 375 48 525 24 50 17 hole to 250' w/ fresh le to 850' w/ brine mu t brine mud system, fluid caliper will be r	water mud ud system, v wt 9.1, vis 2 un, COG wi	Setting De 250 850 5400 system, wi wt 10, vis 3 29-32, test	t. 8.5, vis 60, set 8- Yeso for co circula	Sacks of Cem 300 400 900 28, set 13-3/8 5/8" casing & rmation and r	8" casing & cement to sun 5 ½" cas	0 0 0 cement to urface. sing and
Type Hole Size Casin Surf 17.5 13.3 Inter 11 or 12-1/4 8.6 Prod 7.875 5. COG proposes to drill 17-1/2" surface. Drill 11" or 12-1/4" ho Drill 7 7/8" hole to 5400' w/ cu cement to surface. Note: On production string, a	ng Type Casing W 375 48 525 24 50 17 hole to 250' w/ fresh le to 850' w/ brine mu t brine mud system, fluid caliper will be r	water mud ud system, v wt 9.1, vis 2 un, COG wi	Setting De 250 850 5400 system, wi wt 10, vis 3 29-32, test	t. 8.5, vis 60, set 8- Yeso for co circula	Sacks of Cem 300 400 900 28, set 13-3/8 5/8" casing & rmation and r	8" casing & cement to sun 5 ½" cas	0 0 0 cement to urface. sing and
Type Hole Size Casin Surf 17.5 13.3 Inter 11 or 12-1/4 8.6 Prod 7.875 5. COG proposes to drill 17-1/2" surface. Drill 11" or 12-1/4" ho Drill 7 7/8" hole to 5400' w/ cu cement to surface. Note: On production string, a	ng Type Casing W 375 48 525 24 50 17 hole to 250' w/ fresh le to 850' w/ brine mu t brine mud system, fluid caliper will be r	water mud ud system, v wt 9.1, vis 2 un, COG wi	Setting De 250 850 5400 system, wi wt 10, vis 3 29-32, test	t. 8.5, vis 60, set 8- Yeso fo co circula wledge an	Sacks of Cem 300 400 900 228, set 13-3/8 5/8" casing & rmation and r te cement.	8" casing & cement to so the cement to so the certify that any ative OCD-approximative OCD-approximati	0 0 0 cement to urface. sing and
Type Hole Size Casin Surf 17.5 13.: Inter 11 or 12-1/4 8.6 Prod 7.875 5. COG proposes to drill 17-1/2" surface. Drill 11" or 12-1/4" ho Drill 7 7/8" hole to 5400' w/ cu cement to surface. Note: On production string, a I hereby certify that the information grade tank has been/will be constructed of SIGNATURE	ng Type Casing Wards 48 48 48 525 44 50 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	water mud ud system, wat 9.1, vis 2 un, COG willete to the best D guidelines	Setting De 250 850 5400 system, wi wt 10, vis 3 29-32, test It attempt to st of my know, a general period.	t. 8.5, vis 80, set 8- Yeso for wledge and wledge and mit ☐ or and	Sacks of Cem 300 400 900 28, set 13-3/8 5/8" casing & rmation and r te cement.	8" casing & cement to sun 5 ½" cases or certify that any ative OCD-appro	0 0 0 cement to urface. sing and
Type Hole Size Casin Surf 17.5 13.3 Inter 11 or 12-1/4 8.6 Prod 7.875 5. COG proposes to drill 17-1/2" surface. Drill 11" or 12-1/4" ho Drill 7 7/8" hole to 5400' w/ cu cement to surface. Note: On production string, a	ng Type Casing Warfs 48 625 24 50 17 hole to 250' w/ fresh le to 850' w/ brine mu t brine mud system, fluid caliper will be r n above is true and comp or closed according to NMOC	water mud ud system, wat 9.1, vis 2 un, COG willete to the best D guidelines	Setting De 250 850 5400 system, wi wt 10, vis 3 29-32, test It attempt to st of my know, a general period.	t. 8.5, vis 80, set 8- Yeso for wledge and wledge and mit ☐ or and	Sacks of Cem 300 400 900 28, set 13-3/8 5/8" casing & rmation and r te cement.	8" casing & cement to sun 5 ½" cases or certify that any ative OCD-appro	0 0 0 cement to urface. sing and
Type Hole Size Casin Surf 17.5 13.: Inter 11 or 12-1/4 8.6 Prod 7.875 5. COG proposes to drill 17-1/2" surface. Drill 11" or 12-1/4" ho Drill 7 7/8" hole to 5400' w/ cu cement to surface. Note: On production string, a I hereby certify that the information grade tank has been/will be constructed of SIGNATURE Type or print name Robyn M. Company M.	ng Type Casing Wards 48 48 48 525 44 50 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	water mud ud system, v wt 9.1, vis 2 un, COG wi lete to the bes D guidelines TITLE rodom@co	Setting De 250 850 5400 system, wi wt 10, vis 3 29-32, test If attempt to st of my know, a general period Regulatory	t. 8.5, vis 10, set 8- 10 circula 10 wiedge an 11 or an 12 y Analys 11 urces.com	Sacks of Cem 300 400 900 228, set 13-3/8 5/8" casing & rmation and r te cement. d belief. I further (attached) alternate	8" casing & cement to sun 5 ½" cases or certify that any ative OCD-appro	0 0 0 cement to urface. sing and
Type Hole Size Casin Surf 17.5 13.: Inter 11 or 12-1/4 8.6 Prod 7.875 5. COG proposes to drill 17-1/2" surface. Drill 11" or 12-1/4" ho Drill 7 7/8" hole to 5400' w/ cu cement to surface. Note: On production string, a I hereby certify that the information grade tank has been/will be constructed of SIGNATURE	ng Type Casing Wards 48 48 48 525 44 50 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	water mud ud system, v wt 9.1, vis 2 un, COG wi lete to the bes D guidelines TITLE rodom@co	Setting De 250 850 5400 system, wi wt 10, vis 3 29-32, test It attempt to st of my know, a general period.	t. 8.5, vis 10, set 8- 10 circula 10 wiedge an 11 or an 12 y Analys 11 urces.com	Sacks of Cem 300 400 900 228, set 13-3/8 5/8" casing & rmation and r te cement. d belief. I further (attached) alternate	8" casing & cement to sun 5 ½" cases or certify that any ative OCD-appro	0 0 0 cement to urface. sing and