<u>District II</u> 1301 W. Grand Ave., Artesia, NM 88210 Phone:(505) 748-1283 Fax:(505) 748-9720

State of New Mexico

Form C-101 Permit 77732

Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

.m.im.	The state of the s							
	1. Operator Name and Address							
	229137							
9	550 W TEXAS MIDLAND , TX 79701	3. API Number						
*	WIIDLAND, IX 1910I	30-015-36479						
4. Property Code	5. Property Name	6. Well No.						
37287	KOOL AID STATE	002						

7. Surface Location

UL - Lo	Section	Township	Range Lot Idn Feet From N/S Line F		Feet From	E/W Line	County		
Н	24	17S	28E	Н	1650	N	330	E	EDDY

8. Pool Information

EMPIRE; GLORIETA-YESO	96210
EWING, ODORETH-TESO	70210

Additional Well Information

9. Work Type New Well	2002	ell Type IL	11. Cable/Rotary		12. Lease Type State	13. Ground Level Elevation 3694	
14. Multiple N	15. Prop	osed Depth	16. Formation Yeso Formation		17. Contractor	18. Spud Date 8/15/2008	
Depth to Ground water 110			Distance from neares	Distance to nearest surface water			
it: Liner: Synthetic [Closed Loop Syste	 m 🔀	mils thick	Clay Pit Volume:		lling Method: sh Water Brine :	Diesel/Oil-based Gas/Air	

19. Proposed Casing and Cement Program

Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	11	8.625	32	250	300	0
Prod	7.875	5.5	17	5400	1200	0

Casing/Cement Program: Additional Comments

COG proposes to drill an 11" hole to 250' w/fresh water mud system, vis 8.5, vis 28. Set 8-5/8" casing & cement to surface. Drill 7-7/8" hole to 5400' w/brine mud system, wt 8.7, vis 29-32. Test Yeso formation. Run 5-1/2" casing & cememt to surface. Note: On production string, a caliper will be run, COG will attempt to circulate cement.

Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	2000	

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 constructed according to	OIL CONSERVATION DIVISION Approved By: Tim Gum					
NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .						
Printed Name: Electronically filed by Diane Kuykendall	Title: District Supervisor					
Title: Regulatory Analyst	Approved Date: 8/10/2008 Expiration Date: 8/10/2010					
Email Address: dkuykendall@conchoresources.com						
Date: 7/29/2008 Phone: 432-683-7443						

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(505) 393-6161 Fax:(505) 393-0720

<u>District II</u>

1301 W. Grand Ave., Artesia, NM 88210 Phone:(505) 748-1283 Fax:(505) 748-9720

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico

Form C-102 Permit 77732

Energy, Minerals and Natural Resources Oil Conservation Division

1220 S. St Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

	LLL LOCATION AND ACK	EAGE DEDICATION I B	11		
1. API Number	2. Pool Code	3. Poo	l Name		
30-015-36479	96210	EMPIRE; GLORIETA-YESO			
4. Property Code	5. Property	6. Well No.			
37287	KOOL AID	002			
7. OGRID No.	8. Operator	Name	9. Elevation		
229137	COG OPERA	COG OPERATING LLC			

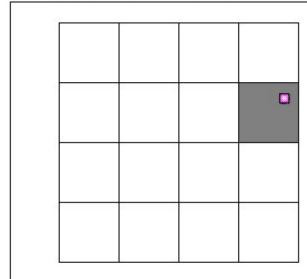
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
Н	24	17S	28E		1650	И	330	E	EDDY

11. Bottom Hole Location If Different From Surface

	11: Down Hote Boundar II Date Con Home State Co											
UL - Lot	Section	Townsh	P	Range	Lot	Idn	Feet From	N/S L	.ine	Feet From	E/W Line	County
):2013.05333	ated Acres		13	Joint or Infill		14	. Consolidation	Code	15. Order No.			

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



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Diane Kuykendall Title: Regulatory Analyst

Date: 7/29/2008

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 best of my belief.

Surveyed By: Ronald Eidson Date of Survey: 7/14/2008 Certificate Number: 3239

Permit Comments

Operator: COG OPERATING LLC , 229137 Well: KOOL AID STATE #002

API: 30-015-36479

Created By	Comment	Comment Date
IPEDWARDS	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	6/26/2008