

District I
625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

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

S

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address COG OPERATING LLC 550 W. Texas, Suite 1300 Midland, TX 79701		² OGRID Number 229137
³ JUN 30 2008 OCD-ARTESIA		³ API Number 30-015-32302
⁵ Property Code 302472	⁵ Property Name Continental A State	⁶ Well No 9
⁹ Proposed Pool 1 Empire; Glorieta-Yeso 96210		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no E	Section 30	Township 17S	Range 29E	Lot Idn	Feet from the 2310	North/South line North	Feet from the 580	East/West line West	County Eddy
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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
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Additional Well Information

¹¹ Work Type Code D	¹² Well Type Code O	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3664 GR
¹⁶ Multiple N	¹⁷ Proposed Depth 5500	¹⁸ Formation Yeso	¹⁹ Contractor	²⁰ Spud Date As soon as approved
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit	Liner Synthetic <input type="checkbox"/> _____ mils thick	Clay <input type="checkbox"/>	Pit Volume: _____ bbls	Drilling Method
Closed-Loop System <input checked="" type="checkbox"/>		Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>		

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2	13-3/8	54.5	329	325	
12-1/4	8-5/8	24	798	475	
7-7/8	5-1/2	15.5	4366	910	
4-3/4	4	11.3	5500	115	
	2-7/8 + 6g		4200		

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.

1. MIRU rig.
2. PU 4-3/4" bit and drill 4-3/4" from 4376' to 5500'.
3. POOH w/ bit and drillstring.
4. RIH w/ logs and log from TD to 4350'.
5. RIH w/ 4", 11.3# casing.
6. Cement casing from TD to 4300' w/ 115 sxs Class C cmt.
7. RDMO rig.

²³ 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 NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name Kanicia Carrillo		OIL CONSERVATION DIVISION	
Title Regulatory Analyst		Approved by Jim W. Greene	
E-mail Address kcarrillo@conchoresources.com		Title District II Supervisor	
		Approval Date 7/3/08	Expiration Date 7/3/10

Date 06/27/08	Phone 432-685-4332	Conditions of Approval Attached <input type="checkbox"/>
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-32302	² Pool Code 96210	³ Pool Name Empire; Glorieta-Yeso
⁴ Property Code 302472	⁵ Property Name Continental A State	⁶ Well Number 9
⁷ OGRID No. 229137	⁸ Operator Name COG OPERATING LLC	⁹ Elevation 3648

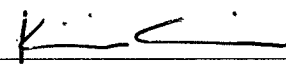
¹⁰ Surface Location

UL or lot no. E	Section 30	Township 17S	Range 29E	Lot Idn	Feet from the 2310	North/South line North	Feet from the 580	East/West line West	County Eddy
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¹¹ 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
¹² Dedicated Acres 40	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

¹⁶ 2310' 580' #9					¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Kanicia Carrillo Printed Name Regulatory Analyst Title and E-mail Address 06/27/08 Date
					¹⁸ SURVEYOR CERTIFICATION <i>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</i> Referred Original Survey Date of Survey Signature and Seal of Professional Surveyor
					Certificate Number