

District I
1625 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

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

NOV - 5 2008

OCD-ARTESIA

Form C-101
May 27, 2004

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 299437-229137
		³ API Number 30-015-31635
⁴ Property Code 37467	⁵ Property Name Loco Hills SWD	⁶ Well No 1
⁹ Proposed Pool 1 Wolfcamp		¹⁰ Proposed Pool 2

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
P	36	17S	30E		660	South	860	East	Eddy

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

Additional Well Information

¹¹ Work Type Code E	¹² Well Type Code S	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3594
¹⁶ Multiple N	¹⁷ Proposed Depth 9,500	¹⁸ Formation Wolfcamp	¹⁹ Contractor	²⁰ Spud Date As soon as approved
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
<input type="checkbox"/> Pit <input type="checkbox"/> 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	625	550	Surface
12-1/4	9-5/8	32.30	4014	1700	Surface
8-3/5	7	26	9500	850	3914 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

Administrative Order SWD-1146

COG Operating LLC will perform the following:

1. Clean and grade location.
2. Cut off existing dry hole marker and weld on starter head.
3. MIRT and drill out plugs.
4. Run and cement 7" casing.
5. Complete well as shown in our application for SWD status.



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
Title Regulatory Analyst
E-mail Address kcarrillo@conchoresources.com

OIL CONSERVATION DIVISION	
Approved by Jim W. Green	District II Supervisor
Approval Date 11/5/08	Expiration Date 11/5/10

Date 10/31/08	Phone 432-685-4332	Conditions of Approval Attached <input checked="" type="checkbox"/> CMT ON 7" CSG TO
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BE CIRC TO SURFACE

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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 30-015-31635		² Pool Code 96135		³ Pool Name SWD; Wolfcamp	
⁴ Property Code 37467		⁵ Property Name Loco Hills SWD			⁶ Well Number 1
⁷ OGRID No. 229137		⁸ Operator Name COG OPERATING LLC			⁹ Elevation 3594


¹⁰ Surface Location

UL or lot no. P	Section 36	Township 17S	Range 30E	Lot Idn	Feet from the 600	North/South line South	Feet from the 860	East/West line East	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		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

				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 10/31/08 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 Plat Date of Survey Signature and Seal of Professional Surveyor	
				Certificate Number	

660'

860'

