

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
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**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-101  
August 1, 2011  
Permit 156013

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

1. Operator Name and Address COG OPERATING LLC One Concho Center Midland, TX 79701		2. OGRID Number 229137
		3. API Number 30-025-40814
4. Property Code 39499	5. Property Name CONDOR STATE	6. Well No. 001H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	20	18S	35E	D	60	N	330	W	LEA

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	20	18S	35E	M	330	S	380	W	Lea

**9. Pool Information**

WC-025 G-06 S183518A;BONE SPRING	97930
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3950
16. Multiple N	17. Proposed Depth 13926	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 9/16/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1800	1150	
Int1	12.25	9.625	36	3350	825	
Prod	7.875	5.5	17	13926	1550	2850

**Casing/Cement Program: Additional Comments**

Plan to drill a 17-1/2" hole to 1800' with Fresh Water. Run 13-3/8", 54.5#, J-55 csg and cmt to surface. Drill 12-1/4" hole to 3350' with Brine, and run 9-5/8", 36#, J55 csg and cement to surface. Drill 7-7/8" pilot hole to 10,000'. Plug back pilot hole with cmt. Drill 7-7/8" curve and lateral with cut brine to approx 13,926'MD. Run 5-1/2", 17#, P-110 csg and cement to 2850' in 1 stage.

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature: Printed Name: Electronically filed by Diane Kuykendall Title: Production Reporting Mgr Email Address: dkuykendall@conchoresources.com Date: 10/10/2012      Phone: 432-683-7443	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 10/11/2012	Expiration Date: 10/11/2014
	Conditions of Approval Attached	

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Form C-102  
August 1, 2011  
Permit 156013

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-40814	2. Pool Code 97930	3. Pool Name WC-025 G-06 S183518A,BONE SPRING
4. Property Code 39499	5. Property Name CONDOR STATE	6. Well No. 001H
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3950

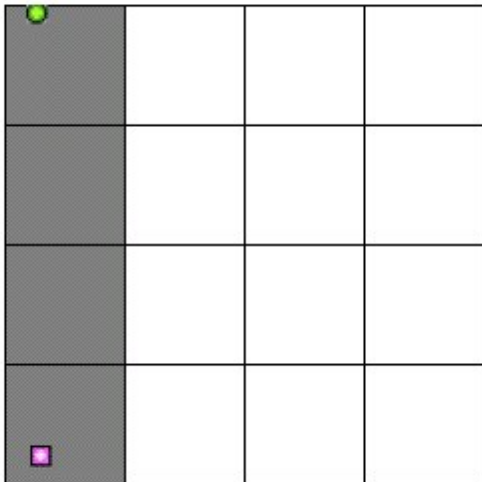
**10. Surface Location**

UL - Lot D	Section 20	Township 18S	Range 35E	Lot Idn	Feet From 60	N/S Line N	Feet From 330	E/W Line W	County LEA
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**11. Bottom Hole Location If Different From Surface**

11. Bottom Hole Location If Different From Surface									
UL - Lot M	Section 20	Township 18S	Range 35E	Lot Idn M	Feet From 330	N/S Line S	Feet From 380	E/W Line W	County LEA
12. Dedicated Acres 160.00		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**

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>E-Signed By: Diane Kuykendall Title: Production Reporting Mgr Date: 10/10/2012</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p><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></p> <p>Surveyed By: Chad Harcrow Date of Survey: 9/17/2012 Certificate Number: 17777</p>
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# Permit Comments

Operator: COG OPERATING LLC , 229137  
Well: CONDOR STATE #001H  
API: 30-025-40814

Created By	Comment	Comment Date
pkautz	Land s/S	10/10/2012

# Permit Conditions of Approval

**Operator:** COG OPERATING LLC , 229137

**Well:** CONDOR STATE #001H

**API:** 30-025-40814

OCD Reviewer	Condition
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string