

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 146267

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

1. Operator Name and Address COG PRODUCTION, LLC 550 W. Texas Avenue, Suite 100 Midland, TX 79701		2. OGRID Number 217955
		3. API Number 30-015-40162
4. Property Code 39165	5. Property Name BULLSEYE 22 STATE COM	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	22	24S	27E	D	330	N	990	W	EDDY

8. Pool Information

WILDCAT;BONE SPRING	96403
---------------------	-------

Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3236
14. Multiple N	15. Proposed Depth 12233	16. Formation 2nd Bone Spring Sand	17. Contractor	18. Spud Date 4/20/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

19. 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	48	300	300	
Int1	12.25	9.625	36	2200	600	
Prod	7.875	5.5	17	12233	2000	2000

Casing/Cement Program: Additional Comments

Plan to drill a 17-1/2" hole to 300' with Fresh Water. Run 13-3/8", 48#, J-55 csg and cmt to surface. Drill 12-1/4" hole to 2200' with Brine, and run 9-5/8", 36#, J55 and cement to surface. Drill 7-7/8" pilot hole to 10,500' then plug back to drill curve and lateral with cut brine to approx 12,233' MD. Run 5-1/2", 17#, P-110 csg and cement to 2000' in 1 stage.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	Cameron

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 NMOC guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by DIANE KUYKENDALL Title: Production Reporting Manager Email Address: dkuykendall@concho.com Date: 4/12/2012 Phone: 432-685-4372	OIL CONSERVATION DIVISION	
	Approved By: Randy Dade	
	Title: District Supervisor	
	Approved Date: 4/16/2012	Expiration Date: 4/16/2014
	Conditions of Approval Attached	

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-102
August 1, 2011
Permit 146267

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-40162	2. Pool Code 96403	3. Pool Name WILDCAT;BONE SPRING
4. Property Code 39165	5. Property Name BULLSEYE 22 STATE COM	6. Well No. 001H
7. OGRID No. 217955	8. Operator Name COG PRODUCTION, LLC	9. Elevation 3236

10. Surface Location

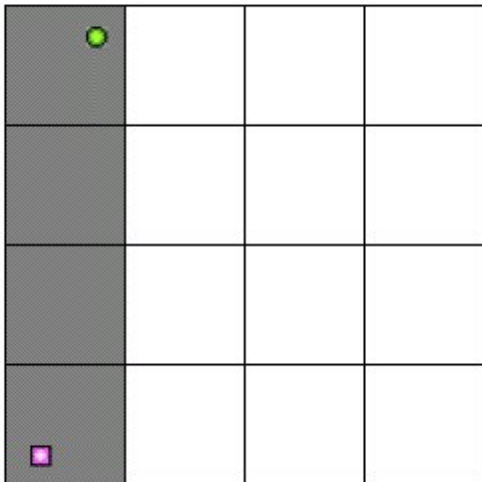
UL - Lot D	Section 22	Township 24S	Range 27E	Lot Idn	Feet From 330	N/S Line N	Feet From 990	E/W Line W	County EDDY
---------------	---------------	-----------------	--------------	---------	------------------	---------------	------------------	---------------	----------------

11. Bottom Hole Location If Different From Surface

UL - Lot M	Section 22	Township 24S	Range 27E	Lot Idn M	Feet From 330	N/S Line S	Feet From 380	E/W Line W	County EDDY
---------------	---------------	-----------------	--------------	--------------	------------------	---------------	------------------	---------------	----------------

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;">OPERATOR CERTIFICATION</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 Manager Date: 4/12/2012</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</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: Filimon Jaramillo Date of Survey: 3/13/2012 Certificate Number: PSL12797</p>
---	--

Permit Comments

Operator: COG PRODUCTION, LLC , 217955

Well: BULLSEYE 22 STATE COM #001H

API: 30-015-40162

Created By	Comment	Comment Date
matyereyes	OIL: COG Operating has conducted a review to determine if an H2S contingency plan is required for the above referenced well. We were able to conclude that any potential hazardous volume would be minimal. H2S concentrations of wells in this area from surface to TD are low enough; therefore we do not believe that an H2S Contingency Plan would be necessary.	4/12/2012
CSHAPARD	Land s/S	4/13/2012

Permit Conditions of Approval

Operator: COG PRODUCTION, LLC , 217955

Well: BULLSEYE 22 STATE COM #001H

API: 30-015-40162

OCD Reviewer	Condition
CSHAPARD	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