

**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 170190

**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
4. Property Code 38976		3. API Number 30-015-41555
5. Property Name STONEWALL 9 FEE		6. Well No. 003H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	9	19S	26E	B	150	S	2310	E	EDDY

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	9	19S	26E	O	330	N	2298	E	Eddy

**9. Pool Information**

ATOKA;GLORIETA-YESO	3250
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3357
16. Multiple N	17. Proposed Depth 7897	18. Formation Yeso Formation	19. Contractor	20. Spud Date 9/30/2013
Depth to Ground water 110		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	11	8.625	32	1200	700	0
Prod	7.875	5.5	17	7897	800	0

**Casing/Cement Program: Additional Comments**

COG proposes to drill an 11" hole to 1200' w/fresh water, run 8-5/8" 32# J-55 and cement to surface. Drill a 7-7/8" hole (and pilot hole) to 4600' and run logs. After evaluation, plug back pilot hole to 2300' with 1000 sacks of cement. Drill out to 2720' MD and kick off and drill curve to 3241' TVD 3547' MD. Drill a 7-7/8" lateral to new BHL @ 3165' TVD 7897' MD. Run a 5 1/2" 17# L-80 casing to TD cement to surface with 800 sacks.

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	2000	

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:	<b>OIL CONSERVATION DIVISION</b> Approved By: Randy Dade	
Printed Name: Electronically filed by Diane Kuykendall	Title: District Supervisor	
Title: Production Reporting Mgr	Approved Date: 7/17/2013	Expiration Date: 7/17/2015
Email Address: dkuykendall@conchoresources.com		
Date: 7/17/2013	Phone: 432-683-7443	Conditions of Approval Attached

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
August 1, 2011  
Permit 170190

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-41555	2. Pool Code 3250	3. Pool Name ATOKA;GLORIETA-YESO
4. Property Code 38976	5. Property Name STONEWALL 9 FEE	6. Well No. 003H
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3357

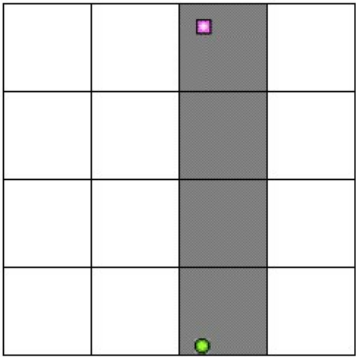
**10. Surface Location**

UL - Lot B	Section 9	Township 19S	Range 26E	Lot Idn O	Feet From 150	N/S Line S	Feet From 2310	E/W Line E	County EDDY
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**11. Bottom Hole Location If Different From Surface**

11. Bottom Hole Location & Distance From Surface									
UL - Lot O	Section 9	Township 19S	Range 26E	Lot Idn O	Feet From 330	N/S Line N	Feet From 2298	E/W Line E	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;"><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: 7/17/2013</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: Ronald Eidson Date of Survey: 7/8/2013 Certificate Number: 3239</p>
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## Permit Comments

**Operator:** COG OPERATING LLC , 229137

**Well:** STONEWALL 9 FEE #003H

**API:** 30-015-41555

Created By	Comment	Comment Date
kholly1	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	7/16/2013
kholly1	COG Operating LLC respectfully requests permission to drill this well with a closed loop system.	7/16/2013

## Permit Conditions of Approval

**Operator:** COG OPERATING LLC , 229137

**Well:** STONEWALL 9 FEE #003H

**API:** 30-015-41555

OCD Reviewer	Condition
RDADE	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
RDADE	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