

**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 173274

**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 30-015-41667
4. Property Code 38979	5. Property Name PINTO 36 STATE COM	6. Well No. 008H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	36	18S	25E	P	150	S	330	E	E

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	36	18S	25E	a	330	N	330	E	E

**9. Pool Information**

PENASCO DRAW;SA-YESO (ASSOC)	50270
------------------------------	-------

**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3449
16. Multiple N	17. Proposed Depth 7371	18. Formation Yeso Formation	19. Contractor	20. Spud Date 11/30/2013
Depth to Ground water 110		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000

We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	11	8.625	32	1200	700	0
Prod	7.875	5.5	17	7371	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 to 2243' MD and kick off and drill curve to 2764' TVD 3072' MD. Drill a 7-7/8" lateral to new BHL @ 2674' TVD 7371' 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
Double Ram	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.		<b>OIL CONSERVATION DIVISION</b>	
Signature:			
Printed Name: Electronically filed by Diane Kuykendall	Approved By: Randy Dade		
Title: Production Reporting Mgr	Title: District Supervisor		
Email Address: dkuykendall@conchoresources.com	Approved Date: 9/18/2013	Expiration Date: 9/18/2015	
Date: 9/16/2013	Phone: 432-683-7443	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 173274

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-41667	2. Pool Code 50270	3. Pool Name PENASCO DRAW;SA-YESO (ASSOC)
4. Property Code 38979	5. Property Name PINTO 36 STATE COM	6. Well No. 008H
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3449

**10. Surface Location**

UL - Lot P	Section 36	Township 18S	Range 25E	Lot Idn p	Feet From 150	N/S Line S	Feet From 330	E/W Line E	County E
---------------	---------------	-----------------	--------------	--------------	------------------	---------------	------------------	---------------	-------------

**11. Bottom Hole Location If Different From Surface**

UL - Lot A	Section 36	Township 18S	Range 25E	Lot Idn A	Feet From 330	N/S Line N	Feet From 330	E/W Line E	County E
---------------	---------------	-----------------	--------------	--------------	------------------	---------------	------------------	---------------	-------------

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**

	<b>OPERATOR CERTIFICATION</b>	
	<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>	
	E-Signed By:	Diane Kuykendall
	Title:	Production Reporting Mgr
Date:	9/16/2013	
	<b>SURVEYOR CERTIFICATION</b>	
<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>		
Surveyed By:	Ronald Eidson	
Date of Survey:	7/15/2013	
Certificate Number:	3239	



**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 APD Conditions

Permit 173274

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: COG OPERATING LLC [229137] One Concho Center Midland, TX 79701	API Number: 30-015-41667
	Well: PINTO 36 STATE COM #008H

OCD Reviewer	Condition
--------------	-----------