

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) 749-1283 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 197070

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 38979		3. API Number 30-015-42877
5. Property Name PINTO 36 STATE COM		6. Well No. 009H

7. Surface Location

UL - Lot M	Section 31	Township 18S	Range 26E	Lot Idn	Feet From 436	N/S Line S	Feet From 194	E/W Line W	County Eddy
---------------	---------------	-----------------	--------------	---------	------------------	---------------	------------------	---------------	----------------

8. Proposed Bottom Hole Location

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

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 Private	15. Ground Level Elevation 3455
16. Multiple N	17. Proposed Depth 7784	18. Formation Yeso Formation	19. Contractor	20. Spud Date 3/8/2015
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

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	
Prod	7.875	5.5	17	7784	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 2258' MD and kick off and drill curve to 2778' TVD 3092' MD. Drill a 7 7/8" lateral to new BHL @ 2631' TVD 7784' 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 and/or 19.15.14.9 (B) NMAC , if applicable.

OIL CONSERVATION DIVISION

Signature:		Approved By: Randy Dade	
Printed Name: Electronically filed by Diane Kuykendall		Title: District Supervisor	
Title: Production Reporting Mgr		Approved Date: 12/23/2014	Expiration Date: 12/23/2016
Email Address: production@concho.com		Conditions of Approval Attached	
Date: 12/17/2014	Phone: 432-683-7443		

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) 749-1283 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 197070

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-42877	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. 009H
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3455

10. Surface Location

UL - Lot M	Section 31	Township 18S	Range 26E	Lot Idn	Feet From 436	N/S Line S	Feet From 194	E/W Line W	County Eddy
---------------	---------------	-----------------	--------------	---------	------------------	---------------	------------------	---------------	----------------

11. Bottom Hole Location If Different From Surface

UL - Lot M	Section 36	Township 18S	Range 25E	Lot Idn	Feet From 330	N/S Line S	Feet From 330	E/W Line W	County Eddy
12. Dedicated Acres 159.00			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

<table border="1" style="width: 100%; height: 100%;"> <tr><td style="width: 25%; height: 25%;"></td><td style="width: 25%; height: 25%;"></td><td style="width: 25%; height: 25%;"></td><td style="width: 25%; height: 25%;"></td></tr> <tr><td style="width: 25%; height: 25%;"></td><td style="width: 25%; height: 25%;"></td><td style="width: 25%; height: 25%;"></td><td style="width: 25%; height: 25%;"></td></tr> <tr><td style="width: 25%; height: 25%;"></td><td style="width: 25%; height: 25%;"></td><td style="width: 25%; height: 25%;"></td><td style="width: 25%; height: 25%;"></td></tr> <tr style="background-color: #cccccc;"><td style="width: 25%; height: 25%;"></td><td style="width: 25%; height: 25%;"></td><td style="width: 25%; height: 25%;"></td><td style="width: 25%; height: 25%;"></td></tr> </table>																	<p 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 Mgr Date: 12/17/2014</p> <hr/> <p 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: Ronald Eidson Date of Survey: 9/3/2014 Certificate Number: 3239</p>

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 Comments

Permit 197070

PERMIT COMMENTS

Operator Name and Address: COG OPERATING LLC [229137] One Concho Center Midland, TX 79701	API Number: 30-015-42877
	Well: PINTO 36 STATE COM #009H

Created By	Comment	Comment Date
------------	---------	--------------

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 197070

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: COG OPERATING LLC [229137] One Concho Center Midland, TX 79701	API Number: 30-015-42877
	Well: PINTO 36 STATE COM #009H
OCD Reviewer	Condition