

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 179118

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 30-015-41907
4. Property Code 40306	5. Property Name MYOX 5 STATE	6. Well No. 001H

7. Surface Location

UL - Lot A	Section 5	Township 26S	Range 28E	Lot Idn 1	Feet From 190	N/S Line N	Feet From 420	E/W Line E	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot P	Section 5	Township 26S	Range 28E	Lot Idn P	Feet From 330	N/S Line S	Feet From 660	E/W Line E	County Eddy
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9. Pool Information

DELAWARE RIVER;BONE SPRING	16800
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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 3006
16. Multiple N	17. Proposed Depth 12529	18. Formation Bone Spring	19. Contractor	20. Spud Date 2/1/2014
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	17.5	13.375	48	660	500	0
Int1	12.25	9.625	36	2425	650	0
Prod	7.875	5.5	17	12529	1500	2225

Casing/Cement Program: Additional Comments

Plan to drill 17 1/2" hole to 660' w/fresh water. Run 13 3/8" 48# H-40 csg and cement to surface. Drill 12 1/4" hole to 2425' w/brine . Run 9 5/8" 36# J-55 csg and cement to surface in one stage. Drill 7 7/8" curve and lateral with cut brine to approximately 12529' MD. Run 5 1/2" 17# P-110 csg and cement to 2225' in one stage.



22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Cameron

<p>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.</p> <p>Signature: _____</p> <p>Printed Name: Electronically filed by Diane Kuykendall</p> <p>Title: Production Reporting Mgr</p> <p>Email Address: dkuykendall@conchoresources.com</p> <p>Date: 12/30/2013 Phone: 432-683-7443</p>	<p>OIL CONSERVATION DIVISION</p> <p>Approved By: Randy Dade</p> <p>Title: District Supervisor</p> <p>Approved Date: 1/2/2014 Expiration Date: 1/2/2016</p> <p>Conditions of Approval Attached</p>
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Permit 179118

OPERATOR CERTIFICATION

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.

E-Signed By: Diane Kuykendall
Title: Production Reporting Mgr
Date: 12/30/2013

SURVEYOR CERTIFICATION

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.

Surveyed By: Chad Harcrow
Date of Survey: 7/2/2013
Certificate Number: 17777

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Form APD Comments

Permit 179118

PERMIT COMMENTS

Operator Name and Address: COG OPERATING LLC [229137] One Concho Center Midland, TX 79701		API Number: 30-015-41907
		Well: MYOX 5 STATE #001H
Created By	Comment	Comment Date
CSHAPARD	Land s/S	1/2/2014

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Form APD Conditions
Permit 179118

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: COG OPERATING LLC [229137] One Concho Center Midland, TX 79701		API Number: 30-015-41907
		Well: MYOX 5 STATE #001H
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	