

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 258422

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

1. Operator Name and Address COG OPERATING LLC 550 W Texas Midland , TX 79701		2. OGRID Number 229137
4. Property Code 317779		3. API Number 30-015-45319
5. Property Name ROADSTER STATE COM		6. Well No. 808H

7. Surface Location

UL - Lot D	Section 4	Township 24S	Range 27E	Lot Idn 4	Feet From 210	N/S Line N	Feet From 330	E/W Line W	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot M	Section 9	Township 24S	Range 27E	Lot Idn M	Feet From 200	N/S Line S	Feet From 330	E/W Line W	County Eddy
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9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220
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Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3215
16. Multiple N	17. Proposed Depth 19652	18. Formation Wolfcamp	19. Contractor	20. Spud Date 10/18/2018
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	24	20	57	120	100	0
Int1	17.5	13.375	54.5	2000	1400	0
Int2	12.25	9.625	40	8925	2000	0
Prod	8.75	5.5	20	19652	2600	8425

Casing/Cement Program: Additional Comments

Drill 24" hole to 120' into the Rustler (Preset). Run 20" 57# conductor pipe to TD and cement to surface. Drill 17-1/2" hole to ~2,000' w/ 10# brine mud. Run 13-3/8" 54.5# J-55 BTC casing to TD and cement to surface in one stage. Drill 12-1/4" hole to ~8,925' with cut brine. Run 9-5/8 40# L-80 BTC to TD and cement to surface in one stage. Drill 8-3/4" vertical hole, curve & lateral to 19652' with OBM. Run 5-1/2" 20# P110 BTC casing from TD to surface and cement to 8425' in one stage.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	Cameron

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:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Diane Kuykendall	Approved By: Raymond Podany
Title: Production Reporting Mgr	Title: Geologist
Email Address: dkuykendall@concho.com	Approved Date: 10/15/2018 Expiration Date: 10/15/2020
Date: 10/11/2018 Phone: 432-683-7443	Conditions of Approval Attached

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Santa Fe, NM 87505

Form C-102

August 1, 2011

Permit 258422

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-45319	2. Pool Code 98220	3. Pool Name PURPLE SAGE:WOLFCAMP (GAS)
4. Property Code 317779	5. Property Name ROADSTER STATE COM	6. Well No. 808H
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3215

10. Surface Location

UL - Lot D	Section 4	Township 24S	Range 27E	Lot Idn 4	Feet From 210	N/S Line N	Feet From 330	E/W Line W	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot M	Section 9	Township 24S	Range 27E	Lot Idn	Feet From 200	N/S Line S	Feet From 330	E/W Line W	County Eddy
12. Dedicated Acres 640.76	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>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</p> <p>Title: Production Reporting Mgr</p> <p>Date: 10/11/2018</p>
	<p>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: Chad Harcrow</p> <p>Date of Survey: 7/24/2018</p> <p>Certificate Number: 17777</p>

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Form APD Comments
 Permit 258422

PERMIT COMMENTS

Operator Name and Address: COG OPERATING LLC [229137] 550 W Texas Midland , TX 79701		API Number: 30-015-45319
		Well: ROADSTER STATE COM #808H

Created By	Comment	Comment Date
mreyes3	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.	10/11/2018
mreyes3	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.	10/11/2018

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Form APD Conditions

Permit 258422

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: COG OPERATING LLC [229137] 550 W Texas Midland , TX 79701		API Number: 30-015-45319
		Well: ROADSTER STATE COM #808H
OCD Reviewer	Condition	
rpodany	Will require a directional survey with the C-104	
rpodany	Cement is required to circulate on both surface and intermediate1 strings of casing	