

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-8161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 749-1283 Fax:(575) 749-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-8178 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 201133

**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 39004		5. Property Name BRADLEY 8 FEE
		3. API Number 30-015-42978
		6. Well No. 008H

**7. Surface Location**

UL - Lot	P	Section	8	Township	19S	Range	26E	Lot Idn	Feet From	190	N/S Line	S	Feet From	340	E/W Line	E	County	Eddy
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**8. Proposed Bottom Hole Location**

UL - Lot	A	Section	8	Township	19S	Range	26E	Lot Idn	A	Feet From	330	N/S Line	N	Feet From	330	E/W Line	E	County	Eddy
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**9. Pool Information**

WILDCAT G-01 S192617K;GLOR-YESO	97788
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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 3364
16. Multiple N	17. Proposed Depth 7697	18. Formation Yeso Formation	19. Contractor	20. Spud Date 10/1/2015
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	7697	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 2580' MD and kick off and drill curve to 3301' TVD 3402' MD. Drill a 7 7/8" lateral to new BHL @ 3063' TVD 7697' 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.  Signature: _____ Printed Name: Electronically filed by Diane Kuykendall Title: Regulatory Analyst Email Address: dkuykendall@conchoresources.com Date: 3/10/2015	<b>OIL CONSERVATION DIVISION</b>  Approved By: Randy Dade Title: District Supervisor Approved Date: 3/12/2015 Expiration Date: 3/12/2017 Conditions of Approval Attached
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Form C-102  
August 1, 2011  
Permit 201133

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-42978	2. Pool Code 97788	3. Pool Name WILDCAT G-01 S192617K;GLOR-YESO
4. Property Code 39004	5. Property Name BRADLEY 8 FEE	6. Well No. 008H
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3364

**10. Surface Location**

UL - Lot P	Section 8	Township 19S	Range 26E	Lot Idn	Feet From 190	N/S Line S	Feet From 340	E/W Line E	County Eddy
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**11. Bottom Hole Location If Different From Surface**

UL - Lot A	Section 8	Township 19S	Range 26E	Lot Idn	Feet From 330	N/S Line N	Feet From 330	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**

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Form APD Comments  
 Permit 201133

**PERMIT COMMENTS**

Operator Name and Address: COG OPERATING LLC [229137] One Concho Center Midland, TX 79701		API Number: 30-015-42978
		Well: BRADLEY 8 FEE #008H
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.	3/10/2015

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Form APD Conditions

Permit 201133

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: COG OPERATING LLC [229137] One Concho Center Midland, TX 79701	API Number: 30-015-42978
	Well: BRADLEY 8 FEE #008H

OCD Reviewer	Condition
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