

**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**  
1080 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

# State of New Mexico

Form C-101  
Revised July 18, 2013

## Energy Minerals and Natural Resources

### Oil Conservation Division

### NM OIL CONSERVATION

ARTESIA DISTRICT

1220 South St. Francis Dr.

Santa Fe, NM 87505

JUL 07 2015

RECEIVED

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

Operator Name and Address COG Operating LLC 2208 West Main Street Artesia, NM 88210		OGRID Number 229137
Property Code 40339		API Number 30-015-43202
Property Name Craig State		Well No 2H

#### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet from	E/W Line	County
D	36	25S	26E		210'	North	800'	West	Eddy

#### 8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet from	E/W Line	County
M	36	25S	26E		330'	South	660'	West	Eddy

#### 9. Pool Information

Pool Name	Pool Code
Wickley; G-03 S252636M; Bone Spring	97818

#### Additional Well Information

11 Work Type New Well	12 Well Type Oil	13 Cable/Rotary	14 Lease Type State	15 Ground Level Elevation 3244.1'
16 Multiple N	17 Proposed Depth 11901'	18 Formation Bone Spring	19 Contractor	20 Spud Date 6/10/2015
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
Surface	17.5	13.375	48	300'	250	
Intmd	12.25	9.625	36	1930'	525	
Production	8.75	5.5	17	11901'	2100	1730

#### Casing/Cement Program: Additional Comments

Plan to drill a 17-1/2" hole to 300' with Fresh Water. Run 13-3/8", 48#, J-55 csg and cmt to surface. Drill 12-1/4" hole to 1930' with Brine, and run 9-5/8", 36# J55 and cement to surface. Drill 8-3/4" vertical & curve. Drill 8-3/4" lateral with cut brine to approximately 11,901' MD. Run 5-1/2", 17#, P-110 csg and cement to 1730'.

#### 22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Horn

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable.

Signature: *Mayte Reyes*

Printed name: Mayte Reyes

Title: Regulatory Analyst

E-mail Address: mreyes1@concho.com

Date: 6/2/2015

Phone: 575-748-6945

#### OIL CONSERVATION DIVISION

Approved By:

*RR Dade*

Title: *DIST #1 Supervisor*

Approved Date: *7-8-2015*

Expiration Date: *7-8-2017*

Conditions of Approval Attached

DISTRICT I  
1625 N. FRENCH DR., BOBBS, NM 88240  
Phone: (505) 393-6181 Fax: (505) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (505) 746-1283 Fax: (505) 746-0720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-0178 Fax: (505) 334-0170

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-015- <b>43202</b>	Pool Code 97818	Pool Name Wildcat; G-03 S252636M; Bone Spring
Property Code <b>40339</b>	Property Name CRAIG STATE	Well Number 2H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3244.1

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	36	25-S	26-E		210'	NORTH	800'	WEST	EDDY

**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	36	25-S	26-E		330'	SOUTH	660'	WEST	EDDY

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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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

