

Submit 1 Copy To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
October 13, 2009

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	7. Lease Name or Unit Agreement Name Goose State
2. Name of Operator COG Operating LLC	8. Well Number 2H
3. Address of Operator 2208 W. Main Street, Artesia, NM 88210	9. OGRID Number 229137
4. Well Location Unit Letter <u>D</u> : <u>190</u> feet from the <u>North</u> line and <u>330</u> feet from the <u>West</u> line Section <u>32</u> Township <u>20S</u> Range <u>34E</u> NMPM Lea County	10. Pool name or Wildcat WC-025 G-08 S213304D; Bone Spring
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3715.9' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input checked="" type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> OTHER: <input checked="" type="checkbox"/> BHL Change	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COG Operating LLC respectfully requests approval for the following change to the above referenced APD.

BHL Change

From: 330' FSL & 380' FWL Section 32. T20S. R34E
To: 2970' FSL & 660' FEL Section 5. T21S. R33E

C102 Attached.

Drilling changes attached.

Spud Date:

Rig Release Date:

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

SIGNATURE Mayte Reyes TITLE: Regulatory Analyst DATE: 11/6/2015

Type or print name: Mayte Reyes E-mail address: mreyes1@conchoresources.com PHONE: (575) 748-6945

For State Use Only

APPROVED BY: [Signature] TITLE: Petroleum Engineer DATE: 12/01/15

Conditions of Approval (if any):

DEC 02 2015

Ka

Goose State 2H

Proposed Depth 21,090' MD.

Proposed Casing and Cement Program

TYPE	HOLE SIZE	CASING SIZE	CASING WT.	SETTING DEPTH	SACKS OF CEMENT	ESTIMATED TOC
SURF	17.5	13.375	54.5	1780	1050	
INT 1	12.25	9.625	40	5500	1450	
PROD	8.75	5.5	17	21090	3000	5200

Casing/Cement Program: Additional Comments

Plan to drill a 17-1/2" hole to 1780' with Fresh Water. Run 13-3/8", 54.5# J-55 STC casing and cement to surface in one stage. Will use 1" tubing and Class C w/ 2% CaCl₂ to cement to surface if necessary. Drill 12-1/4" hole to ~5500' with Saturated Brine. If losses occur in the Reef, will switch to freshwater to interval TD. Run 9-5/8", 5450' of 40# J-55/N/L-80 BTC to TD with a DV Tool placed ~ 100' above the Reef. Plan to circulate cement on both stages. Drill an 8-3/4" vertical hole, curve and lateral to 21,090' with cut brine. Run 5-1/2" P-110 casing and cement to a minimum of 5200' TOC to tie into 9-5/8" Intermediate Casing at 5500'.

PROPOSED BLOWOUT PREVENTION PROGRAM

DOUBLE RAM 3000 PSI WP 3000 PSI TEST PRESS CAMERON