

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

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

Form C-103

October 13, 2009

<p align="center">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.)</p>		<p>WELL API NO. 30-025-42945</p>
<p>1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/></p>		<p>5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/></p>
<p>2. Name of Operator COG Operating LLC</p>		<p>6. State Oil & Gas Lease No.</p>
<p>3. Address of Operator 2208 W. Main Street, Artesia, NM 88210</p>		<p>7. Lease Name or Unit Agreement Name Vast State</p>
<p>4. Well Location Unit Letter <u>O</u> : <u>210</u> feet from the <u>South</u> line and <u>1650</u> feet from the <u>East</u> line Section <u>17</u> Township <u>26S</u> Range <u>33E</u> NMPM Lea County</p>		<p>8. Well Number 4H</p>
<p>11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3263'</p>		<p>9. OGRID Number 229137</p>
		<p>10. Pool name or Wildcat Red Hills; Upper Bone Spring Shale</p>

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

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK
- TEMPORARILY ABANDON
- PULL OR ALTER CASING
- DOWNHOLE COMMINGLE
- OTHER BHL Change
- PLUG AND ABANDON
- CHANGE PLANS
- MULTIPLE COMPL

SUBSEQUENT REPORT OF:

- REMEDIAL WORK
- COMMENCE DRILLING OPNS.
- CASING/CEMENT JOB
- OTHER:
- ALTERING CASING
- P AND A

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 changes to the original approved APD.

BHL

From: 330' FNL & 1650' FEL Section 17. T26S. R33E.
To: 50' FNL & 1650' FEL Section 17. T26S. R33E. (LTP will be at 330' FNL)

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: 4/29/2016

Type or print name: Mayte Reyes E-mail address: mreyes1@conchoresources.com PHONE: (575) 748-6945
For State Use Only Petroleum Engineer

APPROVED BY: [Signature] TITLE _____ DATE 04/29/16
Conditions of Approval (if any): _____

MAY 09 2016

DISTRICT I
 1625 N. Franch Dr., Hobbs, NM 88240
 Phone (575) 393-6161 Fax: (575) 393-6720

DISTRICT II
 611 S. First St., Artesia, NM 86210
 Phone (575) 746-1253 Fax: (575) 746-9789

DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone (505) 354-8179 Fax: (505) 354-8170

DISTRICT IV
 1226 S. St. Francis Dr., Santa Fe, NM 87505
 Phone (505) 476-3468 Fax: (505) 476-3462

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-102
 Revised August 1, 2011

Submit one copy to appropriate
 District Office

OIL CONSERVATION DIVISION
 1226 South St. Francis Dr.
 Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-025-42945	Pool Code 97900	Pool Name Red Hills; Upper Bone Spring Shale
Property Code	Property Name VAST STATE	Well Number 4H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3263

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	17	26 S	33 E		210	SOUTH	1650	EAST	LEA

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
B	17	26 S	33 E		50	NORTH	1650	EAST	LEA

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

N: 382924.1 E: 726473.1 (NAD-27)	N: 382941.0 E: 729115.4 (NAD-27)		N: 382949.5 E: 730438.6 (NAD-27)	N: 382957.9 E: 731761.8 (NAD-27)	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 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>Melanie J Wilson</i> 4/29/16 Signature Date Melanie J Wilson Printed Name mwilson@concho.com Email Address
					PROPOSED BOTTOM HOLE LOCATION Lat - N 32.050524° Long - W 103.590624° NMSPC- N 382897.4 E 730112.2 (NAD-27)
N: 377642.7 E: 726512.9 (NAD-27)	N: 377656.7 E: 729157.6 (NAD-27)	S.L. 210'	N: 377663.6 E: 730480.3 (NAD-27)	N: 377670.6 E: 731802.7 (NAD-27)	0' 500' 1000' 1500' 2000' SCALE: 1" = 1000' WO Num.: 31959

4.28.16

Sundry for BHL Revision for Vast State #4H

Revised Proposed Depth 14,113' MD based on a revised BHL of 50' FNL & 1650 FEL that will allow us to perforate the lateral at the 330' offset line.

Revised Production Casing and Cement Program

TYPE	HOLE SIZE	CASING SIZE	CASING WT.	SETTING DEPTH	SACKS OF CEMENT	ESTIMATED TOC
PROD	8.75	5.5	17	14,113	2050	0

Casing/Cement Program: Additional Comments

Drill an 8-3/4" vertical, curve and lateral to ~14,113' with Brine/Cut Brine. Run 5-1/2" 17# P 110 LTC. Cement in one stage circulating cement to 300' inside 9-5/8" intermediate casing.

No other changes. Revised Plat and Directional Drilling Program Attached.