

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

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.)		WELL API NO. 30-025-42945
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator COG Operating LLC		6. State Oil & Gas Lease No.
3. Address of Operator 2208 W. Main Street, Artesia, NM 88210		7. Lease Name or Unit Agreement Name Vast State
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		8. Well Number 4H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3263'		9. OGRID Number 229137
		10. Pool name or Wildcat Red Hills; Upper Bone Spring Shale

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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. French Dr., Hobbs, NM 88240
Phone (575) 353-6161 Fax: (575) 353-6720

DISTRICT II
611 S. First St., Artesia, NM 88210
Phone (505) 745-1253 Fax: (505) 745-9789

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

DISTRICT IV
1226 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 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

<p>N: 382924.1 E: 726473.1 (NAD-27)</p> <p>N: 382941.0 E: 729115.4 (NAD-27)</p> <p>PROPOSED BOTTOM HOLE LOCATION Lat - N 32.050524° Long - W 103.590624° NMSPC- N 382897.4 E 730112.2 (NAD-27)</p>	<p>N: 382949.5 E: 730438.6 (NAD-27)</p> <p>N: 382957.9 E: 731761.8 (NAD-27)</p> <p>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.</p> <p><i>Melanie J Wilson</i> 4/29/16 Signature Date Melanie J Wilson Printed Name mwilson@concho.com Email Address</p>
<p>N: 377642.7 E: 726512.9 (NAD-27)</p> <p>N: 377656.7 E: 729157.6 (NAD-27)</p> <p>SURFACE LOCATION Lat - N 32.036708° Long - W 103.590610° NMSPC- N 377871.9 E 730151.5 (NAD-27)</p>	<p>N: 377663.6 E: 730480.3 (NAD-27)</p> <p>N: 377670.6 E: 731802.7 (NAD-27)</p> <p>SURVEYOR CERTIFICATION 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.</p> <p>SEPTEMBER 09, 2015 Date Surveyed Signature of Professional Surveyor 7977 Certification No. Gary Land Lines 7977 Scale 1" = 1000' WO Num.: 31959</p>

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.