

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-015-41199
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 SRO State Com
4. Well Location Unit Letter <u>C</u> : <u>190</u> feet from the <u>North</u> line and <u>1700</u> feet from the <u>West</u> line Section <u>3</u> Township <u>26S</u> Range <u>28E</u> NMPM Eddy County		8. Well Number 39H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2954.3'		9. OGRID Number 229137
		10. Pool name or Wildcat Red Bluff; Bone Spring

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: ☒ SHL 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 on the above referenced APD.

**SHL Change**

From: 330' FSL & 1980' FWL Section 34, T25S, R28E  
To: 190' FNL & 1980' FWL Section 3, T26S, R28E  
C102 attached.

**Drilling Change**

Drilling program 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: 3/3/2015

Type or print name: Mayte Reyes

E-mail address: mreyes1@conchoresources.com

PHONE: (575) 748-6945

**For State Use Only**

APPROVED BY:

*Pat Dade*

TITLE

*Pat Dade*

DATE

3/4/15

Conditions of Approval (if any):

DISTRICT I  
1625 N. FRENCH DR., HOHES, NM 88240  
Phone: (505) 353-6181 Fax: (505) 353-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (505) 740-1223 Fax: (505) 740-0720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87509  
Phone: (505) 478-3460 Fax: (505) 478-3462

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 30-015-41199	Pool Code 50990	Pool Name Red Bluff; Bone Spring
Property Code 308055	Property Name SRO STATE COM	Well Number 39H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 2954.3

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	3	26-S	28-E		190	NORTH	1700	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
C	34	25-S	28-E		330	NORTH	1980	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

<p>Y=397762.3 N X=578854.0 E</p> <p>NAD 27 PROPOSED BOTTOM HOLE LOCATION Y=397438.0 N X=579501.5 E LAT.=32.092413° N LONG.=104.076615° W</p> <p>Y=392483.9 N X=578816.8 E</p> <p>NAD 27 SURFACE LOCATION Y=392296.1 N X=579190.7 E LAT.=32.078280° N LONG.=104.077658° W</p>	<p>SECTION 34 SECTION 3</p> <p>LOT 4 40.48 Ac LOT J 40.36 Ac LOT 2 40.32 Ac LOT 1 40.19 Ac</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unlicensed 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature <u>Mayte Reyes</u> Date <u>3-3-15</u></p> <p>Printed Name <u>Mayte Reyes</u></p> <p>E-mail Address <u>mireyes@concho.com</u></p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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>JULY 15, 2014</p> <p>Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p> CHAD L. HARGROW NEW MEXICO 17777 LICENSED PROFESSIONAL SURVEYOR</p> <p>7/28/14</p> <p>Certificate No. CHAD HARGROW 1777</p> <p>W.O. 14-604 DRAWN BY: JC</p>
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**SRO State Com 39H  
30-015-41199**

**Revised Drilling Plan  
03-03-2015**

**Casing and Cement**

<u>String</u>	<u>Hole Size</u>	<u>Csg OD</u>	<u>PPF</u>	<u>Depth</u>	<u>Sx Cement</u>	<u>TOC</u>
Surface	17-1/2"	13-3/8"	54.5#	620'	490	0'
Intermediate	12-1/4"	9-5/8"	36#	2510'	825	0'
Production	8-3/4"	5-1/2"	17#	13089'	2195	0'

**Well Plan**

Drill 17-1/2" hole to ~620' w/ fresh water spud mud. Run 13-3/8" 54.5# J55 STC casing to TD and cement to surface in one stage. Will use 1" tubing and Class C w/ 2% CaCl<sub>2</sub> to cement to surface, if necessary.

Drill 12-1/4" hole to ~2510' with saturated brine water. Run 9-5/8" 36# J55 LTC casing to TD and cement to surface in one stage.

Drill 8-3/4" vertical hole, curve and lateral to 13089' with cut brine. Run 5-1/2" 17# P110 LTC casing to TD and cement to surface in one stage.

**Well Control**

<u>Type</u>	<u>Working Pressure</u>	<u>Test Pressure</u>	<u>Manufacturer</u>
Double Ram	3000	3000	Cameron