

Submit 3 Copies 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  
May 27, 2004

WELL API NO. <b>30-005-29189</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Hoptoit State Com</b>
8. Well Number <b>2</b>
9. OGRID Number <b>229137</b>
10. Pool name or Wildcat <b>Wildcat; San Andres</b> <b>&lt;92925&gt;</b>

MAR 09 2012

RECEIVED

**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 ☒ Gas Well ☐ Other ☐

2. Name of Operator  
**COG Operating LLC**

3. Address of Operator  
**550 W. Texas Ave., Suite 100 Midland, TX 79701**

4. Well Location  
Unit Letter **L** : **1650'** feet from the **South** line and **330'** feet from the **West** line  
Section **23** Township **15S** Range **31E** NMPM County **Chaves**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**4384' GR**

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

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 ☐  
OTHER: ☐

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COG Operating LLC respectfully requests permission pursue up-hole potential on the Hoptoit. The Hoptoit was originally permitted to drill a lateral into the Abo/Wolfcamp formation. However, upon test results from the pilot vertical wellbore, we found that the Abo/Wolfcamp formation will not be economical. We did find potential at shallow depths from our mud log and open hole logs. The logs indicated economical potential in the San Andres.

We would like to perforate at the following depths.

5448 - 5456, 5404 - 5412, 5356 - 5364, 5322 - 5328, 5280 - 5288, 5244 - 5252 w/2spf, 120° phasing.

5214 - 5220, 5178 - 5186 & 5148 - 5156 w/2spf, 120° phasing.

5034 - 5040, 5010 - 5018, 4970 - 4978, 4948 - 4952 w/2spf, 120° phasing

4680 - 4688, 4666 - 4672, 4588 - 4596, 4562 - 4568 & 4468 - 4476 w/2spf, 120° phasing.

After perforating, we will acidize each interval with 3500 gallons 15% NE HCL. Swab testing will follow acidizing. With the results of the swab test, we will pursue a lateral wellbore through the San Andres or plug/abandon well.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Robyn M. Odom TITLE Regulatory Analyst DATE 03-08-2012

Type or print name Robyn M. Odom E-mail address: rodome@concho.com Telephone No. 432-685-4385

For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE 3-9-2012

Conditions of Approval (if any):

MAR 12 2012

dm

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  
1000 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  
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 30-005-29189	Pool Code 97925	Pool Name WILDCAT; SAN ANDRES
Property Code 38632	Property Name HOPTOIT STATE COM	Well Number 2
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 4384'

Surface Location									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	23	15-S	31-E		1650	SOUTH	330	WEST	CHAVES

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
I	23	15-S	31-E		1650	SOUTH	330	EAST	CHAVES
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

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>CORNER COORDINATES TABLE</p> <p>(A) - Y=728398.3 N, X=663375.6 E</p> <p>(B) - Y=728444.6 N, X=668660.0 E</p> <p>(C) - Y=727078.4 N, X=663382.0 E</p> <p>(D) - Y=727124.7 N, X=668667.7 E</p>		<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=727411.1 N X=663710.3 E</p> <p>LAT.=32.998578° N LONG.=103.799362° W</p> <p>BOTTOM HOLE LOCATION Y=727451.6 N X=668335.9 E</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 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>[Signature]</i> Date: 3/8/2012</p> <p>Printed Name: Robyn M. Odom</p> <p>E-mail Address: Rodom@concho.com</p>
<p>GRID. AZ.=89°29'51"</p> <p>HORIZ. DIST.=4626.9'</p>		<p>330' S.L.</p> <p>330' B.H.</p> <p>1650'</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>NOVEMBER 16, 2011</p> <p>Date of Survey</p> <p>Signature: <i>[Signature]</i> Professional Surveyor:</p> <p>NEW MEXICO</p> <p>3239</p> <p>12641</p> <p>3239</p> <p>JWSC W.O. 11.11.2483</p>

MAR 12 2012

CMD:  
OG6POOL

ONGARD  
MAINTAIN POOL

Pool Code	:	97925	Pool Name :	WC-005 G-01 S153123L;SAN ANDRES	
OCD Order No	:	R	0	Pool Creation Date :	01-01-1900
Pool Type	:	O	(O/G/A)	Last Updation Date :	01-01-1900
Pool Region	:	S	(N/S)		

Special Pool Rules

Oil Well Spacing	40 (Acres)	Gas Well Spacing :	(Acres)
Orthodox Well Locn	330 (Ft from end line)		330 (Ft from side line)
	(Ft from nearest well)		330 (Ft from Q/Q line)
Top Unit Allowable	80 (BOPD)		
Casinghead Gas Limit	160 (MCFD)		
Gas-Oil Limit	2000		
Depth Bracket	4999 (Feet)		

Prorated Gas (Y/N)	N	Acre Basis :	100 (in %)
		Deliv Basis :	0 (in %)
Simultaneous Dedication Allowed (Y/N)			: Y

	30-005-29189	Proposed Perfs
		4468-5456