

Submit 1 Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised August 1, 2011

**HOBBS OCD**  
**APR 08 2013**

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

WELL API NO. <b>30-025-40397</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>Airstrip 6 State Com</b>	
8. Well Number <b>002H</b>	
9. OGRID Number <b>229137</b>	
10. Pool name or Wildcat <b>Scharb; Bone Spring (55610)</b>	
<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.) 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator <b>COG Operating LLC</b>	
3. Address of Operator <b>2208 W Main St., Artesia NM 88210</b>	
4. Well Location Unit Letter <b>L</b> : <b>2171</b> feet from the <b>South</b> line and <b>665</b> feet from the <b>West</b> line Section <b>6</b> Township <b>19S</b> Range <b>35E</b> NMPM <b>Lea</b> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3905 GL</b>	

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

<b>NOTICE OF INTENTION TO:</b> 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"/>		<b>SUBSEQUENT REPORT OF:</b> 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"/>		OTHER: <input type="checkbox"/>	

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 BHL change to the original APD:

From: BHL: 1980' FSL & 510' FEL (Unit L), Section 6 T19S R35E  
 To: BHL: 460' FSL & 510' FWL (Lot 4), Section 7 T19S R35E

Drilling Program  
 See 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 Melanie Parker TITLE **Regulatory Analyst** DATE **04/03/2013**

Type or print name **Melanie J. Parker** E-mail address: **mparker@concho.com** PHONE: **575-748-6940**

APPROVED BY: Melanie J. Parker TITLE **Petroleum Engineer** DATE **APR 08 2013**

Conditions of Approval (if any):

**APR 08 2013**

DISTRICT I  
1825 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-8181 Fax: (575) 393-0720

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-0720

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

DISTRICT IV  
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3482

**HOBBS OCD**  
State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
11885 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate

**RECEIVED**

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-40397	Pool Code 55610	Pool Name Scharb; Bone Spring
Property Code 310254	Property Name AIRSTRIP 6 STATE COM	
OGRID No. 229137	Operator Name COG OPERATING, LLC	Well Number 2H Elevation 3904.7

Surface Location

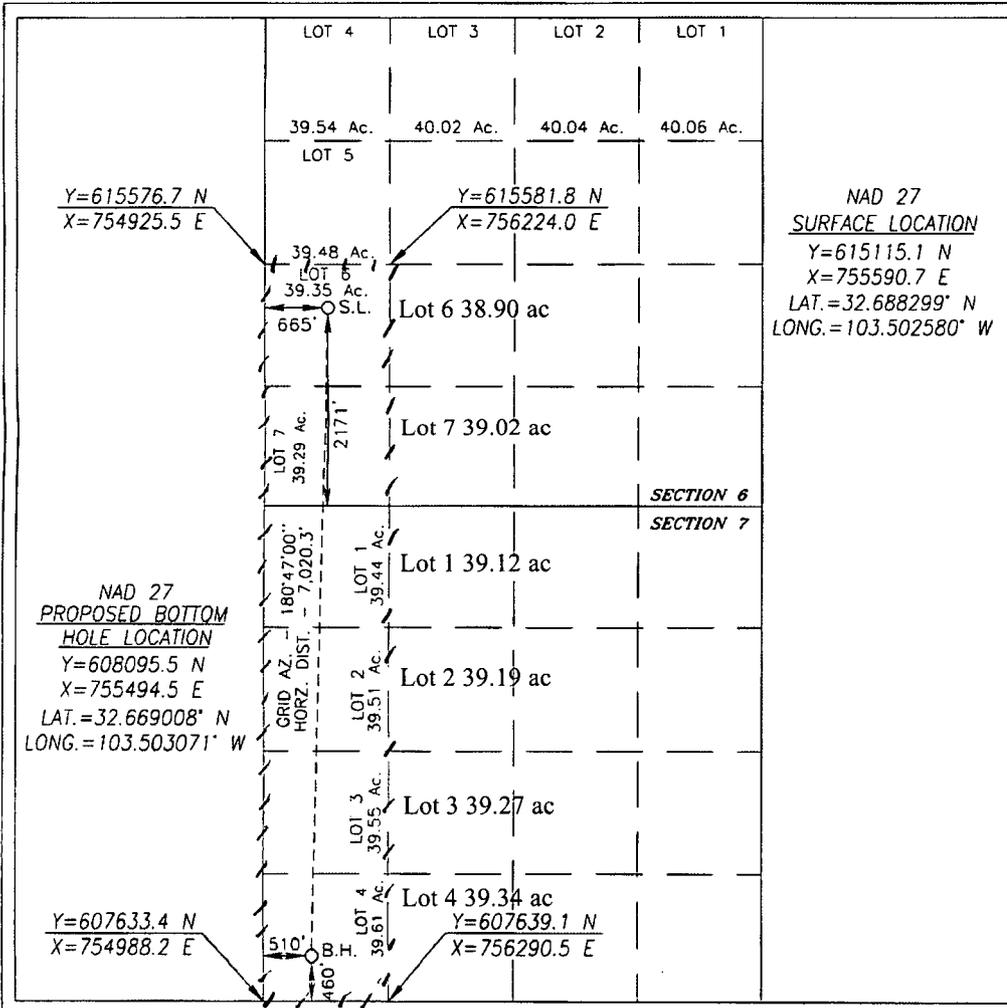
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
6	6	19-S	35-E		2171	SOUTH	665	WEST	LEA

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
4	7	19-S	35-E		460	SOUTH	510	WEST	LEA

Dedicated Acres 234.84	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



**OPERATOR CERTIFICATION**

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.

*Melanie J. Parker* 4/15/2013  
Signature Date

Melanie J. Parker  
Printed Name  
mparker@concho.com  
E-mail Address

**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.

MARCH 11, 2013  
Date of Survey

Signature & Seal of Professional Surveyor

CHAD L. HARCROW  
NEW MEXICO  
17777  
LICENSED PROFESSIONAL SURVEYOR

*Chad Harcrow* 3/21/13  
Certificate No. CHAD HARCROW 17777  
W.O. # 13-140 DRAWN BY: VD

# Airstrip 6 State Com 2H

## 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#	1890'	1240	0'
Intermediate	12-1/4"	9-5/8"	36#	3440'	910	0'
Production	7-7/8"	5-1/2"	17#	17501'	2580	3140'

## Well Plan

Drill 17-1/2" hole to ~1890' 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 ~3440' with saturated brine water. Run 9-5/8" 36# J55 LTC casing to TD and cement to surface in one stage.

Drill 7-7/8" vertical hole, curve, and lateral to 17501' with cut brine. Run 5-1/2" 17# P110 LTC casing to TD with DV tool @ ~6500'. Circulate cement on 1<sup>st</sup> stage with 2000 sx and bring TOC to 3140' on 2<sup>nd</sup> stage with 580 sx.

## Well Control

After setting 13-3/8" casing and installing 3000 psi casing head, NU T3 Energy Services 3000 psi double ram BOP and T3 Energy Services 3000 psi annular BOP. Test annular to 1500 psi and other BOP equipment to 3000 with clear fluid using 3<sup>rd</sup> party testers.

After setting 9-5/8" casing and installing 5000 psi casing spool, NU T3 Energy Services 3000 psi double ram BOP and T3 Energy Services 3000 psi annular BOP. Test annular to 1500 psi and other BOP equipment to 3000 with clear fluid using 3<sup>rd</sup> party testers.