

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 OGD  
APR 08 2013

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

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. <b>30-025-40397</b>
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 <b>COG Operating LLC</b>		6. State Oil & Gas Lease No.
3. Address of Operator <b>2208 W Main St., Artesia NM 88210</b>		7. Lease Name or Unit Agreement Name <b>Airstrip 6 State Com</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		8. Well Number <b>002H</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3905 GL</b>		9. OGRID Number <b>229137</b>
		10. Pool name or Wildcat <b>Scharb; Bone Spring (55610)</b>

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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐

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 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 J. 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  
For State Use Only

APPROVED BY: [Signature] 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) 393-8161 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) 476-3462

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

**RECEIVED**

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

☐ 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	Well Number 2H
GRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3904.7

**Surface Location**

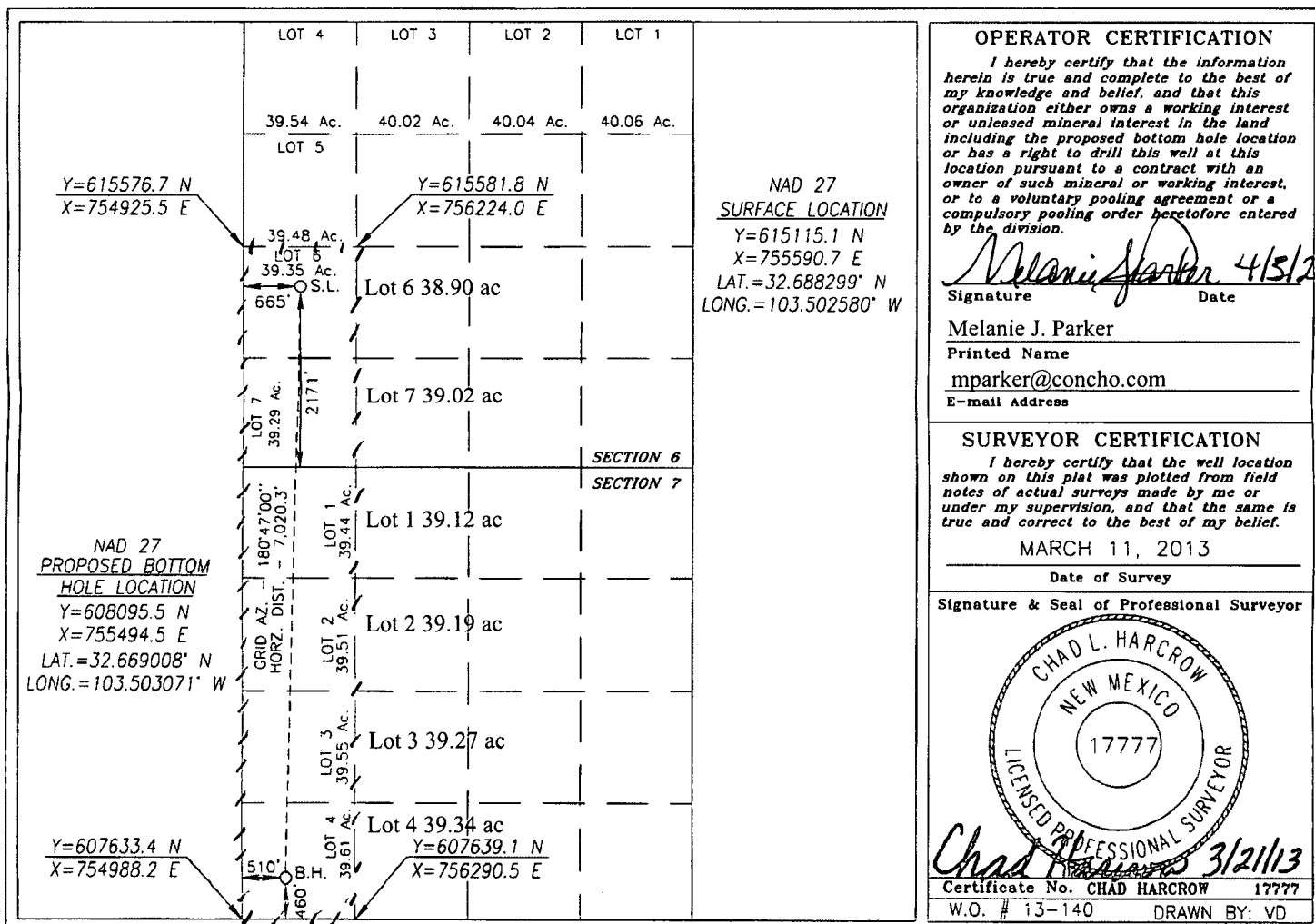
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
6	6	19-S	35-E		2171	SOUTH	665	WEST	LEA

**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	Joint or Infill	Consolidation Code	Order No.
234.84			

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



## 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.