

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

WELL API NO. 30-025-40397
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 Airstrip 6 State Com
8. Well Number 2H
9. OGRID Number 229137
10. Pool name or Wildcat Scharb; Bone Spring

**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-10) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
COG Operating LLC

3. Address of Operator  
2208 W. Main Street, Artesia, NM 88210

4. Well Location  
 Unit Letter L : 2171 feet from the South line and 665 feet from the West line  
 Section 6 Township 19S Range 35E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc)  
3905'

NO 8765-000  
 MAY 05 2014  
 RECEIVED

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 type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> OTHER: <input checked="" type="checkbox"/> Extension		<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"/>	
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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 drilling changes to the original APD.

Changes are in red on the attached drilling program.

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: 11/5/2013

Type or print name: Mayte Reyes E-mail address: mreyes1@conchoresources.com PHONE: (575) 748-6945  
**For State Use Only**

APPROVED BY: [Signature] TITLE: Petroleum Engineer DATE: 05/05/14  
 Conditions of Approval (if any):

MAY 05 2014

## Airstrip 6 State Com 2H

MAY 05 2014

## Casing and Cement

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<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'	925	0'
Production	8-3/4"	5-1/2"	17#	17501'	3125	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 8-3/4" vertical hole, curve, and lateral to 17501' with cut brine. Run 5-1/2" 17# P110 TXP casing to TD and cement in one stage with 3125 sx bringing TOC to 3140' (300' overlap).

## Well Control

After setting 13-3/8" casing and installing 3000 psi casing head, NU 13-5/8" 5000 psi T3 Energy Services annular BOP. Test annular and casing to 1000 psi and other BOP equipment to 2000 psi with clear fluid using 3<sup>rd</sup> party testers.

After setting 9-5/8" casing and installing 5000 psi casing spool, NU 13-5/8" 5000 psi T3 Energy Services double ram BOP and 13-5/8" 5000 psi T3 Energy Services annular BOP. Test annular to 1500 psi and other BOP equipment to 3000 psi with clear fluid using 3<sup>rd</sup> party testers.