

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 PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	RECEIVED MAY 05 2014
2. Name of Operator COG Operating LLC	
3. Address of Operator 2208 W. Main Street, Artesia, NM 88210	
4. Well Location Unit Letter <u>L</u> : <u>2171</u> feet from the <u>South</u> line and <u>665</u> feet from the <u>West</u> line Section <u>6</u> Township <u>19S</u> Range <u>35E</u> NMPM Lea County	
11. Elevation (Show whether DR, RKB, RT, GR, etc)	3905'

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: ☒ Extension

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 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

RECEIVED

<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% CaCl₂ 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 3rd 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 3rd party testers.