

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

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

Form C-103

October 13, 2009

WELL API NO.

30-015-42348

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Pine Springs 2 State SWD

8. Well Number

1

9. OGRID Number

229137

10. Pool name or Wildcat

SWD; Devonian

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 SWD

2. Name of Operator

COG Operating LLC

3. Address of Operator

2208 W. Main Street, Artesia, NM 88210

4. Well Location

Unit Letter K : 2500' feet from the South line and 2500' feet from the West line

Section 2 Township 26S Range 25E NMPM Eddy County

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

3591.9'

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 ☐

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 changes to the original approved APD.

Drilling program attached.

NM OIL CONSERVATION

ARTESIA DISTRICT

JAN 27 2015

RECEIVED

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

TITLE: Regulatory Analyst

DATE: 1/28/2015

Type or print name: Mayte Reyes

E-mail address: mreyes1@conchoresources.com

PHONE: (575) 748-6945

For State Use Only

APPROVED BY:

TITLE: Director

DATE: 1/28/2015

Conditions of Approval (if any):

Injection can not commence until C-108 has been approved

**Pine Springs 2 State SWD No. 1**  
**30-015-42348**  
**Revised Well Plan**

**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	26"	20"	94#	120'	400	0'
Intermediate	17-1/2"	13-3/8"	54.5#	1700'	1070	0'
Production	12-1/4"	9-5/8"	43.5#	8500'	1350	1400'
Liner	8-1/2"	7"	29#	12700'	760	8000'
Disposal	6-1/8"	—	—	14000'	—	—

**Well Plan**

Drill 26" hole to ~120' w/ fresh water mud. Run 20" 94# H40 casing to TD and cement to surface.

Drill 17-1/2" hole to ~1700' w/ saturated brine water. Run 13-3/8" 54.5# J55 casing to TD and cement to surface.

Drill 12-1/4" hole to ~8500' with cut brine. Run 9-5/8" 43.5# HCL80 casing to TD and cement to 1400' (300' overlap).

Drill 8-1/2" hole to ~12700' with cut brine. Run & hang a 7" 29# HCL80 liner to TD and cement to top of liner (~ 8000').

Drill a 6-1/8" hole to ~ 14000' with fresh water. This interval will be left uncased for water disposal purposes.

**Well Control**

<b>Type</b>	<b>Working Pressure</b>	<b>Test Pressure</b>	<b>Manufacturer</b>
Double Ram	5000	5000	Cameron

01/27/2015