

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

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. 30-025-41810
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 COG Operating LLC		6. State Oil & Gas Lease No.
3. Address of Operator 2208 W. Main Street, Artesia, NM 88210		7. Lease Name or Unit Agreement Name Osprey 20 State Com
4. Well Location Unit Letter <u>B</u> : <u>190</u> feet from the <u>North</u> line and <u>1980</u> feet from the <u>East</u> line Section <u>20</u> Township <u>21S</u> Range <u>34E</u> NMPM Lea County		8. Well Number 2H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3752.1'		9. OGRID Number 229137
		10. Pool name or Wildcat WC-025 G-07 S213430M; Bone Spring

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 drilling changes to the original approved APD.

Drilling program 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

Mayte Reyes

TITLE:

Regulatory Analyst

DATE:

11/20/2014

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:

11/20/14

Conditions of Approval (if any):

NOV 24 2014

Osprey 20 State Com 2H

30-025-41810

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#	1880'	1200	0'
Intermediate	12-1/4"	9-5/8"	40#	5800'	2255	0'
Production	8-3/4"	5-1/2"	17#	21672'	3190	5500'

Well Plan

Drill 17-1/2" hole to ~1880' 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 ~5800' with saturated brine water. If losses occur in the Reef, will switch to fresh water to interval TD. Run 9-5/8" 40# L80 BTC casing to TD with a DV tool placed ~ 100' above the Reef. Plan to circulate cement on both stages.

Drill 8-3/4" vertical hole, curve and lateral to 21672' with cut brine. Run 5-1/2" 17# HCP110 TXP casing to TD and cement to 5500' (300' overlap) in one stage.

Well Control

<u>Type</u>	<u>Working Pressure</u>	<u>Test Pressure</u>	<u>Manufacturer</u>
Double Ram	3000	3000	Cameron