

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.

30-025-42037

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Stratosphere 36 State Com

8. Well Number

6H

9. OGRID Number

229137

10. Pool name or Wildcat

Berry; Bone Spring, North

**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

HOBBS OCD

2. Name of Operator

COG Operating LLC

3. Address of Operator

2208 W. Main Street, Artesia, NM 88210

APR 13 2015

4. Well Location

Unit Letter D : 190 feet from the North line and 330 feet from the West line  
Section 36 Township 20S Range 34E NMPM Lea County

RECEIVED

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

3723.3'

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: 4/09/2015

Type or print name: Mayte Reyes

E-mail address: mreyes1@conchoresources.com

PHONE: (575) 748-6945

For State Use Only

APPROVED BY:

*Petroleum Engineer*

TITLE

Petroleum Engineer

DATE

04/13/15

Conditions of Approval (if any):

APR 14 2015

**Stratosphere 36 State Com 6H**  
**API: 30-025-42307**

**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	1720'	1130	0'
Intermediate	12-1/4"	9-5/8"	36/40	5900'	2165	0'
Production	8-3/4"	5-1/2"	17	15772'	2340	0'

**Well Plan**

Drill 17-1/2" hole to ~1720' 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 ~5900' with saturated brine water. If losses occur in the Reef, will switch to fresh water to interval TD. Run 9-5/8" 36# J55 & 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 15772' with cut brine. Run 5-1/2" 17# P110 LTC casing to TD and cement to surface in one stage.

**Well Control**

<b>Type</b>	<b>Working Pressure</b>	<b>Test Pressure</b>	<b>Manufacturer</b>
Double Ram	3000	3000	Shaeffer

04-09-2015