

Submit 3 Copies 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

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

Form C-103  
May 27, 2004

WELL API NO. <b>30-015-35656</b>	
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 <b>IMPERIAL STATE</b>	
8. Well Number <b>8</b>	
9. OGRID Number <b>229137</b>	
10. Pool name or Wildcat <b>LOCO HILLS; Glorieta Yeso 96718</b>	
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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator <b>COG Operating LLC</b> <b>OCD-ARTESIA</b>	
3. Address of Operator <b>550 W. Texas Ave., Suite 1300</b> <b>Midland, TX 79701</b>	
4. Well Location Unit Letter <b>O</b> : <b>330</b> feet from the <b>South</b> line and <b>2310</b> feet from the <b>East</b> line Section <b>16</b> Township <b>17S</b> Range <b>30E</b> NMPM County <b>EDDY</b>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3674' GR</b>	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: **Completion** ☒

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

9-17-07 Perf Yeso w/ 2 SPF @ 5534 - 5730. 30 holes. Acidize w/ 2500 gals acid.  
Frac w/ 3,998 gals gel, 17,648# LiteProp, & 1,785# 16/30 sand.  
9-19-07 Perf Yeso w/ 2 SPF @ 5265 - 5460. 36 holes. Acidize w/ 3000 gals acid.  
Frac w/ 65,326 gals gel, 5,673# LiteProp, 68,565# 16/30 sand.  
Perf Yeso w/ 2 SPF @ 4985 - 5180. 36 holes. Acidize w/ 3000 gals acid.  
Frac w/ 76,410 gals gel, 6,632# LiteProp, 86,296# 16/30 sand.  
Perf Yeso w/ 2 SPF @ 4810 - 4900. 36 Holes. Acidize w/ 2500 gals acid.  
Frac w/ 59,149 gals gel, 5,152# LiteProp, 86,981# 16/30 sand.  
9-21-07 RIH w/ 179 jts 2-7/8" J55 tbg, SN @ 5651. RIH w/ 2-1/2 x 2 x 24' pump. WO pump jack.  
9-25-07 Hang on well.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE  TITLE Regulatory Analyst DATE 10-10-07

Type or print name **Kanicia Carrillo** E-mail address: **kcarrillo@conchoresources.com** Telephone No. **432-685-4332**  
For State Use Only

**FOR RECORDS ONLY**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any): \_\_\_\_\_

**IMPERIAL STATE #8**  
**API#: 30-015-35656**  
**EDDY, NM**

**C-105 (#27) ADDITIONAL INFORMATION**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4810 - 4900	Acidize w/ 2500 gals acid.
	Frac w/ 59,149 gals gel,
	5,152# LiteProp, and 86,981# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4985 - 5180	Acidize w/ 3000 gals acid.
	Frac w/ 76,410 gals,
	6,632# LiteProp, and 86,296# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
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	Frac w/ 65,326 gals gel, 5,673# Lite Prop,
	68,565# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5534 - 5730	Acidize w/2500 gals acid.
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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
 Permit 54878

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-35656	2. Pool Code 96718	3. Pool Name LOCO HILLS; GLORIETA-YESO
4. Property Code 302507	5. Property Name IMPERIAL STATE	6. Well No. 008
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3674

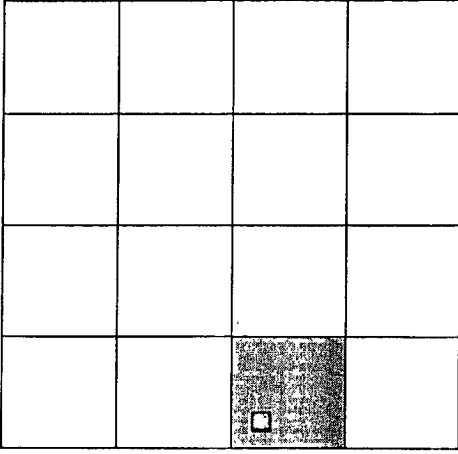
**10. Surface Location**

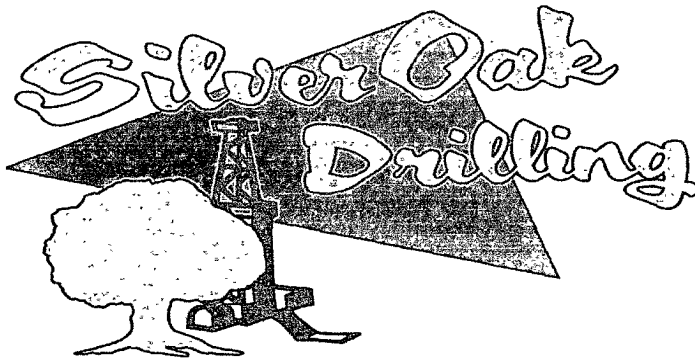
UL - Lot O	Section 16	Township 17S	Range 30E	Lot Idn	Feet From 330	N/S Line S	Feet From 2310	E/W Line E	County EDDY
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**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	13. Joint or Infill	14. Consolidation Code	15. Order No.						

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>E-Signed By: Diane Kuykendall        Title: Regulatory Analyst        Date: 6/6/2007</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Surveyed By: Ronald Eidson        Date of Survey: 5/29/2007        Certificate Number: 3239</p>
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PO Box 1370  
Artesia, NM 88211-1370  
(505) 748-1288

September 12, 2007

COG, LLC  
Fasken Center, Tower II  
550 West Texas Ave, Suite 1300  
Midland, TX 79701

RE: Imperial State #8  
330' FSL & 2310' FEL  
Sec. 16, T17S, R30E  
Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
264.00	0.75	2841.00	0.50
544.00	1.00	3124.00	0.25
819.00	0.25	3414.00	1.00
1108.00	0.75	3700.00	0.75
1303.00	1.00	4014.00	1.00
1443.00	0.25	4335.00	1.00
1730.00	0.25	4650.00	1.00
2015.00	1.00	4940.00	1.00
2267.00	1.00	5235.00	1.00
2555.00	0.75	5545.00	0.50

Very truly yours,

Eddie LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 12<sup>th</sup> day of September, 2007.

Notary Public

