

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

Form C-103
May 27, 2004

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



WELL API NO. 30-015-35743
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 STATE S-19
8. Well Number 32
9. OGRID Number 229137
10. Pool name or Wildcat EMPIRE; YESO 96210

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 ☐ **OCT 25 2007**

2. Name of Operator
COG Operating LLC **OCD-ARTESIA**

3. Address of Operator
550 W. Texas Ave., Suite 1300 **Midland, TX 79701**

4. Well Location
Unit Letter **N** : **330** feet from the **South** line and **2070** feet from the **West** line
Section **19** Township **17S** Range **29E** NMPM County **EDDY**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3644' GR

Pit or Below-grade Tank Application ☐ or Closure ☒
Pit type **DRILLING** Depth to Groundwater **115'** Distance from nearest fresh water well **1000'** Distance from nearest surface water **1000'**
Pit Liner Thickness: **12 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.

09-18-07 Perf w/ 2 SPF @ 5205 - 5295 (60 holes).
09-20-07 Acidize w/ 3000 gals acid. Frac w/ 18,165 gals gel, 2,000# LiteProp, 3,700# 16/30 sand.
Perf w/ 2 SPF @ 4911 - 5110 (36 holes). Acidize w/ 3,000 gals acid.
Frac w/ 64,701 gals gel, 6,681# LiteProp, 57,973# 16/30 sand.
09-21-07 Perf w/ 2 SPF @ 4523 - 4722 (36 holes). Acidize w/ 3,000 gals acid.
Frac w/ 64,877 gals gel, 6,607# LiteProp, 60,821# 16/30 sand.
Perf w. 2 SPF @ 4280 - 4452 (36 holes).
Frac w/ 44,416 gals gel, 6,331# LiteProp, 13,362# 16/30 sand.
09-24-07 Re-acidized Perfs 4280 - 4452 w/ 5000 gals acid.
09-25-07 Refraced w/ 58,625 gals gel, 5,400# LiteProp, 60,063# 16/30 sand.
09-27-07 RIH w/ 163 jts 2-7/8" J55 tbg, SN @ 5310'. RIH w/ 2-1/2" x 2" x 24' pump. 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 **10-24-07**

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

APPROVED BY: _____ TITLE _____ DATE **OCT 29 2007**
Conditions of Approval (if any): _____

STATE S-19 #32
API#: 30-015-35743
EDDY, NM

5

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4280 - 4452	Acidize w/ 5,000 gals acid.
	Frac w/ 58,625 gals gel,
	5,400# LiteProp, & 60,063# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4280 - 4452	
	Frac w/ 44,416 gals gel,
	6,331# LiteProp, & 13,362# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4523 - 4722	Acidize w/ 3,000 gals acid.
	Frac w/ 64,877 gals gel,
	6,607# LiteProp, & 60,821# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4911 - 5110	Acidize w/ 3,000 gals acid.
	Frac w/ 64,701 gals gel,
	6,681# LiteProp, & 57,973# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5205 - 5295	Acidize w/ 3,000 gals acid.
	Frac w/ 18,165 gals gel,
	2,000# LiteProp, & 3,700# 16/30 sand.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
 Permit 57691

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-35743	2. Pool Code 96210	3. Pool Name EMPIRE; GLORIETA-YESO
4. Property Code 302569	5. Property Name STATE S-19	6. Well No. 032
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3644

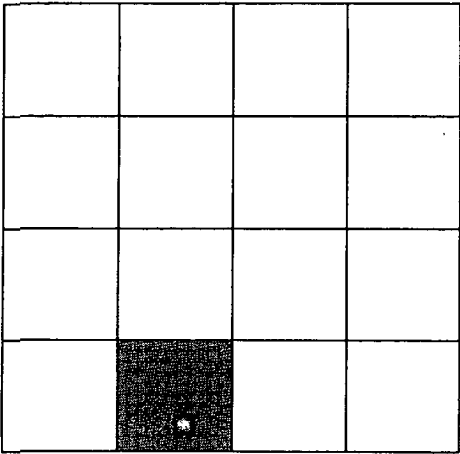
10. Surface Location

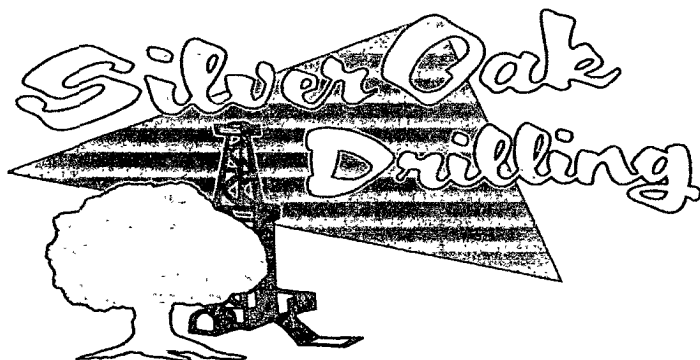
UL - Lot N	Section 19	Township 17S	Range 29E	Lot Idn	Feet From 330	N/S Line S	Feet From 2070	E/W Line W	County EDDY
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11. Bottom Hole Location If Different From Surface

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;">OPERATOR CERTIFICATION</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: 7/19/2007</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</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: 7/2/2007 Certificate Number: 3239</p>
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PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

September 13, 2007

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

RE: State S-19 #32
660' FSL & 1980' FWL
Sec. 10, T18S, R24E
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>
169.00	0.25	2922.00	0.50
549.00	1.00	3206.00	1.00
1059.00	1.00	3829.00	0.75
1340.00	0.25	4170.00	0.75
1597.00	0.50	4481.00	1.00
1928.00	0.50	4791.00	0.50
2299.00	0.75	5197.00	1.00
2611.00	0.75		

Very truly yours,

Eddie LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 13th day of September, 2007.

Notary Public