

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. 30-015-35254
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 Mesilla State
8. Well Number 5
9. OGRID Number 229137
10. Pool name or Wildcat LOCO HILLS; Paddock 96718

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 ☐

SEP 10 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 **C** : **330'** feet from the **North** line and **1650'** feet from the **West** line
Section **16** Township **17S** Range **30E** NMPM County **EDDY**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3686' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

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.

7-30-07 Perf w/ 2 SPF, 62 holes @ 5343' - 5643'

7-31-07 Acidize w/ 2500 gals acid.

8-01-07 Frac w/ 93,954 gals gel, 8,000# LiteProp 14/30, & 90,640# 16/30 sand.

8-02-07 Perf w/ 2 SPF, 58 holes @ 4928' - 5228'.

8-03-07 Acidize w/ 2500 gals acid.

8-04-07 Frac w/ 91,000 gals gel, 8,000# LiteProp 14/30, and 84,560# 16/30 sand.

8-06-07 RIH w/ 173 jts 2-7/8" J55 tbg, SN @ 5647'. RIH w/ 2-1/2" x 2" x 24' pump w/ on/off tool. Hang well on.

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 NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Kanicia Carrillo TITLE Regulatory Analyst DATE 09-07-07

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

APPROVED BY: FOR RECORDS ONLY TITLE _____ DATE _____

Conditions of Approval (if any):

Mesilla State #5
API#: 30-015-35254
EDDY, NM

SEP 10 2007
OCD-ARTESIA

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4928 - 5228	Acidize w/ 2500 gals acid.
	Frac w/ 91,000 gals gel,
	8000# LiteProp 14/30, and 84,560# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5343 - 5643	Acidize w/ 2500 gals acid.
	Frac w/ 93,954 gals,
	8000# LiteProp 14/30, and 90,640# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

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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 42433

SEP 10 2007

OCD-ARTESIA**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-35254	2. Pool Code 96718	3. Pool Name LOCO HILLS; PADDOCK
4. Property Code 302526	5. Property Name MESILLA STATE	6. Well No. 005
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3686

10. Surface Location

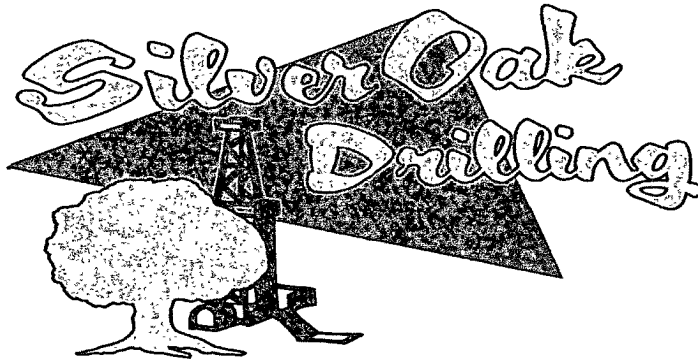
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	16	17S	30E		330	N	1650	W	EDDY

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 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: 11/29/2006</p> <hr/> <p 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: Gary Eidson Date of Survey: 11/13/2006 Certificate Number: 12641</p>
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PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

SEP 10 2007
OCD-ARTESIA

July 25, 2007

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

RE: Mesilla State #5
330' FNL & 1650' FWL
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>
242.00	0.25	3624.00	0.25
393.00	0.25	3944.00	0.75
509.00	0.25	4206.00	1.00
939.00	0.25	4515.00	1.25
1368.00	0.75	4737.00	1.75
1657.00	0.75	4960.00	1.75
1943.00	0.25	5182.00	1.50
2292.00	0.25	5370.00	1.25
2584.00	0.50	5656.00	1.50
2870.00	1.00	5983.00	1.75
3244.00	0.50		

Very truly yours,

Eddie LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 26th day of July, 2007.

Notary Public