

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 <b>30-015-34581</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>WHITE OAK STATE</b>
8. Well Number <b>7</b>
9. OGRID Number <b>229137</b>
10. Pool name or Wildcat <b>EMPIRE; YESO</b> <b>96210</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 ☒ Gas Well ☐ Other **DEC 4 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 **O** : **990** feet from the **South** line and **2310** feet from the **East** line  
Section **23** Township **17S** Range **28E** NMPM County **EDDY**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**3683' GR**

Pit or Below-grade Tank Application ☐ or Closure ☒

Pit type **DRILLING** Depth to Groundwater **125'** 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.

11-09-07 Perf w/ 2 SPF @ 4720 - 4820 (48 holes)  
11-12-07 Acidize w/ 2500 gals acid Frac w/ 40,330 gals treated fresh water, 37,049# 16/30 sand  
Perf w/ 2 SPF @ 4530 - 4630 (36 holes) Acidize w/ 2500 gals acid  
Frac w/ 40,900 gals treated fresh water, 39,956# 16/30 sand  
11-15-07 RIH w/ 149 jts 2-7/8" J55 tbg, SN @ 4855' 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 NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE K. Carrillo TITLE Regulatory Analyst DATE 12/03/07

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 **DEC 07 2007**  
Conditions of Approval (if any): \_\_\_\_\_

**WHITE OAK STATE #7**  
**API#: 30-015-34583**  
**EDDY, NM**

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4530 - 4630	Acidize w/ 2500 gals acid.
	Frac w/ 40,900 gals fresh water,
	39,956# 16/30 sand.

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4720 - 4820	Acidize w/ 2500 gals acid.
	Frac w/ 40,330 gals fresh water,
	37,049# 16/30 sand.

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

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number 30-015-34581	2 Pool Code 96210	3 Pool Name EMPIRE, YESO
4 Property Code 21114	5 Property Name WHITE OAK STATE	6 Well No 007
7 OGRJD No 13837	8 Operator Name MACK ENERGY CORP	9 Elevation 3683

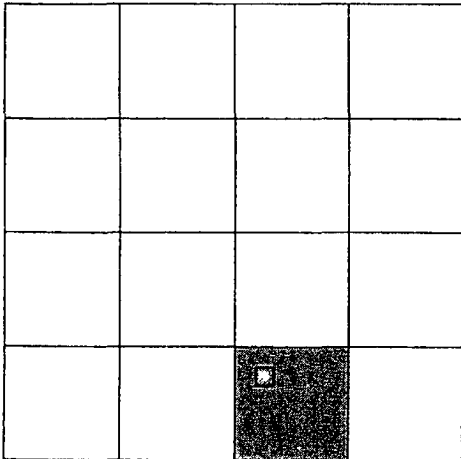
**10. Surface Location**

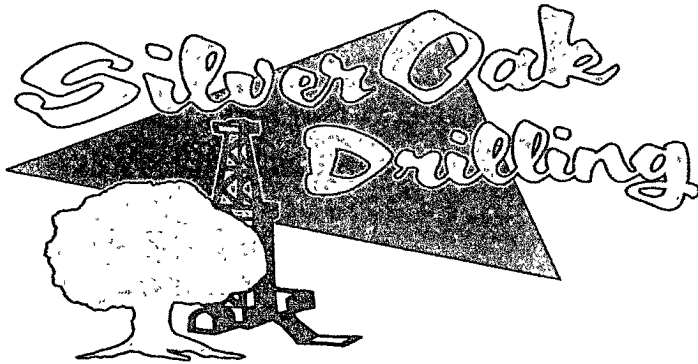
UL - Lot O	Section 23	Township 17S	Range 28E	Lot Idn	Feet From 990	N/S Line S	Feet From 2310	E/W Line E	County EDDY
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**11. Bottom Hole Location If Different From Surface**

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 Jerry Sherrell              Title Production Clerk              Date 1/31/2006           </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 Gary Eidson              Date of Survey 1/30/2006              Certificate Number 12641           </p>
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PO Box 1370  
Artesia, NM 88211-1370  
(505) 748-1288

November 9, 2007

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

RE: White Oak State #7  
990' FSL & 2310' FEL  
Sec. 23, T17S, R28E  
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>
497.00	0.75	2787.00	1.00
806.00	0.75	3100.00	0.50
1152.00	0.75	3475.00	1.00
1452.00	0.50	3789.00	0.50
1753.00	1.00	4193.00	0.75
2068.00	1.00	4632.00	0.75
2378.00	1.00	5220.00	0.25

Very truly yours,

Leroy Curry  
Drilling Superintendent

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 9<sup>th</sup> day of November, 2007.

  
Notary Public