

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.

30-015-34582

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

WHITE OAK STATE

8. Well Number

8

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 TO PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-100) FOR
PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

COG Operating LLC

3. Address of Operator

550 W. Texas Ave., Suite 1300

Midland, TX 79701

4. Well Location

Unit Letter **P** : **990'** feet from the **South** line and **990'** feet from the **East** line

Section **23** Township **17S** Range **28E** NMPM County **EDDY**

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

3680' 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.

11-11-06 Perf Yeso w/ 2 SPF @ 4826' - 5074' (68 holes).

11-13-06 Acidize w/ 3000 gals acid.

11-14-06 Frac w/ 96,222 gals gel, 8000# LiteProp, 92,980# 16/30 sand.

11-15-06 Perf Yeso w/ 2 SPF @ 4445.5' - 4730' (64 holes). Acidize w/ 3000 gals acid.

11-16-06 Frac w/ 94,416 gals gel, 8,007# LiteProp, 94,940# 16/30 sand.

11-17-06 Perf Yeso w/ 2 SPF @ 4125' - 4314.5' (58 holes). Acidize w/ 3000 gals acid.

11-20-06 Frac w/ 93,828 gals gel, 8000# LiteProp, 91,220 16/30 sand.

11-21-06 RIH w/ 162 jts 2-7/8" J55 tbg, SN @ 5103'. RIH w/ 2-1/2" x 2" x 20' pump. Turn to production.

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 Phyllis Edwards TITLE Regulatory Analyst DATE 1-9-07

Type or print name **Phyllis Edwards** E-mail address: **pedwards@conchoresources.com** Telephone No. **432-685-4340**

For State Use Only

FOR RECORDS ONLY

APPROVED BY: _____ TITLE _____ DATE **JAN 23 2007**

Conditions of Approval (if any):

WHITE OAK STATE #8
API#: 30-015-34582
EDDY, NM



C-105 (#27) ADDITIONAL INFORMATION

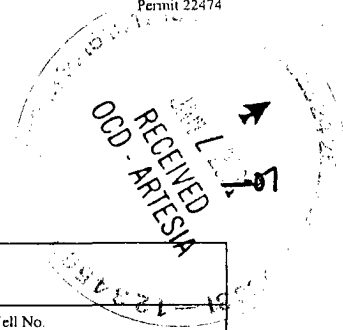
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4,125' - 4,314.5'	Acidize w/ 3000 gals acid.
4,125' - 4,314.5'	Frac w/ 93,828 gals gel, 8000# LiteProp,
	and 91,220# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4,445.5' - 4730'	Acidize w/ 3000 gals acid.
4,445.5' - 4730'	Frac w/ 94,416 gals gel, 8007# LiteProp,
	94,940# 16/30 sand

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4,826' - 5074'	Acidize w/ 3000 gals acid.
4,826' - 5074'	Frac w/ 96,222 gals gel, 8000# LiteProp,
	92,980# 16/30 sand

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WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-34582	2. Pool Code 96210	3. Pool Name EMPIRE; YESO
4. Property Code 21114	5. Property Name WHITE OAK STATE	6. Well No. 008
7. OGRID No. 13837	8. Operator Name MACK ENERGY CORP	9. Elevation 3680

10. Surface Location

UL - Lot P	Section 23	Township 17S	Range 28E	Lot Idn	Feet From 990	N/S Line S	Feet From 990	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**

	OPERATOR CERTIFICATION			
	<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>			
	E-Signed By: Jerry Sherrell Title: Production Clerk Date: 1/31/2006			
	SURVEYOR CERTIFICATION			
<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>				
Surveyed By: Gary Eidson Date of Survey: 1/30/2006 Certificate Number: 12641				

Silver Oak Drilling, LLC

PO Box 1370
Artesia, NM 88211-1370
505/748-1288

November 8, 2006

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

RE: White Oak State #8
990' FSL & 990' 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>
270'	1°	3035'	2°
406'	1/2°	3439'	1 1/4°
824'	3/4°	3844'	1°
1324'	3/4°	4281'	1°
1823'	1 1/2°	4654'	1 1/2°
2200'	2°	5255'	2°
2605'	2°		

Very truly yours,

A handwritten signature in black ink, appearing to read 'Eddie C. LaRue', is written over the typed name.

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 8th day of November, 2006.

Notary Public