

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  
June 19, 2008

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

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-015-38495                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.                                                                        |
| 7. Lease Name or Unit Agreement Name<br>Yale State                                                  |
| 8. Well Number<br>22                                                                                |
| 9. OGRID Number<br>229137                                                                           |
| 10. Pool name or Wildcat<br>Mar Loco; Glorieta-Yeso 97866                                           |

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 G-101) FOR SUCH 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 100 Midland, TX 79701

4. Well Location

Unit Letter J : 2310 feet from the South line and 1650 feet from the East line

Section 2 Township 17S Range 30E NMPM County Eddy

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

3768' GR

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 ☐  
DOWNHOLE COMMINGLE ☐

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.

10/24/11 Drill out DVT @ 3255.

10/26/11 Test casing to 3500 psi for 30 mins. Ok.

11/7/11 Perf Lower Blinebry @ 5680-5880 w/ 1 SPF, 51 holes.

11/8/11 Acidize w/3,500 gals acid. Frac w/125,668 gals gel, 145,891# 16/30 white sand, 29,930# 16/30 siberprop. Set comp plug @ 5640. Perf Middle Blinebry @ 5360-5610 w/1 SPF, 26 holes. Acidize w/3,500 gals acid. Frac w/125,347 gals gel, 150,769# 16/30 white sand, 31,966# 16/30 siberprop. Set comp plug @ 5320. Perf Upper Blinebry @ 5040-5290 w/ 1 SPF, 26 holes. Acidize w/3,500 gals acid. Frac w/124,063 gals gel, 145,989# 16/30 white sand, 29,092 16/30 siberprop. Set comp plug @ 4880. Perf Paddock @ 4625-4850 w/ 1 SPF, 26 holes. Acidize w/3,000 gals acid. Frac w/110,447 gals gel, 107,782# 16/30 white sand, 21,365# 16/30 siberprop.

11/11/11 Drill out plugs. Clean out to PBTD 6112.

11/14/11 RIH w/179jts 2-7/8" J55 6.5# tbg, SN @ 5655.

11/15/11 RIH w/2-1/2"x2"x24' pump. Hang on well.

Spud Date:

10/9/11

Rig Release Date:

10/19/11

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE C Jackson TITLE Regulatory Analyst DATE 11/30/11

Type or print name Chasity Jackson E-mail address: cjackson@concho.com PHONE: 432-686-3087

For State Use Only

APPROVED BY: T. C. Shepard TITLE Geologist DATE 12/14/2011

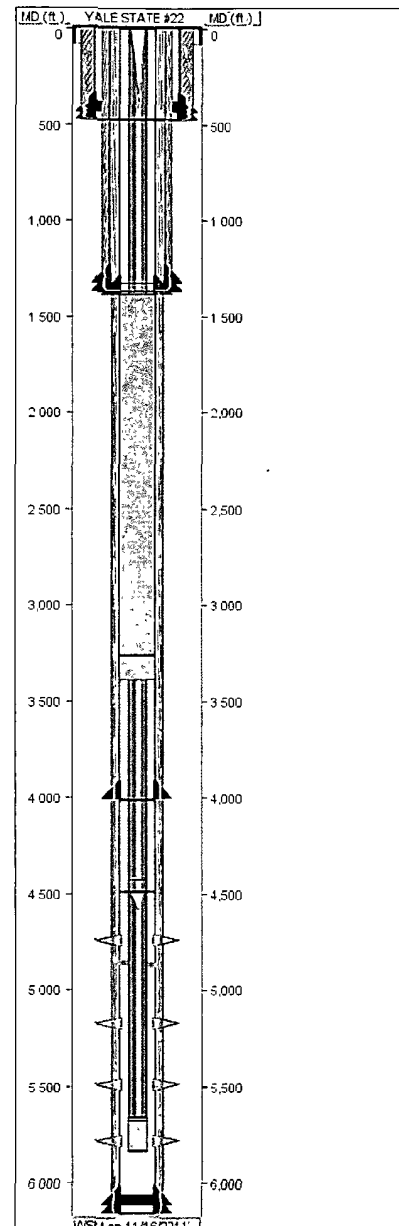
Conditions of Approval (if any):

Well ID: 30-015-38495

Well Name: YALE STATE #22

Event#: 2.00

Report Dates: 11/16/2011



## PIPE SPECIFICATION

| STRING NAME  | SECTION NAME   | JOINT COUNT | START DEPTH | END DEPTH | LENGTH  | OD SIZE | ID SIZE | WT GRDNT | GRD  | CONN |
|--------------|----------------|-------------|-------------|-----------|---------|---------|---------|----------|------|------|
| CONDUCTOR    | CASING         | 2           | 0.00        | 80.00     | 80.00   | 20.00   | 19.12   | 94.0     | H-40 | OT   |
| SURFACE      | GUIDE SHOE     |             | 468.80      | 470.00    | 1.20    | 13.38   | 12.71   | 48.0     | H-40 | STC  |
| SURFACE      | CASING         | 1           | 429.66      | 468.80    | 39.14   | 13.38   | 12.71   | 48.0     | H-40 | STC  |
| SURFACE      | INSERT FLOAT   |             | 429.66      | 429.66    | 0.00    | 13.38   | 12.71   | 48.0     | H-40 | STC  |
| SURFACE      | CASING         | 10          | -3.18       | 429.66    | 432.84  | 13.38   | 12.71   | 48.0     | H-40 | STC  |
| PRODUCTION   | GUIDE SHOE     |             | 6149.54     | 6151.00   | 1.46    | 5.50    | 4.89    |          |      | LTC  |
| PRODUCTION   | CASING         | 1           | 6106.48     | 6149.54   | 43.06   | 5.50    | 4.89    | 17.0     | J-55 | LTC  |
| PRODUCTION   | FLOAT COLLAR   |             | 6105.23     | 6106.48   | 1.25    | 5.50    | 4.89    |          |      | LTC  |
| PRODUCTION   | CASING         | 47          | 4016.36     | 6105.23   | 2088.87 | 5.50    | 4.89    | 17.0     | J-55 | LTC  |
| PRODUCTION   | MARKER JOINT   | 1           | 4002.30     | 4016.36   | 14.06   | 5.50    | 4.95    | 15.5     | J-55 | LTC  |
| PRODUCTION   | CASING         | 14          | 3383.52     | 4002.30   | 618.78  | 5.50    | 4.89    | 17.0     | J-55 | LTC  |
| PRODUCTION   | FLINT COATED   | 3           | 3257.28     | 3383.52   | 126.24  | 5.50    | 4.89    | 17.0     | L-80 | LTC  |
| PRODUCTION   | DV TOOL MULTI- | 1           | 3255.03     | 3257.28   | 2.25    | 5.50    | 4.89    |          |      | LTC  |
| PRODUCTION   | FLINT COATED   | 44          | 1378.46     | 3255.03   | 1876.57 | 5.50    | 4.89    | 17.0     | L-80 | LTC  |
| PRODUCTION   | CASING         | 31          | 0.53        | 1378.46   | 1377.93 | 5.50    | 4.89    | 17.0     | J-55 | LTC  |
| PRODUCTION   | LANDING COLLAR |             | -15.48      | 0.53      | 16.01   | 5.50    | 4.89    | 17.0     | J-55 | LTC  |
| TUBING       | BULL PLUG      |             | 5832.74     | 5833.12   | 0.38    | 2.88    |         |          |      |      |
| TUBING       | MUD ANCHOR     | 1           | 5674.79     | 5832.74   | 157.95  | 2.88    | 2.44    | 6.5      | J55  |      |
| TUBING       | DESANDER       |             | 5655.49     | 5674.79   | 19.30   | 2.88    |         |          |      |      |
| TUBING       | SEAT NIPPLE    |             | 5654.69     | 5655.49   | 0.80    | 2.88    | 2.44    | 6.5      | J55  |      |
| TUBING       | TUBING         | 1           | 4487.13     | 5654.69   | 1167.56 | 2.88    | 2.44    | 6.5      | J55  |      |
| TUBING       | TUBING ANCHOR  |             | 4484.13     | 4487.13   | 3.00    | 5.50    |         |          |      |      |
| TUBING       | TUBING         | 1           | 4421.00     | 4484.13   | 63.13   | 2.88    | 2.44    | 6.5      | J55  |      |
| TUBING       | MARKER JOINT   |             | 4419.00     | 4421.00   | 2.00    | 2.88    | 2.44    | 6.5      | J55  |      |
| TUBING       | TUBING         | 1           | 0.00        | 4419.00   | 4419.00 | 2.88    | 2.44    | 6.5      | J55  |      |
| INTERMEDIATE | GUIDE SHOE     |             | 1363.80     | 1365.00   | 1.20    | 8.63    | 8.10    | 24.0     | J-55 | STC  |
| INTERMEDIATE | CASING         | 1           | 1322.79     | 1363.80   | 41.01   | 8.63    | 8.10    | 24.0     | J-55 | STC  |
| INTERMEDIATE | FLOAT COLLAR   |             | 1321.29     | 1322.79   | 1.50    | 8.63    | 8.10    | 24.0     | J-55 | STC  |
| INTERMEDIATE | CASING         | 33          | 12.42       | 1321.29   | 1324.87 | 8.63    | 8.10    | 24.0     | J-55 | STC  |

## CEMENTING

| STRING NAME  | STAGE # | LEAD TOP (est) (ft) | LEAD TOP (ver) (ft) | TAIL TOP (est) (ft) | TAIL TOP (ver) (ft) |
|--------------|---------|---------------------|---------------------|---------------------|---------------------|
| SURFACE      | 1       | 0.0                 | 0.0                 |                     |                     |
| SURFACE      | 2       |                     |                     |                     |                     |
| PRODUCTION   | 1       | 0.0                 | 0.0                 |                     |                     |
| PRODUCTION   | 2       | 0.0                 | 0.0                 |                     |                     |
| INTERMEDIATE | 1       | 0.0                 | 0.0                 |                     |                     |

**Well ID:** 30-015-38495**Well Name:** YALE STATE #22**Event#:** 2.00**Report Dates:** 11/16/2011**BHA STRING**

| DRILL EQUIP CODE | DESCRIPTION | LENGTH | OD SIZE | ID SIZE |
|------------------|-------------|--------|---------|---------|
|------------------|-------------|--------|---------|---------|

**PERFORATION**

| ZONE | JOB REPORT DATE | ZONE NAME | TOP DEPTH | BOTTOM DEPTH | HOLE SIZE | PEN SIZE | SQUEEZED |
|------|-----------------|-----------|-----------|--------------|-----------|----------|----------|
| 1    | 11/08/2011      | BLINEBRY  | 5680.00   | 5880.00      | 0.34      | 27.00    | N        |
| 2    | 11/09/2011      | BLINEBRY  | 5360.00   | 5610.00      | 0.34      | 27.00    | N        |
| 3    | 11/09/2011      | BLINEBRY  | 5040.00   | 5290.00      | 0.34      | 27.00    | N        |
| 4    | 11/09/2011      | PADDOCK   | 4625.00   | 4850.00      | 0.34      | 27.00    | N        |