

|                                                                                                                                                                                                                                                                                                                                                                                 |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  |                                                          |          |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------|--------------------------------------------------|------------------------------------------------------------------|------------------|----------------------------------------------------------|----------|---------------|
| Submit To Appropriate District Office<br>Two Copies<br>District I<br>1625 N French Dr , Hobbs, NM 88240<br>District II<br>1301 W. Grand Avenue, Artesia, NM 88210<br>District III<br>1000 Rio Brazos Rd , Aztec, NM 87410<br>District IV<br>1220 S St Francis Dr , Santa Fe, NM 87505                                                                                           |                                 | State of New Mexico<br>Energy, Minerals and Natural Resources<br><br>Oil Conservation Division<br>1220 South St. Francis Dr.<br>Santa Fe, NM 87505 |                                     |                             |                                                  | Form C-105<br>July 17, 2008                                      |                  |                                                          |          |               |
| 1. WELL API NO.<br>30-015-38290                                                                                                                                                                                                                                                                                                                                                 |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  |                                                          |          |               |
| 2 Type of Lease<br><input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN                                                                                                                                                                                                                                                   |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  |                                                          |          |               |
| 3. State Oil & Gas Lease No.                                                                                                                                                                                                                                                                                                                                                    |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  |                                                          |          |               |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG                                                                                                                                                                                                                                                                                                                                  |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  |                                                          |          |               |
| 4 Reason for filing<br><input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)<br><input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19.15 17 13.K NMAC) |                                 |                                                                                                                                                    |                                     |                             |                                                  | 5 Lease Name or Unit Agreement Name<br>Maple State               |                  |                                                          |          |               |
| 7 Type of Completion.<br><input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER                                                                                                                        |                                 |                                                                                                                                                    |                                     |                             |                                                  | 6 Well Number.<br>013                                            |                  |                                                          |          |               |
| 8. Name of Operator<br>COG OPERATING LLC                                                                                                                                                                                                                                                                                                                                        |                                 |                                                                                                                                                    |                                     |                             |                                                  | 9. OGRID<br>229137                                               |                  |                                                          |          |               |
| 10 Address of Operator<br>550 West Texas Ave Suite 100, Midland, Texas 79701                                                                                                                                                                                                                                                                                                    |                                 |                                                                                                                                                    |                                     |                             |                                                  | 11. Pool name or Wildcat<br>Red Lake, Glorietao - Yeso Northeast |                  |                                                          |          |               |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                    | Unit Ltr                        | Section                                                                                                                                            | Township                            | Range                       | Lot                                              | Feet from the                                                    | N/S Line         | Feet from the                                            | E/W Line | County        |
| Surface:                                                                                                                                                                                                                                                                                                                                                                        | D                               | 30                                                                                                                                                 | 17S                                 | 28E                         |                                                  | 990                                                              | North            | 330                                                      | West     | Eddy          |
| BH:                                                                                                                                                                                                                                                                                                                                                                             |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  |                                                          |          |               |
| 13. Date Spudded<br>8/7/11                                                                                                                                                                                                                                                                                                                                                      | 14 Date T.D. Reached<br>8/12/11 |                                                                                                                                                    | 15. Date Rig Released<br>8/14/11    |                             | 16. Date Completed (Ready to Produce)<br>9/14/11 |                                                                  |                  | 17 Elevations (DF and RKB, RT, GR, etc ) 3538 GR         |          |               |
| 18 Total Measured Depth of Well<br>4825                                                                                                                                                                                                                                                                                                                                         |                                 |                                                                                                                                                    | 19 Plug Back Measured Depth<br>4777 |                             | 20. Was Directional Survey Made?<br>No           |                                                                  |                  | 21 Type Electric and Other Logs Run<br>CN/ Gamma Ray CCL |          |               |
| 22 Producing Interval(s), of this completion - Top, Bottom, Name<br>Yeso                                                                                                                                                                                                                                                                                                        |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  |                                                          |          |               |
| 23 CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                                                                                               |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  |                                                          |          |               |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                     |                                 | WEIGHT LB./FT.                                                                                                                                     |                                     | DEPTH SET                   |                                                  | HOLE SIZE                                                        |                  | CEMENTING RECORD                                         |          | AMOUNT PULLED |
| 13-3/8                                                                                                                                                                                                                                                                                                                                                                          |                                 | 48                                                                                                                                                 |                                     | 263                         |                                                  | 17-1/2                                                           |                  | 400sx                                                    |          |               |
| 8-5/8                                                                                                                                                                                                                                                                                                                                                                           |                                 | 24                                                                                                                                                 |                                     | 854                         |                                                  | 11                                                               |                  | 400sx                                                    |          |               |
| 5-1/2                                                                                                                                                                                                                                                                                                                                                                           |                                 | 17                                                                                                                                                 |                                     | 4825                        |                                                  | 7-7/8                                                            |                  | 900sx                                                    |          |               |
| 24. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  |                                                          |          |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                            | TOP                             |                                                                                                                                                    | BOTTOM                              |                             | SACKS CEMENT                                     | SCREEN                                                           |                  | 25. TUBING RECORD                                        |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                 |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  | SIZE DEPTH SET PACKER SET                                |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                 |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  | 2-7/8 4259                                               |          |               |
| 26 Perforation record (interval, size, and number)                                                                                                                                                                                                                                                                                                                              |                                 |                                                                                                                                                    |                                     |                             |                                                  | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC                   |                  |                                                          |          |               |
| 3245 - 3495 1 SPF, 26 holes OPEN                                                                                                                                                                                                                                                                                                                                                |                                 |                                                                                                                                                    |                                     |                             |                                                  | DEPTH INTERVAL                                                   |                  | AMOUNT AND KIND MATERIAL USED                            |          |               |
| 3720 - 3945 1 SPF, 26 holes OPEN                                                                                                                                                                                                                                                                                                                                                |                                 |                                                                                                                                                    |                                     |                             |                                                  | 3245 - 3495                                                      |                  | See Attachment                                           |          |               |
| 4005 - 4230 1 SPF, 26 holes OPEN                                                                                                                                                                                                                                                                                                                                                |                                 |                                                                                                                                                    |                                     |                             |                                                  | 3720 - 3945                                                      |                  | See Attachment                                           |          |               |
| 4300 - 4550 1 SPF, 26 holes OPEN                                                                                                                                                                                                                                                                                                                                                |                                 |                                                                                                                                                    |                                     |                             |                                                  | 4005 - 4230                                                      |                  | See Attachment                                           |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                 |                                 |                                                                                                                                                    |                                     |                             |                                                  | 4300 - 4550                                                      |                  | See Attachment                                           |          |               |
| 28 PRODUCTION                                                                                                                                                                                                                                                                                                                                                                   |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  |                                                          |          |               |
| Date First Production<br>9/14/11                                                                                                                                                                                                                                                                                                                                                |                                 | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping, 2-1/2" x 2" x 24' pump                                             |                                     |                             |                                                  | Well Status (Prod or Shut-in)<br>Producing                       |                  |                                                          |          |               |
| Date of Test<br>10/17/11                                                                                                                                                                                                                                                                                                                                                        | Hours Tested<br>24              | Choke Size                                                                                                                                         | Prod'n For<br>Test Period           | Oil - Bbl<br>25             | Gas - MCF<br>54                                  | Water - Bbl<br>600                                               | Gas - Oil Ratio  |                                                          |          |               |
| Flow Tubing<br>Press.                                                                                                                                                                                                                                                                                                                                                           | Casing Pressure                 | Calculated 24-<br>Hour Rate                                                                                                                        | Oil - Bbl.                          | Gas - MCF                   | Water - Bbl                                      | Oil Gravity - API - (Corr )<br>38.1                              |                  |                                                          |          |               |
| 29 Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold                                                                                                                                                                                                                                                                                                               |                                 |                                                                                                                                                    |                                     |                             |                                                  | 30. Test Witnessed By<br>Kent Greenway                           |                  |                                                          |          |               |
| 31. List Attachments<br>Logs, C102, C103, Deviation Report, C104                                                                                                                                                                                                                                                                                                                |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  |                                                          |          |               |
| 32 If a temporary pit was used at the well, attach a plat with the location of the temporary pit                                                                                                                                                                                                                                                                                |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  |                                                          |          |               |
| 33. If an on-site burial was used at the well, report the exact location of the on-site burial.                                                                                                                                                                                                                                                                                 |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  |                                                          |          |               |
| Latitude Longitude NAD 1927 1983                                                                                                                                                                                                                                                                                                                                                |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  |                                                          |          |               |
| I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief                                                                                                                                                                                                                                              |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  |                                                          |          |               |
| Signature<br>Chasity Jackson                                                                                                                                                                                                                                                                                                                                                    |                                 | Printed<br>Name Chasity Jackson                                                                                                                    |                                     | Title<br>Regulatory Analyst |                                                  |                                                                  | Date<br>10/20/11 |                                                          |          |               |
| E-mail Address<br>cjackson@concho.com                                                                                                                                                                                                                                                                                                                                           |                                 |                                                                                                                                                    |                                     |                             |                                                  |                                                                  |                  |                                                          |          |               |

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeastern New Mexico   |                     | Northwestern New Mexico |                  |
|---------------------------|---------------------|-------------------------|------------------|
| T. Anhy                   | T. Canyon           | T. Ojo Alamo            | T. Penn A"       |
| T. Salt                   | T. Strawn           | T. Kirtland             | T. Penn. "B"     |
| B. Salt                   | T. Atoka            | T. Fruitland            | T. Penn. "C"     |
| T. Yates <u>289</u>       | T. Miss             | T. Pictured Cliffs      | T. Penn. "D"     |
| T. 7 Rivers               | T. Devonian         | T. Cliff House          | T. Leadville     |
| T. Queen <u>977</u>       | T. Silurian         | T. Menefee              | T. Madison       |
| T. Grayburg               | T. Montoya          | T. Point Lookout        | T. Elbert        |
| T. San Andres <u>1740</u> | T. Simpson          | T. Mancos               | T. McCracken     |
| T. Glorieta <u>3128</u>   | T. McKee            | T. Gallup               | T. Ignacio Otzte |
| T. Paddock                | T. Ellenburger      | Base Greenhorn          | T. Granite       |
| T. Blinebry               | T. Gr. Wash         | T. Dakota               |                  |
| T. Tubb <u>4624</u>       | T. Delaware Sand    | T. Morrison             |                  |
| T. Drinkard               | T. Bone Springs     | T. Todilto              |                  |
| T. Abo                    | T. Yeso <u>3244</u> | T. Entrada              |                  |
| T. Wolfcamp               | T. _____            | T. Wingate              |                  |
| T. Penn                   | T. _____            | T. Chinle               |                  |
| T. Cisco (Bough C)        | T. _____            | T. Permian              |                  |

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
No. 2, from.....to.....

No. 3, from.....to.....  
No. 4, from.....to.....

## IMPORTANT WATER SANDS

**Include data on rate of water inflow and elevation to which water rose in hole.**

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

**Maple State #13**  
**API#: 30-015-38290**  
**EDDY, NM**

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

|                                                |                                               |
|------------------------------------------------|-----------------------------------------------|
| 27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                               |
| DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED                 |
| 3245 - 3495                                    | Acidized w/3,200 gals 15% HCL.                |
|                                                | Frac w/106,987 gals gel, 106,493# 16/30 Brown |
|                                                | sand, 5,963# 16/30 Siberprop.                 |

|                                                 |                                               |
|-------------------------------------------------|-----------------------------------------------|
| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                               |
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                 |
| 3720 - 3945                                     | Acidized w/3,500 gals 15% HCL.                |
|                                                 | Frac w/126,331 gals gel, 145,635# 16/30 Brown |
|                                                 | sand, 32,378# 16/30 Siberprop.                |

|                                                 |                                               |
|-------------------------------------------------|-----------------------------------------------|
| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                               |
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                 |
| 4005 - 4230                                     | Acidized w/3,500 gals 15% HCL.                |
|                                                 | Frac w/124,970 gals gel, 144,020# 16/30 Brown |
|                                                 | sand, 30,214# 16/30 Siberprop.                |

|                                                 |                                               |
|-------------------------------------------------|-----------------------------------------------|
| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                               |
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                 |
| 4300 - 4550                                     | Acidized w/3,500 gals 15% HCL.                |
|                                                 | Frac w/130,051 gals gel, 143,470# 16/30 Brown |
|                                                 | sand, 29,594# 16/30 Siberprop.                |

RECEIVED  
OCT 27 2011  
NMOCD ARTESIA



# Daily Wellbore Schematics Report

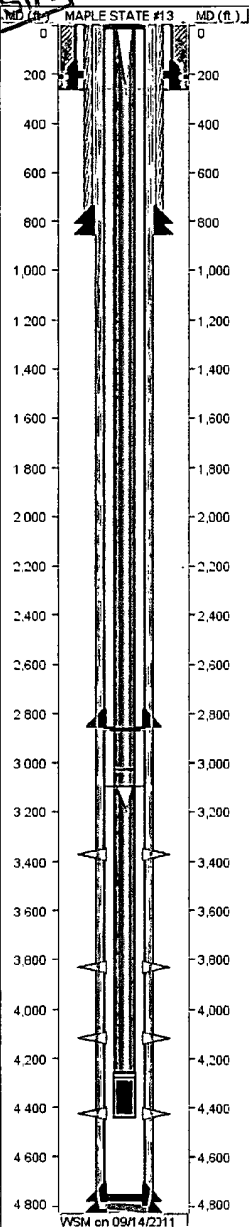
1

Well ID: 30-015-38290

Well Name: MAPLE STATE #13

Event#: 2.00

Report Dates: 09/14/2011



## PIPE SPECIFICATION

| STRING NAME  | SECTION NAME   | JOINT COUNT | START DEPTH | END DEPTH | LENGTH  | OD SIZE | ID SIZE | WT GRDNT | GRD  | CONN |
|--------------|----------------|-------------|-------------|-----------|---------|---------|---------|----------|------|------|
| SURFACE      | FLOAT SHOE     |             | 261.80      | 263.00    | 1.20    |         |         |          |      | STC  |
| SURFACE      | CASING         | 1           | 217.26      | 261.80    | 44.54   | 13.38   | 12.71   | 48.0     | H-40 | STC  |
| SURFACE      | FLOAT COLLAR   |             | 217.26      | 217.26    | 0.00    |         |         |          |      | STC  |
| SURFACE      | CASING         | 5           | -2.47       | 217.26    | 219.73  | 13.38   | 12.71   | 48.0     | H-40 | STC  |
| PRODUCTION   | FLOAT SHOE     |             | 4823.70     | 4825.00   | 1.30    |         |         |          |      | LTC  |
| PRODUCTION   | CASING         | 1           | 4779.27     | 4823.70   | 44.43   | 5.50    | 4.89    | 17.0     | J-55 | LTC  |
| PRODUCTION   | FLOAT COLLAR   |             | 4777.77     | 4779.27   | 1.50    |         |         |          |      | LTC  |
| PRODUCTION   | CASING         | 43          | 2867.12     | 4777.77   | 1910.65 | 5.50    | 4.89    | 17.0     | J-55 | LTC  |
| PRODUCTION   | MARKER JOINT   | 1           | 2852.57     | 2867.12   | 14.55   | 5.50    | 4.89    | 17.0     | J-55 | LTC  |
| PRODUCTION   | CASING         | 64          | 13.15       | 2852.57   | 2839.42 | 5.50    | 4.89    | 17.0     | J-55 | LTC  |
| PRODUCTION   | LANDING COLLAR |             | -6.01       | 13.15     | 19.16   | 5.50    | 4.89    | 17.0     | J-55 | LTC  |
| TUBING       | BULL PLUG      |             | 4441.46     | 4442.09   | 0.63    | 2.88    | 2.44    | 6.5      | J55  | 8RD  |
| TUBING       | MUD ANCHOR     | 1           | 4278.79     | 4441.46   | 162.67  | 2.88    | 2.44    | 6.5      | J55  | 8RD  |
| TUBING       | DESANDER       |             | 4259.09     | 4278.79   | 19.70   | 2.88    | 2.44    | 6.5      | N80  | 8RD  |
| TUBING       | SEAT NIPLE     |             | 4257.99     | 4259.09   | 1.10    | 2.88    | 1.90    |          |      | 8RD  |
| TUBING       | TUBING         | 1           | 3096.63     | 4257.99   | 1161.36 | 2.88    | 2.44    | 6.5      | J55  | 8RD  |
| TUBING       | TUBING ANCHOR  |             | 3093.93     | 3096.63   | 2.70    | 5.50    | 2.44    |          |      | 8RD  |
| TUBING       | TUBING         | 1           | 3028.93     | 3093.93   | 65.00   | 2.88    | 2.44    | 6.5      | J55  | 8RD  |
| TUBING       | MARKER JOINT   |             | 3026.93     | 3028.93   | 2.00    | 2.88    | 2.44    | 6.5      | J55  | 8RD  |
| TUBING       | TUBING         | 1           | 10.00       | 3026.93   | 3016.93 | 2.88    | 2.44    | 6.5      | J55  | 8RD  |
| TUBING       | KB             |             | 0.00        | 10.00     | 10.00   |         |         |          |      |      |
| INTERMEDIATE | FLOAT SHOE     |             | 852.80      | 854.00    | 1.20    |         |         |          |      | STC  |
| INTERMEDIATE | CASING         | 1           | 809.89      | 852.80    | 42.91   | 8.63    | 8.10    | 24.0     | J-55 | STC  |
| INTERMEDIATE | FLOAT COLLAR   |             | 808.39      | 809.89    | 1.50    |         |         |          |      | STC  |
| INTERMEDIATE | CASING         | 19          | -2.52       | 808.39    | 810.91  | 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                 |                     |                     |
| PRODUCTION   | 1       |                     | 0.0                 |                     |                     |
| INTERMEDIATE | 1       |                     | 0.0                 |                     |                     |

## 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    | 09/03/2011      | BLINEBRY  | 4300.00   | 4550.00      | 0.34      | 25.00    | N        |
| 2    | 09/07/2011      | BLINEBRY  | 4005.00   | 4230.00      | 0.34      | 25.00    | N        |

**Well ID:** 30-015-38290**Well Name:** MAPLE STATE #13**Event#:** 2.00**Report Dates:** 09/14/2011

| PERFORATION |                 |           |           |              |           |          |          |
|-------------|-----------------|-----------|-----------|--------------|-----------|----------|----------|
| ZONE        | JOB REPORT DATE | ZONE NAME | TOP DEPTH | BOTTOM DEPTH | HOLE SIZE | PEN SIZE | SQUEEZED |
| 3           | 09/07/2011      | BLINEBRY  | 3720.00   | 3945.00      | 0.34      | 25.00    | N        |
| 4           | 09/07/2011      | PADDOCK   | 3245.00   | 3495.00      | 0.41      | 25.00    | N        |