

Submit To Appropriate District Office
Two Copies
District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, 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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
July 17, 2008

1. WELL API NO.
30-015-38496

2. Type of Lease
☒ STATE ☐ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing
☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)
☐ C-144 CLOSURE ATTACHMENT (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
Yale State

6. Well Number
024

7. Type of Completion.
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator
COG OPERATING LLC

9. OGRID
229137

10. Address of Operator
550 West Texas Ave. Suite 100, Midland, Texas 79701

11. Pool name or Wildcat
MAR LOCO, GLORIETA-YESO, 97866

| | | | | | | | | | | |
|--------------|----------|---------|----------|-------|-----|---------------|----------|---------------|----------|--------|
| 12. Location | Unit Ltr | Section | Township | Range | Lot | Feet from the | N/S Line | Feet from the | E/W Line | County |
| Surface: | 1 | 2 | 17S | 30E | | 2310 | South | 330 | East | Eddy |
| BH: | | | | | | | | | | |

| | | | | |
|--|--------------------------------------|--|---|--|
| 13. Date Spudded 10/30/11 | 14. Date T D Reached 11/5/11 | 15. Date Rig Released 11/6/11 | 16. Date Completed (Ready to Produce) 12/9/11 | 17. Elevations (DF and RKB, RT, GR, etc) 3770' GR |
| 18. Total Measured Depth of Well 6180 | 19. Plug Back Measured Depth 6113 | 20. Was Directional Survey Made? No | 21. Type Electric and Other Logs Run CN/HNGS/CCL | |

22. Producing Interval(s), of this completion - Top, Bottom, Name
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 | 460 | 17-1/2 | 800sx | |
| 8-5/8 | 24 | 1360 | 11 | 650sx | |
| 5-1/2 | 17 | 6160 | 7-7/8 | 950sx | |
| | | | | | |
| | | | | | |

| | |
|-------------------------------------|---------------------------|
| 24. LINER RECORD | 25. TUBING RECORD |
| SIZE TOP BOTTOM SACKS CEMENT SCREEN | SIZE DEPTH SET PACKER SET |
| | 2-7/8 5568 |
| | |

| | |
|---|---|
| 26. Perforation record (interval, size, and number) | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |
| 4640 - 4865 1 SPF, 26 holes OPEN | DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED |
| 4980 - 5180 1 SPF, 26 holes OPEN | 4640 - 4865 See Attachment |
| 5270 - 5530 1 SPF, 27 holes OPEN | 4980 - 5180 See Attachment |
| 5600 - 5850 1 SPF, 26 holes OPEN | 5270 - 5530 See Attachment |
| | 5600 - 5850 See Attachment |

28. PRODUCTION

| | | | | | | | |
|-----------------------------------|--|---|------------------------|-----------------|------------------|-------------------------------------|-----------------|
| Date First Production 12/15/11 | Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 2-1/2" x 2" x 24' pump | Well Status (Prod. or Shut-in) Producing | | | | | |
| Date of Test 12/27/11 | Hours Tested 24 | Choke Size | Prod'n For Test Period | Oil - Bbl 52 | Gas - MCF 281 | Water - Bbl 150 | Gas - Oil Ratio |
| Flow Tubing Press | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl | Gas - MCF | Water - Bbl | Oil Gravity - API - (Corr) 39.1 | |

29. Disposition of Gas (Sold, used for fuel, vented, etc)
Sold

30. Test Witnessed By
Kent Greenway

31. List Attachments
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
Chasity Jackson

Printed Name
Chasity Jackson

Title
Regulatory Analyst

Date
12/27/11

E-mail Address
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 1471 | T. Miss | T. Pictured Cliffs | T. Penn. "D" |
| T. 7 Rivers | T. Devonian | T. Cliff House | T. Leadville |
| T. Queen | T. Silurian | T. Menefee | T. Madison |
| T. Grayburg | T. Montoya | T. Point Lookout | T. Elbert |
| T. San Andres 3081 | T. Simpson | T. Mancos | T. McCracken |
| T. Glorieta 4516 | T. McKee | T. Gallup | T. Ignacio Otzte |
| T. Paddock | T. Ellenburger | Base Greenhorn | T. Granite |
| T. Blinbry | T. Gr. Wash | T. Dakota | |
| T. Tubb | T. Delaware Sand | T. Morrison | |
| T. Drinkard | T. Bone Springs | T. Todilto | |
| T. Abo | T. Yeso 4589 | 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 In Feet | Lithology |
|------|----|----------------------|-----------|
| | | | |

| From | To | Thickness In Feet | Lithology |
|------|----|----------------------|-----------|
| | | | |

Yale State #24
API#: 30-015-38496
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | |
|---|--|
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| 4640 - 4865 | Acidized w/1,504 gals 15% acid. |
| | Frac w/92,378 gals gel, 117,910# 16/30 brown |
| | sand, 17,883# 16/30 siberprop. |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | |
|---|---|
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| 4980 - 5180 | Acidized w/2,250 gals 15% acid. |
| | Frac w/112,818 gals gel, 150,318# 16/30 white |
| | sand, 29,756# 16/30 siberprop. |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | |
|---|---|
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| 5270 - 5530 | Acidized w/2,250 gals 15% acid. |
| | Frac w/112,072 gals gel, 148,356# 16/30 white |
| | sand, 32,150# 16/30 siberprop. |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | |
|---|---|
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| 5600 - 5850 | Acidized w/3,250 gals 15% acid. |
| | Frac w/110,211 gals gel, 144,684# 16/30 white |
| | sand, 32,901# 16/30 siberprop. |