

| Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 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 Revised June 10, 2003 | | | | | | | | | | | |
|--|-------------------------------|---|---|---|--|----------------|-------------------------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|
| | | WELL API NO. 30-015-37452 | | 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> | | | | | | | | | | | |
| | | State Oil & Gas Lease No. | | 7. Lease Name or Unit Agreement Name Yale State | | | | | | | | | | | |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG | | | | | | | | | | | | | | | |
| 1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ b. Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL OVER BACK RESVR. <input type="checkbox"/> OTHER _____ | | | 8. Well No. 003 | | | | | | | | | | | | |
| 2. Name of Operator COG Operating LLC | | | <div style="border: 2px solid black; padding: 5px; font-weight: bold; font-size: 1.2em;"> RECEIVED FEB 16 2011 </div> | | | | | | | | | | | | |
| 3. Address of Operator 550 W. Texas Ave., Suite 100 Midland, TX 79701 | | | 9. Pool name or Wildcat Loco Hills; Glorieta-Yeso ✓ | | | | | | | | | | | | |
| 4. Well Location Unit Letter N : 330 Feet From The South Line and 1650 Feet From The West Line Section 2 Township 17S Range 30E NMPM Eddy County | | | <div style="border: 2px solid black; padding: 5px; font-weight: bold; font-size: 1.2em;"> NMOCD ARTESIA </div> | | | | | | | | | | | | |
| 10. Date Spudded 6/9/10 | | 11. Date T.D. Reached 6/19/10 | | 12. Date Compl. (Ready to Prod.) 7/12/10 | | | | | | | | | | | |
| 13. Elevations (DF& RKB, RT, GR, etc.) 3748 GR | | 14. Elev. Casinghead | | 15. Total Depth 6232 | | | | | | | | | | | |
| 16. Plug Back T.D. 6177 | | 17. If Multiple Compl. How Many Zones? Yeso | | 18. Intervals Drilled By Rotary Tools X Cable Tools | | | | | | | | | | | |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name 4650 - 5900 | | | | 20. Was Directional Survey Made No | | | | | | | | | | | |
| 21. Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS | | | | 22. Was Well Cored No | | | | | | | | | | | |
| 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 | 388 | 17-1/2 | 750 | | | | | | | | | | | |
| 8-5/8 | 24 | 1343 | 11 | 500 | | | | | | | | | | | |
| 5-1/2 | 17 | 6225 | 7-7/8 | 1050 | | | | | | | | | | | |
| 24. LINER RECORD | | | | | | | | | | | | | | | |
| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 25. TUBING RECORD | | | | | | | | | | | | | | | |
| SIZE | DEPTH SET | PACKER SET | | | | | | | | | | | | | |
| 2-7/8 | 5886 | | | | | | | | | | | | | | |
| 26. Perforation record (interval, size, and number) 4650 - 4900 1 SPF, 29 holes OPEN 5160 - 5360 1 SPF, 26 holes OPEN 5430 - 5630 1 SPF, 26 holes OPEN 5700 - 5900 1 SPF, 26 holes OPEN | | | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th style="text-align: left;">DEPTH INTERVAL</th> <th style="text-align: left;">AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>4650 - 4900</td> <td>See attachment</td> </tr> <tr> <td>5160 - 5360</td> <td>See attachment</td> </tr> <tr> <td>5430 - 5630</td> <td>See attachment</td> </tr> <tr> <td>5700 - 5900</td> <td>See attachment</td> </tr> </table> | | | DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED | 4650 - 4900 | See attachment | 5160 - 5360 | See attachment | 5430 - 5630 | See attachment | 5700 - 5900 | See attachment |
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED | | | | | | | | | | | | | | |
| 4650 - 4900 | See attachment | | | | | | | | | | | | | | |
| 5160 - 5360 | See attachment | | | | | | | | | | | | | | |
| 5430 - 5630 | See attachment | | | | | | | | | | | | | | |
| 5700 - 5900 | See attachment | | | | | | | | | | | | | | |
| 28. PRODUCTION | | | | | | | | | | | | | | | |
| Date First Production 7/18/10 | | Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2 x 2-1/4 x 24' pump | | Well Status (Prod. or Shut-in) Producing | | | | | | | | | | | |
| Date of Test 7/25/10 | Hours Tested 24 | Choke Size | Prod'n For Test Period | Oil - Bbl 187 | Gas - MCF 285 | | | | | | | | | | |
| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. 870 | | | | | | | | | | |
| | | | | Gas - Oil Ratio 1524 | | | | | | | | | | | |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold | | | | | Test Witnessed By Kent Greeway | | | | | | | | | | |
| 30. List Attachments Logs, C102, C103, Deviation Report, C104 | | | | | | | | | | | | | | | |
| 31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief | | | | | | | | | | | | | | | |
| Signature Netha Aaron E-mail Address oaaron@conchoresources.com | | Printed Name Netha Aaron Title Regulatory Analyst | | Date 2/15/11 | | | | | | | | | | | |

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. It 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 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

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. "B" |
| T. Salt | T. Strawn | T. Kirtland-Fruitland | T. Penn. "C" |
| B. Salt | T. Atoka | T. Pictured Cliffs | T. Penn. "D" |
| T. Yates 1448 | T. Miss | T. Cliff House | T. Leadville |
| T. 7 Rivers | T. Devonian | T. Menefee | T. Madison |
| T. Queen 2351 | T. Silurian | T. Point Lookout | T. Elbert |
| T. Grayburg | T. Montoya | T. Mancos | T. McCracken |
| T. San Andres 3079 | T. Simpson | T. Gallup | T. Ignacio Otzte |
| T. Glorieta 4544 | T. McKee | Base Greenhorn | T. Granite |
| T. Paddock | T. Ellenburger | T. Dakota | T. |
| T. Blinebry | T. Gr. Wash | T. Morrison | T. |
| T. Tubb 5997 | T. Delaware Sand | T. Todilto | T. |
| T. Drinkard | T. Bone Spring | T. Entrada | T. |
| T. Abo | T. Morrow | T. Wingate | T. |
| T. Wolfcamp | T. Yeso 4610 | T. Chinle | T. |
| T. Penn | T. | T. Permian | T. |
| T. Cisco (Bough C) | T. | T. Penn "A" | T. |

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 #3
API#: 30-015-37452
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

| | |
|---|--|
| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | |
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| 4650 - 4900 | Acidize w/3000 gals 15% HCL. |
| | Frac w/94,243 gals gel, 96,874# 16/30 Ottawa |
| | sand, 9,910 #16/30 CRC. |

| | |
|---|---|
| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | |
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| 5160 - 5360 | Acidize w/3500 gals 15% HCL. |
| | Frac w/116,375 gals gel 143,614# 16/30 Ottawa |
| | sand, 35,936# 16/30 CRC. |

| | |
|---|--|
| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | |
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| 5430 - 5630 | Acidize w/3500 gals 15% HCL. |
| | Frac w/115,065 gals gel, 148,462# 16/30 Ottawa |
| | sand, 33,241# 16/30 CRC. |

| | |
|---|--|
| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | |
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| 5700 - 5900 | Acidize w/3500 gals 15% HCL. |
| | Frac w/116,469 gals gel, 145,885# 16/30 Ottawa |
| | sand, 36,299# 16/30 CRC. |