Form 3160-4 (April 2004) UNITED STATES FORM APPROVED OMBNO. 1004-0137 Expires: March 31, 2007 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG 5. Lease Serial No. NM-81622 6. If Indian, Allottee or Tribe Name Oil Well Gas Well Dry Other la. Type of Well New Well Work Over Deepen Plug Back Diff. Resvr, . Type of Completion: Unit or CA Agreement Name and No. Name of Operator COG Operating LLC Lease Name and Well No.
Gold Rush 30 Federal #8 AFI Well No. Phone No. (include area code) 3. Address 550 W. Texas, Suite 1300 30-015-29949 432-685-4340 10. Field and Pool, or Exploratory Location of Well (Report location clearly and in accordance with Federal requirements)* Nash Draw; Delaware 47545 RECEIVED At surface 2630' FSL & 2310' FEL Sec., T., R., M., on Block and Survey or Area Sec 30 T23S, R30E At top prod. interval reported below AUG 1 0 2005 County or Parish 13. State COD-AMIESIA At total depth Eddy 15. Date T.D. Reached 16. Date Completed Elevations (DF, RKB, RT, GL)* 14. Date Spudded 07/01/2005 04/15/2005 04/29/2005 D&A Ready to Prod. 3096 GL 20. Depth Bridge Plug Set: 19. Plug Back T.D.: MD 18. Total Depth: MD MD TVD TVD 7250 TVD 7169 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Was well cored? ✓ No Yes (Submit analysis) Was DST run? ✓ No Yes (Submit report) Three Detector Litho-Density CN / GR Directional Survey? √ No Yes (Submit copy) 23. Casing and Liner Record (Report all strings set in well) Stage Cementer No. of Sks. & Type of Cement Slurry Vol. (BBL) Amount Pulled Hole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Cement Top* Depth 17-1/2 13-3/8 625 520 Cl C 48 Surf 142sx to pit 875 CI C 8-5/8 3300 11 32 Surf 184sx to pit 5-1/2 17 7250 420 Cemcrete 7-7/8 3362 **Tubing Record** Depth Set (MD) Packer Depth (MD) Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) | Packer Depth (MD) Size Size 2-7/8 6909 none 25. Producing Intervals Perforation Record Formation Top Bottom Perforated Interval Size No. Holes Perf. Status Delaware 6866 6990 - 7018 .42 57 Open B) 6866 7056 - 7076 42 41 Delaware Open Č) D) 27. Acid. Fracture, Treatment, Cement Squeeze, etc. Amount and Type of Material Depth Interval 6990 - 7076 Acidize Delaware perfs w/ 2000 gal 90/10 7-1/2% acid with 140 ball sealers. Frac Delaware perfs w/ 32,500 gals X-linked gel w/ 88,000# 16/30 Ottawa & 32,000# 16/30 resin coated sand 6990 - 7076 28. Production - Interval A Date First Test Date Oil Gravity Corr. API Production Method Hours Tested Oil BBL Gas MCF Water BBL Production Produced Gravity 07/09/2005 200 PUMPING 07/01/2005 24 43.0 48 189 Choke Tbg. Press Oil BBL Water BBL Gas/Oil Well Status Csg. Press. 24 Hr. MCF Flwg. Ratio Size Rate PRODUCING

4167

Oil Gravity Corr. API

Gas/Oil

Ratio

Gas Gravity

Well Status

Production Method

Water BBL

Water BBL

Gas MCF

Gas

MCF

Test

24 Hr.

Rate

Production

BBL

Oil BBL

Hours

Press

SI

28a. Production - Interval B

Test Date

Tbg. Press Flwg.

Date First

Produced

Choke

Size

^{*(}See instructions and spaces for additional data on page 2)

| 28b. Production - Interval C | | | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|--------------------|------------|------------------------------|---------------|--------------------------|----------------|---------------------------------|---------------------------------------|
| Date First | Test | Hours | Test | Oil | Gas | Water | Oil Gravity | Gas | Production Method | · · · · · · · · · · · · · · · · · · · |
| Produced | Date | Tested | Production | BBL | MCF | BBL | Corr. API | Gravity | | |
| Choke | Tbg. Press. | Csg. | | Oil | Gas | Water | Gas/Oil | Well Status | | |
| Size | Flwg. | Press. | 24 Hr. Rate | BBL | MCF | BBL | Ratio | Wen blatas | | |
| | SI | | — | | | | | | | |
| 28c. Production - Interval D | | | | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Cort. API | Gas Gravity | Production Method | |
| | | | > | | | | | | | |
| Choke | Tbg. Press. | Csg. | 24 Hr. | Oil | Gas | Water | Gas/Oil | Well Status | | |
| Size | Flwg. SI | Press. | Rate | BBL | MCF | BBL | Ratio | | | |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.) | | | | | | | | | | |
| SOLD | | | | | | | | | | |
| 30. Summary of Porous Zones (Include Aquifers): 31. Formation (Log) Markers | | | | | | | | | | |
| Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem | | | | | | | | | | |
| tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures | | | | | | | | | | |
| and recoveries. | | | | | | | | | | |
| Formation | | Top | Top Bottom | | Descriptions, Contents, etc. | | | | Name Top Meas. D | |
| | | ļ <u></u> | | | | | | | | |
| | | | | 1 | | | | ļ | | |
| DELAW | ARE | 3370 | ľ | | | | | | | |
| LOWER | | İ | | ļ | | | | | | |
| BRUSHY CANYON | | 6866 | 1 | ļ | | | | | | |
| | | 0000 | | | | | | | | |
| BONE SI | PRING | 7120 | 1 | | | | |] | | |
| | | } | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | 1 |
| | | İ | | | | | | | • | |
| | | | | | | | | 1 | | |
| | | | |] | | | | | | |
| | | | | | | | | | | |
| 32. Additional remarks (include plugging procedure): | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 33. Indicate which itmes have been attached by placing a check in the appropriate boxes: | | | | | | | | | | |
| | | | | | | | | | | |
| ✓ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey ☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ✓ Other: | | | | | | | | | | |
| ☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other: DEVIATION SURVEY | | | | | | | | | | |
| 34. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)* | | | | | | | | | | |
| , , , | | | | | | | | | | |
| Name (please print) Phyllis A. Edwards Title Regulatory Analyst | | | | | | | | | | |
| Name (please print) Phyllis A. Edwards Title | | | | | | | | | | |
| 6 : | t | /// | 11. | -11 | | 1 | | 005 | | |
| Signati | ure 🕌 | 1/2 | jul | MC | Kas | ord | Date Volvaliza | | | |
| Title 1911 | S.C. Section | n 1001 a- | 1 Title //2 11 | S.C. Santi | on 1212 | ke it a crima | for any nerson knowl | ingly and will | fully to make to any department | Or agency of the United |
| Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. | | | | | | | | | | |