Form 3160-4 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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FORM APPROVED OMBNO 1004-0137 Expires March 31, 2007

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|---|----------------------------------|-----------------|----------------------|--|------------|--------------------------------|-------------------------|----------------------------|---------------------------|----------------------|-------------------------------------|---------------------------------------|--|--------|---------------|---------------------|
| | VV L.C. | L COIV | 11 LL 1 | IION C | ח ח | LOOMFLL | IION | HEFOR | 1 7(14) | D LOC | 4 | | 5. | Lease | Senal No | NM-074935 |
| la Type of Well | | | | | | | | | | 6 | 6 If Indian, Allottee or Tribe Name | | | | | |
| Other | | | | | | | | | | 7. | Unit o | r CA Agree | ment Name and No | | | |
| 2 Name of Operator COG Operating LLC | | | | | | | | | | 8 | | Name and V | | | | |
| 3 Address 550 W. Texas, Suite 1300, Midland, TX 79701 3a Phone No (include area code) | | | | | | | | | | 9 | 9 AFI Well No 30-015-35430 | | | | | |
| 4 Location | on of Well | (Papart la | cation | Jaarly and | l in acc | ordance with | Endaral # | · | 2-685- | | _ | | 10 | | | Exploratory |
| | | Reportio | cunon c | rearry una | i in acc | ordance with | reaerair | equiremen | " NC |)V 1 | 3 | 2007 | | | | Glorieta Yeso |
| At surface 330 FSL & 330 FWL, Unit M At top prod interval reported below OCD-ARTESIA | | | | | | | | | | Δ 11 | Sec , 7 Survey | R, M, or or Area S | n Block and Sec 10, T17S, R30E | | | |
| 44.4-4- | 1 441 | | | | | | | | | | | | 12 | | y or Parish | i i |
| | l depth | | 115 | Date T.D. | Reach | ed | | 16 Date C | omnlete | d 101 | | | 17 | Eddy | ions (DF F | NM RKB, RT, GL)* |
| 14 Date Spudded 15 09/17/2007 | | | | Date T D Reached 09/27/2007 | | | | | | | 10/17/2007 Ready to Prod | | | | 3695 GL | |
| 18. Total I | D 5925 | | 19. Plug Back T D MD | | | | 20. Depth B | | | Bndge F | Plug Set | MD TVI | | | | |
| TVD TVD | | | | | | | | | | j ² | | | met analysis) | | | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22 Was well cored? Was DST run? CN / HNGS, Micro CFL / HNGS Directional Surve | | | | | | | | | | V | No □ V No | Yes (Sub | mit analysis) mit report) Submit copy) | | | |
| 23. Casin | g and Line | | | Υ | _ <u> </u> | et in well) | Ctago | Cementer | N- | -C Cl - 1 | 0. 1 | 01 | v-i T | | | |
| Hole Size | le Size Size/Grade Wt (#/ft) | | Top (MD) | | Bottom (MD | | epth | | o of Sks & pe of Cemen | | Slurry Vol. (BBL) | | Cement Top* | | Amount Pulled | |
| 17-1/2 | | | | <u> </u> | | 448 | | | | 80 C | | | 1" | | Surface | |
| 7-7/8 | 8-5/8 5-1/2 | 17 | | | | 1358 5920 | | | | 800 C 1300 C | | | | | urface | 348 248 |
| 1-1/6 | 3-1/2 | | | | | 3920 | + | | 1300 | | | | | | urface | 248 |
| | + | - | | | | | - | | ļ | | \dashv | | | | | |
| | † | | | | | | + | | | | - | · · · · · · · · · · · · · · · · · · · | | | | |
| 24 Tubing | g Record | | | <u>. </u> | | L | | | ! | | 1 | | | | | |
| Size | | Set (MD |) Pack | er Depth (| MD) | Size | Depth | Set (MD) | Packer | Depth (| MD) | S | ıze | Deptl | Set (MD) | Packer Depth (MD) |
| 2-7/8 | 5836 | | | | | | | | | | | | | | | |
| 25 Produc | ing Interva | | | | | - B | | Perforation Record | | | | _, , | | | | |
| <u> </u> | Formation | 1 | | Top Bottom | | | Perforated Interval | | | Size | | | No Holes | | Perf Status | |
| A) Yeso B) Yeso | | | | | | | | 5020 - 5220 5330 - 5530 | | | | | 36 | | Open Open | |
| C) Yeso | | | | | | | - 5820 | | | | | | Open | | | |
| D) | | | | | | | 1 | | | | - | - | | | - Open | |
| 27 Acid, | Fracture, Tr | eatment, | Cement | Squeeze, e | etc | | | | | | | | | | | |
| I | Depth Interv | val | | | | | | A | mount | and Type | e of | Material | | | | |
| 5020 - 5 | | | | | | 530 gals acid | | | | <u>_</u> | | | | | | |
| 5330 - 5 5620 - 5 | | | | | | 500 gals acid 500 gals acid | | | | | | | | | | |
| 3020 - 3 | 020 | | | ACIUIZE | W/ Z, | oo gais aciu | . FIAC W | 3,703# LI | сегтор | 14/30, | 01,3 | 25# 10/3 | ou sand | | | |
| 28 Produ | ction - Inte | rval A | | | | | | | | | | * | | | | |
| Date First | Test Date | Hours Tested | Test Produ | Oil BB | l at | Gas MCF | Water BBL | Otl Gra Corr A | vity | G | | | oduction | Method | | |
| 10/18/2007 | | | | | 1 1 | 446 | 1 | 38.6 | | Gravity Pu | | Pumping | | | | |
| Choke Size | Choke Tbg Press Csg 24 Hr | | Oil BBL | | Gas MCF | Water BBL | Gas/Oil Ratio | | We | Well Status | | Producing | g | | | |
| 28a Prod | uction - Inte | erval B | | | | 1 | | | | | | | | | | |
| Date First Test Hours Test Produced Date Tested Produced | | | ction BBL | | Gas MCF | Water BBL | Oil Gravity Corr API | | | Gas Produ Gravity | | oduction | Method | | | |
| Choke Size | | | 24 Hr Rate | | | Gas MCF | Water BBL | Gas/Oil Ratio | Gas/Oil Ratio | | Well Status | | | | | |
| | 1 | L | 1 . | | | | | | | | | | | | | |

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

| 20k D1 | uction - Inte | rval C | | | | | | | | 1 | |
|--|---------------------------|-----------------|-------------------------------|------------|--------------|-----------------------------|--------------------------|----------------|-------------------|-------------------|--|
| Date First | Test | Hours | Test | Oil | Gas | Water | Oil Gravity | Gas | Production Method | | |
| Produced | Date | Tested | Production | BBL | MCF | BBL | Oil Gravity Corr. API | Gravity | | | |
| Choke Size | Tbg Press Flwg. Sl | Csg Press. | 24 Hr Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | | | |
| | luction - Int | | | | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Con. API | Gas Gravity | Production Method | | |
| Choke Size | Tog. Press Flwg. SI | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | | | | |
| 29. Disp | | Gas (Sold, i | ised for fuel | vented, et | c.) | | | | | | |
| 30. Summary of Porous Zones (Include Aquifers): 31. Formation (Log) Markers | | | | | | | | | | | |
| Sho | w all impor | tant zones | of porosity val tested, cu | and conten | n l | 31. Formation (Log) Walkers | | | | | |
| For | Formation | | Bottom | | Desc | riptions, Cont | tents, etc. | | Name | Top Meas Depth | |
| Yates | | 1250 | | | | | | | | | |
| 7 Rivers | | 1550 | | | | | | } | | | |
| Queen | | 2160 | } | | | | | • | | | |
| San And | troe | 2880 | 1 | | | | | } | | | |
| San Andres | | | Ì | | | | | | | | |
| Yeso | | 4400 | } | | | | | } | | | |
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| 32. Additional remarks (include plugging procedure): | | | | | | | | | | | |
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| 72 1 1 | and a shirt of | | 41. 1 | 11 | | 4 | | | | | |
| | | | | | | the appropria | | . Clr | -16 | | |
| ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey ☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: | | | | | | | | | | | |
| Construction brugging and content verification Cote Analysis (*) Other: | | | | | | | | | | | |
| 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)* | | | | | | | | | | | |
| Name (please print) Kanicia Carrillo Title Regulatory Analyst | | | | | | | | | | | |
| Signature Date 11/06/2007 | | | | | | | | | | | |
| | | | | | | | | | | | |

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.