Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

MAR 1 3 2013

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

BUREAU OF LAND MANAGEMENT

SELL COMPLETION OF RECOMPLETION PERCONDICTION PERCONDICTION

| | WELL C | OMPL | ETION O | R RECO | MPLE | IION R | EPOK I | ANDLO | - | | | ise Seriai N MNM7724 | 0. | | | |
|---|----------------------------|-----------------|----------------------------|---------------------------------------|-------------------------------|--------------|--|---------------------------------------|----------------|--|---|----------------------------|---------------------------------------|--|-------------|--|
| 1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other b. Type of Completion ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other ☐ Other | | | | | | | | | | | 6. If Indian, Allottee or Tribe Name | | | | | |
| | | | | | | | | | | esvr. | 7. Unit or CA Agreement Name and No. | | | | | |
| 2. Name of Operator Contact: KANICIA CASTILLO COG OPERATING LLC 'E-Mail: kcastillo@concho.com | | | | | | | | | | Lease Name and Well No. SANTA ELENA 19 FEDERAL 1 | | | | | | |
| 3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE 3a. Phone No. (include area code) MIDLAND, TX 79701 Ph. 432-685-4332 | | | | | | | | | | 9. API Well No. 30-015-40567-00-S1 | | | | | | |
| 4. Location | | | ion clearly an | d in accorda | nce with | | | | | | | eld and Poo | | | | |
| At surface SWNW 1650FNL 330FWL | | | | | | | | | | WILDCAT 11. Sec., T., R., M., or Block and Survey | | | | | | |
| At top prod interval reported below SWNW 1650FNL 330FWL | | | | | | | | | | or Area Sec 19 T16S R30E Mer NMP | | | | | | |
| At total depth SWNW 1693FNL 341FEL | | | | | | | | | | | ounty or Par DDY | rish | 13. State NM | | | |
| 14. Date Spudded 12/05/2012 15. Date T.D. Reached 12/28/2012 16. Date Completed 16. | | | | | | | | | | rod. | 17. Elevations (DF, KB, RT, GL)* 3740 GL | | | | | |
| 18. Total D | epth: | MD TVD | 8549 4303 | 19. | 19. Plug Back T.D.: MD TVD | | | | | 20. Dep | Depth Bridge Plug Set: MD TVD | | | | | |
| 21. Type E CN | lectric & Oth | er Mecha | nical Logs R | un (Submit c | opy of ea | ch) | | 22 | Was I | vell cored OST run? tional Sur | Ċ | No [| 🕽 Yes (| Submit analysi Submit analysi Submit analysi | is) | |
| 3. Casing ar | nd Liner Reco | ord (Repo | ort all strings | set in well) | | | | , | | | | | | | | |
| Hole Size | ze Size/Grade | | Wt. (#/ft.) | Top Bot (MD) | | | ge Cementer Depth | No. of Sks. & Type of Cement | | Slurry Vol. , (BBL) | | Cement Top* | | Amount Pull | ed | |
| 17.500 | .500 13.375 H-40 | | | C | 0 419 | | | | | 00 | | 0 | | | | |
| 12.250 | | | | | 0 2720 | | | | 850 | | - | | 0 | | | |
| 8.750 7.875 | | | | 3764 | 0 3764 64 8549 | | | | 1350 | | | | 0 | | | |
| 6.125 | | | | | -3764 8549 | | | | 1350 | | | 0 | | | | |
| 14 Tuhing | Paged | | | i | <u> </u> | | | | • | <u> </u> | | | | • | | |
| 24. Tubing Size | Depth Set (M | (D) F | Packer Depth | (MD) S | ize I | Depth Set | (MD) F | acker Depth | (MD) | Size | Dei | oth Set (MD | D) F | Packer Depth (N | MD) | |
| 2.875 | | 3811 | | | | | | | · | | | | | | | |
| | ng Intervals | | | | | 26. Perf | oration Reco | | | | 1. | | | D C C: . | | |
| A) | Formation YESO | | Top Bo | | ottom 8426 | | Perforated Interval Size 4511 TO 8426 0. | | | | No. Holes Perf. Status 430 360 OPEN | | | Perf. Status | | |
| 3) | | | | | | | | | | | | | | | | |
| <u>) </u> | | | | | | | | | + | | | | | | | |
| D) 27. Acid, Fi | racture, Treat | ment, Ce | ment Squeeze | e, Etc. | | - | | · · · · · · · · · · · · · · · · · · · | _ | | ļ | | | | | |
| • | Depth Interva | | | · · · · · · · · · · · · · · · · · · · | | | | mount and T | | | | | | | | |
| | | | 426 ACIDIZI 426 625,900 | | | | | | | | | 1,008,557 G | SALS G | EL, | | |
| | 40 | 511 10 6 | 420 025,900 | # 100 NILSI | JOAND, 2 | 2,437,300 | 7# 10/30 BICC | DVIII OAIID, | 2,030,03 | 20/40 | CINO. | RFI | TA | YE'A RA | | |
| | | | | | | | | | | | | No Wilm | 7 | 7 6 | <u> </u> | |
| 28. Product | ion - Interval | Hours | Test | Oil | Gas | Water | Oil G | ravity | Gas | | Producti | on Method | · | - 0 / | <u> </u> | |
| oduced 02/15/2013 | Date 02/21/2013 | Tested 24 | Production | BBL 121.0 | MCF 185,0 | BBL | 0.0 Corr. | | Gravity | y 0.60 | | | DIIMD S | SUB-SURFACE | | |
| hoke | Tbg. Press. | Csg. | 24.Нг. | Oil | Gas | Water | Gas:C | | Well S | | - AT | STATE STATE STATE STATE ST | me, prom | OP DE | | |
| ze | Flwg. 70 SI | Press. 70.0 | Rate | 121 · | MCF 185 | BBL 9 | Ratio | 1528 | F | ow A | | |) | UK KE(| iUľ | |
| 28a. Produc | tion - Interva | ıl B | | | İ | | | | | | | | | | 二 | |
| ate First roduced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil G Соп. | | Gas Gravity | y : | Producti | n Method | 3 | 7 2013 | | |
| hoke ize | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:0 Ratio | Dil | Well S | tatus | | 1/ | · · · · · · · · · · · · · · · · · · · | | | |
| See instruct | l | ces for ac | lditional data | on reverse s | ide) | 1 | - 1 | | _:1 | | <u></u> | DEALL OF | 7 Z | D MANIACEA | <u> </u> | |
| LECTRO! | NIC CUDÎMI | CCÍON # | 200402 VED | IFIFD BV | PHE RI | M WELI | INFORM I REVIS | ATION SYS ED ** BLI | TEM VI REV | /ISED | ** B (| KLAU OF M/RÉ VI | LANI SÉD | D MANAGEN ₩LD OFFICI | vieivi E | |

gu

| 28b. Prod | uction - Interv | al C | | | + | | | | | | | | | |
|--|-----------------------------------|----------------------------|---------------------------------|------------------------------|---------------------|--|---|------------|------------------------------------|---|-----------------|-------------|--|--|
| Date First | Test | Hours | Test | Oil | Gas | Water | Oil Gravity | | as | Production Method | | | | |
| Produced | Date | Tested | Production | BBL | MCF | BBL . | Corr. API | G | ravity | <u> </u> | | | | |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | · W | ell Status | | | | | |
| Size | SI | riess. | I Kate | BBL | IMCI | BBL | Katio | 1 | | | | | | |
| 28c. Prod | uction - Interv | al D | | | | I | | <u> </u> | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | | as ravity | Production Method | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | W | Well Status | | | | | |
| 29. Dispo | sition of Gas | Sold, usea | l for fuel, vent | ed, etc.) | | | | | | - | | | | |
| | nary of Porous | Zones (I | nclude Aquife | rs): | | | | | 31. Fc | ormation (Log) Mark | ers | | | |
| Show tests, | all important | zones of | porosity and c | ontents there | eof: Co e tool c | red intervals and open, flowing and | l all drill-stem d shut-in pressu | res | | | | | | |
| | | | | | | | | | | То | | | | |
| | Formation Top Bottor | | | | | Descripti | ons, Contents, e | etc. | | Name | | Meas. Depth | | |
| RUSTLER SALADO 429 YATES 1126 SEVEN RIVERS SAN ANDRES GLORIETA TUBB 32. Additional remarks (include plugging procedure): Logs will be mailed. | | | | | | DOLOMITE 8 SANDSTONE | & DOLOMITE LIMESTONE SANDSTONE | | TO Y/ SI S/ G | RUSTLER 290 TOP SALT 429 YATES 1126 SEVEN RIVERS 1372 SAN ANDRES 2728 GLORIETA 4134 TUBB 5404 | | | | |
| | e enclosed atta | | (1 6 33 | (4) | | 2 C | . D | | 2 DCT D | | 4 Dissetion | -al C | | |
| Electrical/Mechanical Logs (1 full set req'd.) Sundry Notice for plugging and cement verification | | | | | | 2. Geologi6. Core Ar | • | | 3. DSTR 7 Other: | 3. DST Report 4. Directional Survey 7 Other: | | | | |
| | eby certify that | | Elect Committed | ronic Subn Fo to AFMSS | ussion or COG | complete and compl | ed by the BLM LLC, sent to t RT SIMMONS | Well Inf | Formation S Sbad 4/2013 (131 | • | hed instruction | ons): | | |
| ivaini | c _{(preuse prini} | / IVINO | , , ONO HELL | · | | | | INLER | a VETV | | | | | |
| Signa | ature | (Electro | onic Submiss | ion) | | | Date | 03/01/2 | 013 | | | | | |
| | | | | | | | | | | | | | | |
| Title 18 I | U.S.C. Section nited States an | n 1001 and y false, fie | d Title 43 U.S ctitious or frac | .C. Section dulent staten | 1212, n | nake it a crime for r representations | or any person kr as to any matte | nowingly a | and willfull ts jurisdiction | y to make to any de on. | partment or a | gency | | |