

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO 1004-0135
Expires July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease-Serial No
NMLC028784B

6. If Indian, Allottee or Tribe Name

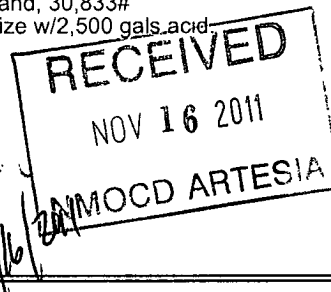
SUBMIT IN TRIPLICATE - Other instructions on reverse side.7. If Unit or CA/Agreement, Name and/or No.
NMNM88525X1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No
BURCH KEELY UNIT 5942. Name of Operator
COG OPERATING LLCContact: CHASITY JACKSON
E-Mail: c.jackson@concho.com9. API Well No.
30-015-385593a. Address
550 WEST TEXAS AVENUE SUITE 100
MIDLAND, TX 797013b. Phone No (include area code)
Ph. 432-686-308710. Field and Pool, or Exploratory
GRAYBURG JACKSON4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 23 T17S R29E 510FNL 1919FEL11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other Drilling Operations |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

9/14/11 Test 5-1/2 BOP to 3500psi, 30 min. ok.
9/15/11 Perf Blinbry @ 4460-4710 w/1 SPF, 26 holes.
9/17/11 Acidize w/3,500 gals acid. Frac w/102,998 gals gel, 147,833# 16/30 white sand, 30,833#
16/30 CRC. Set CBP @ 4410. Perf Paddock @ 4115-4390 w/1 SPF, 26 holes. Acidize w/2,500 gals acid.
Frac w/105,767 gals gel, 110,405# 16/30 white sand, 19,082# 16/30 CRC.
9/25/11 Clean out to PBTD 4774.
9/26/11 RIH w/119jts 2-7/8" 6.5# J55 tbg, SN @ 4614.
9/27/11 RIH w/PC pump. Hang on well.

Accepted for record
NMOC

14. I hereby certify that the foregoing is true and correct
**Electronic Submission #123175 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad**

Name (Printed/Typed) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 11/14/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC028784B

| | | | | | |
|--|--|--|--|--|--|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | | 6. If Indian, Allottee or Tribe Name | | |
| b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____ | | | 7. Unit or CA Agreement Name and No. NMNM88525X | | |
| 2. Name of Operator COG OPERATING LLC | | | Contact CHASITY JACKSON E-Mail cjackson@concho.com | | |
| 3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701 | | | 3a. Phone No (include area code) Ph 432-686-3087 | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot B 510FNL 1919FEL At top prod interval reported below Lot B 510FNL 1919FEL At total depth Lot B 344FNL 2006FEL | | | 8. Lease Name and Well No BURCH-KEELY UNIT 594 | | |
| 14. Date Spudded 08/22/2011 | | | 15. Date T D Reached 08/30/2011 | | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 09/27/2011 | | | 17. Elevations (DF, KB, RT, GL)* 3598 GL | | |
| 18. Total Depth MD 4821 TVD 4821 | | | 19. Plug Back T D MD 4774 TVD 4774 | | |
| 20. Depth Bridge Plug Set MD TVD | | | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN/HNGS,MCFL/HNGS | | |
| 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) | | | | | |

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sks & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 17 500 | 13 375 H40 | 48 0 | | 332 | | 950 | | | |
| 11 000 | 8 625 J55 | 24 0 | | 1024 | | 500 | | | |
| 7.875 | 5 500 J55 | 17 0 | | 4821 | | 900 | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2 875 | 4614 | | | | | | | |

25. Producing Intervals

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf Status |
|-------------|------|--------|---------------------|-------|-----------|-------------|
| A) PADDOCK | 4115 | 4390 | 4115 TO 4390 | 0 410 | 26 | OPEN |
| B) BLINEBRY | 4460 | 4710 | 4460 TO 4710 | 0 410 | 26 | OPEN |
| C) | | | | | | |
| D) | | | | | | |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material |
|----------------|---|
| 4115 TO 4390 | ACIDIZE W/2,500 GALS 15% ACID |
| 4115 TO 4390 | FRAC W/105,767 GALS GEL, 110,405# 16/30 WHITE SAND, 19,082# 16/30 CRC |
| 4460 TO 4710 | ACIDIZE W/3,500 GALS 15% ACID |
| 4460 TO 4710 | FRAC W/102,998 GALS GEL, 147,833# 16/30 WHITE SAND, 30,044# 16/30 CRC |

28. Production - Interval A

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-----------------------|
| 09/28/2011 | 10/01/2011 | 24 | → | 79 0 | 151 0 | 275.0 | 37 9 | | ELECTRIC PUMPING UNIT |
| Choke Size | Tbg Press Flwg SI | Csg Press | 24 Hr Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| | | 70 0 | → | | | | 1911 | POW | |

28a. Production - Interval B

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg Press Flwg SI | Csg Press | 24 Hr Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| | | | → | | | | | | |

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #123173 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

28b. Production - Interval C

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr API | Gas Gravity | Production Method |
|---------------------|--------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg Press Flwg. SI | Csg Press | 24 Hr Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| | | | → | | | | | | |

28c. Production - Interval D

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr API | Gas Gravity | Production Method |
|---------------------|--------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg Press Flwg. SI | Csg Press | 24 Hr Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| | | | → | | | | | | |

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

30. Summary of Porous Zones (Include Aquifers):

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.

31 Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top Meas. Depth |
|------------|------|--------|------------------------------|----------------------|--------------------|
| RUSTLER | 249 | | ANHYDRITE | ANHYDRITE | 249 |
| SALT | 393 | | SALT | SALT | 393 |
| YATES | 998 | | DOLOMITE & SAND | DOLOMITE & SAND | 998 |
| QUEEN | 1881 | | DOLOMITE & ANHYDRITE | DOLOMITE & ANHYDRITE | 1881 |
| SAN ANDRES | 2573 | | SAND | SAND | 2573 |
| GLORIETA | 4016 | | DOLOMITE & ANHYDRITE | DOLOMITE & ANHYDRITE | 4016 |
| YESO | 4108 | | SAND & DOLOMITE | SAND & DOLOMITE | 4108 |

32 Additional remarks (include plugging procedure)

33. Circle enclosed attachments:

- | | | | |
|--|-------------------|---------------|----------------------|
| 1 Electrical/Mechanical Logs (1 full set req'd) | 2 Geologic Report | 3. DST Report | 4 Directional Survey |
| 5 Sundry Notice for plugging and cement verification | 6 Core Analysis | 7 Other. | |

34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)

Electronic Submission #123173 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 11/14/2011

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**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****