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Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM54398

1a. Type of Well [] Oil Well [x] Gas Well [] Dry [] Other
b. Type of Completion [x] New Well [] Work Over [] Deepen [] Plug Back [] Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.

2. Name of Operator COG OPERATING LLC Contact: AMANDA AVERY E-Mail: aavery@concho.com

8. Lease Name and Well No. HOWITZER FEDERAL COM 603H

3. Address 2208 W MAIN STREET ARTESIA, NM 88210

3a. Phone No. (include area code) Ph: 575-748-6940

9. API Well No. 30-015-45832

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 12 T24S R28E Mer NMP
At surface NENE Lot A 1044FNL 620FEL 32.236791 N Lat, 104.034304 W Lon
Sec 12 T24S R28E Mer NMP
At top prod interval reported below NENE Lot A 1044FNL 620FEL 32.236791 N Lat, 104.034304 W Lon
Sec 11 T24S R28E Mer NMP
At total depth NWNW Lot D 1205FNL 201FWL 32.236496 N Lat, 104.066274 W Lon

10. Field and Pool, or Exploratory PURPLE SAGE; WOLFCAMP

11. Sec., T., R., M., or Block and Survey or Area Sec 12 T24S R28E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 04/22/2019

15. Date T.D. Reached 07/18/2019

16. Date Completed [] D & A [x] Ready to Prod. 11/25/2019

17. Elevations (DF, KB, RT, GL)* 2974 GL

18. Total Depth: MD 19881 TVD 9299

19. Plug Back T.D.: MD 19650 TVD 9299

20. Depth Bridge Plug Set: MD 19792 TVD 9299

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? [x] No [] Yes (Submit analysis)
Was DST run? [x] No [] Yes (Submit analysis)
Directional Survey? [] No [x] Yes (Submit analysis)

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

Table with columns: Hole Size, Size/Grade, Wt. (#/ft.), Top (MD), Bottom (MD), Stage Cementer Depth, No. of Sk. & Type of Cement, Slurry Vol. (BBL), Cement Top*, Amount Pulled

24. Tubing Record

Table with columns: Size, Depth Set (MD), Packer Depth (MD)

25. Producing Intervals

26. Perforation Record

Table with columns: Formation, Top, Bottom, Perforated Interval, Size, No. Holes, Perf. Status

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

Table with columns: Depth Interval, Amount and Type of Material

28. Production - Interval A

Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method

28a. Production - Interval B

Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method

(See Instructions and spaces for additional data on reverse side) ELECTRONIC SUBMISSION #503673 VERIFIED BY THE BLM WELL INFORMATION SYSTEM ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Handwritten signature/initials 'db'

