

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

RECEIVED

Form C-104  
Revised August 1, 2011

MAY 13 2019

Submit one copy to appropriate District Office

DISTRICT II-ARTESIA O.C.D. AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address COG Operating LLC 600 W. Illinois Avenue Midland, TX 79701		<sup>2</sup> OGRID Number 229137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW Effective 03/05/2019
<sup>4</sup> API Number 30 - 015 - 44807	<sup>5</sup> Pool Name Dodd; Glorieta-Upper Yeso	<sup>6</sup> Pool Code 97917
<sup>7</sup> Property Code 308195	<sup>8</sup> Property Name Dodd Federal Unit	<sup>9</sup> Well Number 980H

II. <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	10	17S	29E		330	North	1800	West	Eddy

<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	11	17S	29E		339	North	570	East	Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 03/05/2019	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
27841	Navajo	O
36785	Frontier	G

IV. Well Completion Data

<sup>21</sup> Spud Date 11/13/18	<sup>22</sup> Ready Date 03/05/2019	<sup>23</sup> TD 12,053 MD/ 4237 TVD	<sup>24</sup> PBDT 12,018'	<sup>25</sup> Perforations 4319 - 11836	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17-1/2	13-3/8	255	350		
12-1/4	9-5/8	968	650		
8-3/4	7	3320			
8-3/4	5-1/2	12030	840		
	2-7/8	4524			

V. Well Test Data

<sup>31</sup> Date New Oil 3/24/19	<sup>32</sup> Gas Delivery Date 3/24/19	<sup>33</sup> Test Date 3/25/19	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure 350
<sup>37</sup> Choke Size	<sup>38</sup> Oil 208	<sup>39</sup> Water 2556	<sup>40</sup> Gas 709		<sup>41</sup> Test Method P

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

*Dana King*

Printed name:

Dana King

Title:

Permit Specialist II

E-mail Address:

dking@concho.com

Date:

5/9/2019

Phone:

432-818-2267

OIL CONSERVATION DIVISION

Approved by:

*Karen Sharp*

Title:

*Staff Mgr*

Approval Date:

5-13-19

Pending BLM approvals will  
subsequently be reviewed  
and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**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.  
NMLC028731B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
NMNM111789X8. Well Name and No.  
DODD FEDERAL UNIT 980H9. API Well No.  
30-015-4480710. Field and Pool or Exploratory Area  
DODD GLORIETA;UPPER-YESO11. County or Parish, State  
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
COG OPERATING LLCContact: DANA KING  
E-Mail: dking@concho.com3a. Address  
600 W. ILLINOIS AVE  
MIDLAND, TX 797013b. Phone No. (include area code)  
Ph: 432-818-2267

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 10 T17S R29E Mer NMP NENW 330FNL 1800FWL

**12. CHECK THE 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"/> Hydraulic Fracturing	<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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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 recomplete 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

12/27/2018 Test 9 5/8" and 7" CSG to 500#, good test. Test down 7" CSG to 1500#, good test.  
12/28/2018 DO DV Tool @ 3316'  
12/30/2018 Set PKR @ 3416', test to 6500# for 30 minutes, good test.  
2/15/2019 - 2/17/2019 Frac and acidize 40 stages, sleeves @ 4319' - 11,836' w/98,560 gals 15% HCL,  
84,924 gals treated water, 7,736,782 gals slick water, 3,868,740# 100 mesh sand, 3,056,660# 40/70  
white sand, 833,980# 40/70 CRC.  
3/4/2019 Drill out sleeves and clean out to PBTD @ 12,018'.  
3/5/2019 RIH w/ESP, 136 jts of 2 7/8" J55 tbg, EOT @ 4,524'. Hang on.

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DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #464667 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad

Name (Printed/Typed) DANA KING

Title PERMIT SPECIALIST

Signature (Electronic Submission)

Date 05/08/2019

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

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

Pending BLM approvals will  
subsequently be reviewed  
and scannedTitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly  
States any false, fictitious or fraudulent statements or representations as to any matter within its juris

ment or agency of the United

(Instructions on page 2)

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

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Form 3160-4  
(August 2007)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

DISTRICT 11, ARTESIA O.C.D.

5. Lease Serial No. NMLC028731B	
6. If Indian, Allottee or Tribe Name	
7. Unit or CA Agreement Name and No. NMNM111789X	
8. Lease Name and Well No. DODD FEDERAL UNIT 980H	
9. API Well No. 30-015-44807	
10. Field and Pool, or Exploratory DODD, GLORIETA UPPER YESO	
11. Sec., T., R., M., or Block and Survey or Area Sec 10 T17S R29E Mer NMP	
12. County or Parish EDDY	13. State NM
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/05/2019	
17. Elevations (DF, KB, RT, GL)* 3590 GL	

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other	
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 _____	

2. Name of Operator COG OPERATING LLC		Contact: DANA KING E-Mail: dking@concho.com	
3. Address 600 W. ILLINOIS AVE MIDLAND, TX 79701		3a. Phone No. (include area code) Ph: 432-818-2267	

4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 10 T17S R29E Mer NMP At surface NENW Tract 10 330FNL 1800FWL Sec 10 T17S R29E Mer NMP At top prod interval reported below NENW Tract 10 330FNL 1800FWL Sec 11 T17S R29E Mer NMP At total depth NENE 339FNL 570FEL	
--	--

14. Date Spudded 11/13/2018	15. Date T.D. Reached 11/26/2018	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/05/2019	17. Elevations (DF, KB, RT, GL)* 3590 GL
18. Total Depth: MD TVD. 12053. 4237	19. Plug Back T.D.: MD TVD 12018	20. Depth Bridge Plug Set: MD TVD	

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN	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)
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## 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5		255		350		0	
12.250	9.625 J55	40.0		968		650		0	
8.750	7.000 L80	29.0		3320					
8.750	5.500 L80	20.0		12030		840		0	

## 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	4524							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4319	11836	4319 TO 11836			OPEN SLEEVES
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4319 TO 11836	ACIDIZE W/98,560 GALS 15% HCL, FRAC W/84,924 GALS TREATED WTR, 7,736,782 GALS SLICK WATER,

## 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
03/24/2019	03/25/2019	24	→	208.0	709.0	2556.0	41.0	0.60	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	
		350.0	→	208	709	2556	3409	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	
			→						

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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

ELECTRONIC SUBMISSION #464794 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
GRAYBURG SAN ANDRES LOVINGTON SAND GLORIETA	2191 2483 2564 3910		DOLOMITE & SANDSTONE DOLOMITE & ANHYDRITE SANDSTONE SANDSTONE & SILTSTONE	GRAYBURG SAN ANDRES LOVINGTON SAND GLORIETA	2191 2483 2564 3910

## 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 #464794 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) DANA KINGTitle PERMIT SPECIALIST II

Signature \_\_\_\_\_ (Electronic Submission)

Date 05/09/2019

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***