

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

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Form C-104
Revised August 1, 2011

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

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

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

II. ¹⁰ 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

¹¹ 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
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 03/05/2019	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

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

IV. Well Completion Data

²¹ Spud Date 11/13/18	²² Ready Date 03/05/2019	²³ TD 12,053 MD/ 4237 TVD	²⁴ PBTD 12,018'	²⁵ Perforations 4319 - 11836	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ 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

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

⁴² 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 MANAGEMENT

FORM 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.
NMMN111789X

8. Well Name and No.
DODD FEDERAL UNIT 980H

9. API Well No.
30-015-44807

10. Field and Pool or Exploratory Area
DODD GLORIETA;UPPER-YESO

11. County or Parish, State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
COG OPERATING LLC
Contact: DANA KING
E-Mail: dking@concho.com

3a. Address
600 W. ILLINOIS AVE
MIDLAND, TX 79701
3b. 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 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 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 PBDT @ 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 scanned

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(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 MANAGEMENT

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

DISTRICT II-ARTESIA O.C.D.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well [X] Oil Well [] Gas Well [] Dry [] Other
b. Type of Completion [X] New Well [] Work Over [] Deepen [] Plug Back [] Diff. Resvr.
2. Name of Operator COG OPERATING LLC Contact: DANA KING
3. Address 600 W. ILLINOIS AVE MIDLAND, TX 79701
4. Location of Well (Report location clearly and in accordance with Federal requirements)*
14. Date Spudded 11/13/2018
15. Date T.D. Reached 11/26/2018
16. Date Completed [] D & A [X] Ready to Prod. 03/05/2019
17. Elevations (DF, KB, RT, GL)* 3590 GL
18. Total Depth: MD 12053.237 TVD 4237
19. Plug Back T.D.: MD 12018 TVD
20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN
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, Well Status

Pending BLM approvals will subsequently be reviewed and scanned

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	2191		DOLOMITE & SANDSTONE	GRAYBURG	2191
SAN ANDRES	2483		DOLOMITE & ANHYDRITE	SAN ANDRES	2483
LOVINGTON SAND	2564		SANDSTONE	LOVINGTON SAND	2564
GLORIETA	3910		SANDSTONE & SILTSTONE	GLORIETA	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 KING Title 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.

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