

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

Form C-104
Revised August 1, 2011

RECEIVED
MAY 28 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
⁴ API Number 30 - 015 - 44808	⁵ Pool Name Dodd; Glorieta-Upper Yeso	⁶ Pool Code 97917
⁷ Property Code 308195	⁸ Property Name Dodd Federal Unit	⁹ Well Number 983H

II. ¹⁰ Surface Location

Ul or lot no. E	Section 10	Township 17S	Range 29E	Lot Idn	Feet from the 2025	North/South Line North	Feet from the 920	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. H	Section 11	Township 17S	Range 29E	Lot Idn	Feet from the 2181	North/South line North	Feet from the 100	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date	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
	Navajo	O
	Frontier	G

IV. Well Completion Data

²¹ Spud Date 11/30/18	²² Ready Date 3-15-2019	²³ TD 13,397 MD/ 4264 TVD	²⁴ PBTB	²⁵ Perforations 4337 - 13,269	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	225	900		
12-1/4	9-5/8	965	650		
8-3/4	7	3294			
8-3/4	5-1/2	13,370	1060		
	2-7/8	4530			

V. Well Test Data

³¹ Date New Oil 3/22/2019	³² Gas Delivery Date 3/22/2019	³³ Test Date 3/27/2019	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 271	³⁶ Csg. Pressure 271
³⁷ Choke Size	³⁸ Oil 208	³⁹ Water 1991	⁴⁰ Gas 312		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

E-mail Address:

dking@concho.com

Date:

5/23/2019

Phone:

432-818-2267

OIL CONSERVATION DIVISION

Approved by:

Karen Sharp

Title:

Staff Mgr

Approval Date:

5-30-19

Pending BLM approvals will
subsequently be reviewed
and scanned

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Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DISTRICT II-ARTESIA O.C.D.

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC028731B

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
 b. Type of Completion ☒ 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.
NMMN111789X2. Name of Operator
COG OPERATING LLCContact: DANA KING
E-Mail: dking@concho.com8. Lease Name and Well No.
DODD FEDERAL UNIT 983H3. Address 600 W. ILLINOIS AVE
MIDLAND, TX 797013a. Phone No. (include area code)
Ph: 432-818-22679. API Well No.
30-015-44808

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

Sec 10 T17S R29E Mer NMP
At surface SWNW 2025FNL 920FWL
Sec 10 T17S R29E Mer NMP
At top prod interval reported below SWNW 2025FNL 920FWL
Sec 11 T17S R29E Mer NMP
At total depth SENE 2181FNL 100FEL

10. Field and Pool, or Exploratory
DODD; GLORIETA UPPER YESO11. Sec., T., R., M., or Block and Survey
or Area Sec 10 T17S R29E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
11/30/201815. Date T.D. Reached
12/12/201816. Date Completed
☐ D & A ☒ Ready to Prod.
03/15/201917. Elevations (DF, KB, RT, GL)*
3578 GL18. Total Depth: MD 13397
TVD 426419. Plug Back T.D.: MD 13397
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CN

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
 Was DST run? ☒ No ☐ Yes (Submit analysis)
 Directional Survey? ☐ No ☒ 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5		225		550		0	
12.250	9.625 J55	40.0		965		650		0	
8.750	7.000 L80	29.0		3294					
8.750	5.500 L80	20.0		13370		1060		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	4530							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4337	13269	4337 TO 13269			OPEN SLEEVES
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4337 TO 13269	ACIDIZE W/79,422 GALS 15% HCL, FRAC W/843,730 GALS TREATED WTR, 6,352,051 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
03/22/2019	03/27/2019	24	→	208.0	312.0	1991.0	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	
		271.0	→	208	312	1991	150	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	
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		
			→						

Pending BLM approvals will
subsequently be reviewed
and scanned

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

ELECTRONIC SUBMISSION #466574 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

** 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 GRAYBURG SAN ANDRES GLORIETA PADDOCK	235 2170 2477 3901 4013		ANHYDRITE DOLOMITE & ANHYDRITE DOLOMITE & ANHYDRITE SANDSTONE & SILTSTONE DOLOMITE	RUSTLER GRAYBURG SAN ANDRES GLORIETA PADDOCK	235 2170 2477 3901 4013

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 #466574 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad**

Name (please print) DANA KINGTitle PERMIT SPECIALIST

Signature _____ (Electronic Submission)

Date 05/23/2019

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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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 28 2019

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.

DISRICT II-ARTESIA CO, CD

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC028731B
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
Contact: DANA KING E-Mail: dking@concho.com		7. If Unit or CA/Agreement, Name and/or No. NMMN111789X
3a. Address 600 W. ILLINOIS AVE MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-818-2267	8. Well Name and No. DODD FEDERAL UNIT 983H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 10 T17S R29E Mer NMP SWNW 2025FNL 920FWL		9. API Well No. 30-015-44808
		10. Field and Pool or Exploratory Area DODD GLORIETA; UPPER-YESO
		11. County or Parish, State EDDY COUNTY, NM

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 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat 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.

1/03/2019 - Drill out DV Tool @3291'. Set packer @ 3400'.
1/04/2019 Test csg to 6500# for 30 mins, good test.
2/19/19 - 2/22/19 Frac and Acidize 39 stages, sleeves @ 4337' - 13,269' w/79,422 gals 15% HCL,
843,730 gals treated water, 6,352,051 gals slick water, 3,737,830# 100 mesh sand; 2,981,450# 40/70
white sand, 789,640# 40/70 CRC.
3/12/2019 Drill out sleeves and clean out to PBTD @ 13,350'.
3/14/2019 RIH w/ESP, 135 jts 2-7/8" J-55 tbg, EOT 4,530'.
3/15/2019 Hang on.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #466353 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 05/22/2019

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 _____
Title 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 jurisdiction	

Pending BLM approvals will
subsequently be reviewed
and scanned

(Instructions on page 2)

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