

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

NM OIL CONSERVATION Form C-104
ARTESIA DISTRICT Revised August 1, 2011

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

NOV 06 2017
Submit one copy to appropriate District Office

RECEIVED ☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC One Concho Center 600 W. Illinois Ave. Midland, TX 79701		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW Effective 9/19/17
⁴ API Number 30 - 015-44274	⁵ Pool Name Dodd; Glorieta-Upper, Yeso	⁶ Pool Code 97918 97917
⁷ Property Code 308195	⁸ Property Name Dodd Federal Unit	⁹ Well Number 908H

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
A	10	17S	29E		417	North	136	East	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		460	North	222	East	Eddy
¹² Lse Code P	¹³ Producing Method Code P	¹⁴ Gas Connection Date 9/19/17	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 Refining	O
	Frontier Energy Services	G
	DCP Midstream	G

IV. Well Completion Data

²¹ Spud Date 7/19/17	²² Ready Date 9/19/17	²³ TD 10005MD 4801TVD	²⁴ PBTB 9926	²⁵ Perforations 5040 - 9898	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	268	400sx		
12-1/4	9-5/8	1280	450sx		
8-3/4	7	4113			
8-3/4	5-1/2	9995	2100sx		
	2-7/8 tbg	5247			

V. Well Test Data

³¹ Date New Oil 9/22/17	³² Gas Delivery Date 9/22/17	³³ Test Date 9/25/17	³⁴ Test Length 24hrs	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 114	³⁹ Water 1231	⁴⁰ Gas 290		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:



Printed name:
Kanicia Castillo

Title:
Lead Regulatory Analyst

E-mail Address:
kcastillo@concho.com

Date:
11/02/17

Phone:
432-685-4332

OIL CONSERVATION DIVISION

Approved by:



Title:
Geologist

Approval Date:
11-16-2017

Pending BLM approvals will
subsequently be reviewed
and scanned

NM OIL CONSERVATION

ARTESIA DISTRICT

NOV 06 2017

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 RECORD

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.
NMNM111789X

2. Name of Operator
COG OPERATING LLC
Contact: KANICIA CASTILLO
E-Mail: kcastillo@concho.com

8. Lease Name and Well No.
DODD FEDERAL UNIT 908H

3. Address 600 W ILLINOIS AVE ONE CONCHO CENTER
MIDLAND, TX 79701

3a. Phone No. (include area code)
Ph: 432-685-4332

9. API Well No.
30-015-44274

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

At surface Sec 10 T17S R29E Mer NMP
Lot A 417FNL 136FEL
At top prod interval reported below Sec 11 T17S R29E Mer NMP
Lot A 455FNL 254FWL
Sec 11 T17S R29E Mer NMP
At total depth Lot A 460FNL 222FEL

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

14. Date Spudded
07/19/2017

15. Date T.D. Reached
08/01/2017

16. Date Completed
☐ D & A ☒ Ready to Prod.
09/19/2017

17. Elevations (DF, KB, RT, GL)*
3626 GL

18. Total Depth: MD 10005
TVD 4801

19. Plug Back T.D.: MD 9926
TVD 4801

20. Depth Bridge Plug Set: MD
TVD

21. 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
12.250	9.625 J55	40.0		1280		450			
8.750	7.000 L80	29.0		4113					
8.750	5.500 L80	17.0		9995		2100			
17.500	13.375 J55	54.5	0	268		400		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	5247							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5040	9898	5040 TO 9898	0.430	1044	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5040 TO 9898	ACIDIZE W/ 122,976 15% ACID, FRAC W/ 341,082 GALS TREATED WATER, 5,510,484 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
09/22/2017	09/25/2017	24	→	114.0	290.0	1231.0	38.6	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		70.0	→	114	290	1231	2544	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 #393775 VERIFIED BY THE BLM WELL INFORMATION SYST
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Pending BLM approvals will
subsequently be reviewed
and scanned

SC 11/16-17

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
TANSILL QUEEN GRAYBURG SAN ANDRES PADDOCK BLINEBRY	1853 2271 2572 4080 4469		SANDSTONE DOLOMITE & ANHYDRITE DOLOMITE & ANHYDRITE DOLOMITE	TANSILL QUEEN GRAYBURG SAN ANDRES PADDOCK BLINEBRY	900 1853 2271 2572 4080 4469

32. Additional remarks (include plugging procedure):
Logs will be submitted in WIS.
Logs will be mailed to the OCD.

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 #393775 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CASTILLOTitle PREPARER

Signature _____ (Electronic Submission)

Date 11/01/2017

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 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

SUBMIT IN TRIPLICATE - Other instructions on page 27. If Unit or CA/Agreement, Name and/or No.
NMNM111789X

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
DODD FEDERAL UNIT 908H2. Name of Operator
COG OPERATING LLCContact: KANICIA CASTILLO
E-Mail: kcastillo@concho.com9. API Well No.
30-015-442743a. Address
600 W ILLINOIS AVE
MIDLAND, TX 797013b. Phone No. (include area code)
Ph: 432-685-433210. Field and Pool or Exploratory Area
DODD;GLORIETA-UPPER YESO

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

Sec 10 T17S R29E Mer NMP 417FNL 136FEL

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 recompleate 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 recompleation 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.

8/28/17 Test production casing to 6148# for 30mins, good test.

9/03/17 - 9/07/17 Perf 29 stages @ 5040 ? 9898 w/6 SPF, 1044 holes. Acidize 29 stages w/122,976 gals 15% HCL. Frac w/341,082 gals treated water, 5,510,484 gals slick water, 1,537,580# 100 mesh sand, 2,814,920# 40/70 Arizona sand, 623,960# 40/70 RSC.

9/15/17 ? 9/16/17 Drill out plugs. Clean out to PBTD 9926.

9/18/17 RIH w/ESP, 158jts 2-7/8" J55 tbg, EOT @ 5247.

9/19/17 Hang on.

NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 06 2017

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

**Electronic Submission #393674 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad**

Name (Printed/Typed) KANICIA CASTILLO

Title PREPARER

Signature (Electronic Submission)

Date 11/01/2017

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 knowir
States any false, fictitious or fraudulent statements or representations as to any matter within its juris

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMIT**Pending BLM approvals will
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and scanned

United

SC 11-16-17