

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

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

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 11/04/17
⁴ API Number 30 - 015 - 44368	⁵ Pool Name Dodd; Glorieta-Upper Yeso	⁶ Pool Code 97917
⁷ Property Code 308195	⁸ Property Name Dodd Federal Unit	⁹ Well Number 920H

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
I	14	17S	29E		2310	South	195	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
L	14	17S	29E		2296	South	12	West	Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 11/04/17	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
27841	Navajo Crude Oil Marketing	O
36785	Frontier Energy Services NM OIL CONSERVATION ARTESIA DISTRICT DEC 14 2017	G
	DCP Midstream RECEIVED	G

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
9/03/17	11/04/17	9938MD 4766TVD	9739	4959 - 9719	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	336	400sx ✓		
12-1/4	9-5/8	1036	450sx ✓		
8-3/4	7	4157	✓		
8-3/4	5-1/2	9803	2150sx ✓		
	2-7/8 tbg	5297			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
11/09/17	11/09/17	11/13/16	24hrs	70	70
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
	480	2113	465	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: Regulatory Advisor
E-mail Address: kcastillo@concho.com
Date: 12/11/17 Phone: 432-685-4332

OIL CONSERVATION DIVISION

Approved by: 
Title: Geologist
Approval Date: 12-15-2017

Pending BLM approvals will subsequently be reviewed and scanned

NM OIL CONSERVATION
ARTESIA DISTRICT
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 14 2017

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
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 _____		7. Unit or CA Agreement Name and No. NMNM111789X	
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No. DODD FEDERAL UNIT 920H	
Contact: KANICIA CASTILLO E-Mail: kcastillo@concho.com		9. API Well No. 30-015-44368	
3. Address 600 W ILLINOIS AVE ONE CONCHO CENTER MIDLAND, TX 79701		3a. Phone No. (include area code) Ph: 432-685-4332	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot I 2310FSL 195FEL At top prod interval reported below Lot I 2290FSL 682FEL At total depth Lot L 2296FSL 12FWL		10. Field and Pool, or Exploratory DODD;GLORIETA-UPPER YESO	
14. Date Spudded 09/03/2017		15. Date T.D. Reached 09/15/2017	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/04/2017		17. Elevations (DF, KB, RT, GL)* 3621 GL	
18. Total Depth: MD 9838 TVD 4766		19. Plug Back T.D.: MD 9739 TVD 4766	
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 checked="" type="checkbox"/> No <input type="checkbox"/> 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		1036		450			
8.750	7.000 L80	29.0		4157					
8.750	5.000 L80	17.0		9803		2150			
17.500	13.375 J55	54.5	0	336		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	5297							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	4959	9719	4959 TO 9719	0.430	1080	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4959 TO 9719	ACIDIZE W/ 118,944 15% ACID, FRAC W/ 331,128 GALS TREATED WATER, 5,491,668 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
11/09/2017	11/13/2017	24	→	480.0	465.0	2131.0	37.5	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI		70.0	→	480	465	2131	969	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 C	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		
SI			→						

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #397608 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BC 12-19-17

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
RUSTLER	246		SANDSTONE SANDSTONE & DOLOMITE DOLOMITE & LIMESTONE DOLOMITE & ANHYDRITE DOLOMITE & ANHYDRITE	RUSTLER	246
QUEEN	1971			QUEEN	1971
GRAYBURG	2363			GRAYBURG	2363
SAN ANDRES	2695			SAN ANDRES	2695
PADDOCK	4175			PADDOCK	4175
BLINEBRY	4731			BLINEBRY	4731
WOLFCAMP	7484			WOLFCAMP	7484
CISCO	8434			CISCO	8434

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

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 #397608 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CASTILLO Title PREPARER

Signature (Electronic Submission) Date 12/11/2017

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.

**** ORIGINAL ** ORIGINAL ****

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.
NMNM111789X

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
DODD FEDERAL UNIT 920H

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

9. API Well No.
30-015-44368

3a. Address
600 W ILLINOIS AVE
MIDLAND, TX 79701

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 14 T17S R29E Mer NMP 2310FSL 195FEL

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 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 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.

9/19/17 Drilled 25' of OH to 9838', TD.
9/20/17 Spotted 2500 gals acid.
10/02/17 Test production casing to 6205# for 30mins, good test.
10/25/17 - 10/30/17 Perf 30 stages @ 4959 ? 9719 w/6 SPF, 1080 holes. Acidize 30 stages w/118,944 gals 15% HCL. Frac w/331,128 gals treated water, 5,491,668 gals slick water, 1,444,420# 100 mesh sand, 2,707,341# 40/70 Arizona sand, 598,460# 40/70 CRC.
11/01/17 ? 11/03/17 Drill out plugs. Clean out to PBD 9739.
11/04/17 RIH w/ESP, 160jts 2-7/8" J55 tbg, EOT @ 5297. Hang on.

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 14 2017

This sundry is to replace EC#397286 and EC#397449.

Corrected perfs and acid.

RECEIVED

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

Electronic Submission #397455 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 12/08/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Ti _____	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.	Ofi _____	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person k States any false, fictitious or fraudulent statements or representations as to any matter within it	Pending BLM approvals will subsequently be reviewed and scanned BC 12-19-17	

(Instructions on page 2)

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