

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 **NM OIL CONSERVATION**
Energy, Minerals & Natural Resources DISTRICT

Form C-104
Revised August 1, 2011

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

JAN 20 2015
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 12/4/14
⁴ API Number 30 - 015-40700	⁵ Pool Name DODD; GLORIETA-UPPER YESO	⁶ Pool Code 97917
⁷ Property Code 308195	⁸ Property Name DODD FEDERAL UNIT	⁹ Well Number 598

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		1390	South	915	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
P	14	17S	29E		1313	South	1001	East	Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 12/4/14	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
278421	HollyFrontier Refining & Marketing, LLC	O
221115	Frontier Field Services, LLC	G

IV. Well Completion Data

²¹ Spud Date 11/13/14	²² Ready Date 12/4/14	²³ TD 4560 4558	²⁴ PBDT 4490	²⁵ Perforations 4100 - 4390	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	308	400sx		
11	8-5/8	973	500sx		
7-7/8	5-1/2	4541	900sx		
	2-7/8 tbg	4463			

V. Well Test Data

³¹ Date New Oil 12/5/14	³² Gas Delivery Date 12/5/14	³³ Test Date 12/11/14	³⁴ Test Length 24	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 43	³⁹ Water 216	⁴⁰ Gas 77	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: <i>Chasity Jackson</i> Printed name: Chasity Jackson Title: Regulatory Analyst E-mail Address: cjackson@concho.com Date: 1/8/15 Phone: 432-686-3087	OIL CONSERVATION DIVISION	
	Approved by: <i>[Signature]</i>	
	Title: <i>Dist Supervisor</i>	
	Approval Date: 1-26-15	
	Pending BLM approvals will subsequently be reviewed and scanned <i>LD</i>	

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 20 2015

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter 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 reverse side.

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 598

2. Name of Operator
COG OPERATING LLC
Contact: CHASITY JACKSON
E-Mail: cjackson@concho.com

9. API Well No.
30-015-40700

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

3b. Phone No. (include area code)
Ph: 432-686-3087

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 14 T17S R29E Mer NMP NESE 1390FSL 915FEL

11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK 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"/> Fracture Treat	<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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

11/24/14 Test 5-1/2 BOP to 3500psi, 30min. ok.
11/25/14 Perf Paddock @ 4100 - 4390 w/2 SPF, 52 holes.
11/26/14 Acidize w/1099 gals acid. Frac w/201,421 gals gel, 213,312# 16/30 brady sand, 29,945# 16/30 SLC.
12/2/14 Clean out to PBTD 4490.
12/3/14 RIH w/135jts 2-7/8" 6.5# J55 tbg EOT @ 4463. RIH w/2-1/2x1-1/2x20 RHBC.
12/4/14 Turn over top production.

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

Electronic Submission #287396 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad

Name (Printed/Typed) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 01/08/2015

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 and States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

NM OIL CONSERVATION

ARTESIA DISTRICT

JAN 20 2015

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 LOG

RECEIVED

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: CHASITY JACKSON
 E-Mail: cjackson@concho.com

8. Lease Name and Well No.
DODD FEDERAL UNIT 598

3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE
MIDLAND, TX 79701
 3a. Phone No. (include area code)
Ph: 432-686-3087

9. API Well No.
30-015-40700

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface NESE 1390FSL 915FEL
 Sec 14 T17S R29E Mer NMP
 At top prod interval reported below NESE 1390FSL 915FEL
 Sec 14 T17S R Mer NMP
 At total depth SESE 1313FSL 1001FEL

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

11. Sec., T., R., M., or Block and Survey
or Area Sec 14 T17S R29E Mer NMP

12. County or Parish
EDDY
 13. State
NM

14. Date Spudded
11/13/2014

15. Date T.D. Reached
11/19/2014

16. Date Completed
 D & A Ready to Prod.
12/04/2014

17. Elevations (DF, KB, RT, GL)*
3613 GL

18. Total Depth: MD 4560
TVD 4560

19. Plug Back T.D.: MD 4490
TVD 4490

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUTRON CCL/HNGS

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 H40	54.5		308		400			
11.000	8.625 J55	24.0		973		500			
7.875	5.500 J55	17.0		4541		900			

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	4463							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4100	4390	4100 TO 4390	0.430	52	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4100 TO 4390	ACIDIZE W/1099 GALS 15% ACID.
4100 TO 4390	FRAC W/201,421 GALS GEL, 213,312# 16/30 BRADY, 29,945# 16/30 SLC.

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
12/05/2014	12/11/2014	24	→	43.0	77.0	216.0	39.1	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	
			→	43	77	216	1790	.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 Grav	Well S
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well S	
			→						

Pending BLM approvals will subsequently be reviewed and scanned *AD*

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

ELECTRONIC SUBMISSION #287406 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

