

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

<sup>1</sup> Operator name and Address <b>COG Operating LLC</b> One Concho Center 600 W. Illinois Ave. Midland, TX 79701		<sup>2</sup> OGRID Number 229137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW Effective 04/04/18
<sup>4</sup> API Number 30 - 025 - 44004	<sup>5</sup> Pool Name Maljamar; Yeso, West	<sup>6</sup> Pool Code 44500
<sup>7</sup> Property Code 39744	<sup>8</sup> Property Name Branex-COG Federal Com	<sup>9</sup> Well Number 25H

II. <sup>10</sup> Surface Location

UL or lot no. L	Section 9	Township 17S	Range 32E	Lot Idn	Feet from the 2075	North/South Line South	Feet from the 115	East/West line West	County Lea
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<sup>11</sup> Bottom Hole Location

UL or lot no. I	Section 9	Township 17S	Range 32E	Lot Idn	Feet from the 2285	North/South line South	Feet from the 350	East/West line East	County Lea
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 4/4/18	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
27841	Navajo Refining	O
36785	DCP Midstream	G

IV. Well Completion Data

<sup>21</sup> Spud Date 11/26/17	<sup>22</sup> Ready Date 4/4/18	<sup>23</sup> TD 10,862MD 6175TVD	<sup>24</sup> PBTB 10,797	<sup>25</sup> Perforations 6491 - 10795	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size 17-1/2	<sup>28</sup> Casing & Tubing Size 13-3/8	<sup>29</sup> Depth Set 942	<sup>30</sup> Sacks Cement 700sx		
12-1/4	9-5/8	2250	600sx		
8-3/4	7	5139			
8-3/4	5-1/2	10,844	1050sx		
	2-7/8 tbg	6360			

V. Well Test Data

<sup>31</sup> Date New Oil 4/4/18	<sup>32</sup> Gas Delivery Date 4/4/18	<sup>33</sup> Test Date 4/6/18	<sup>34</sup> Test Length 24hrs	<sup>35</sup> Tbg. Pressure 70	<sup>36</sup> Csg. Pressure 70
<sup>37</sup> Choke Size	<sup>38</sup> Oil 177	<sup>39</sup> Water 1037	<sup>40</sup> Gas 187		<sup>41</sup> Test Method P

<sup>42</sup> 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:

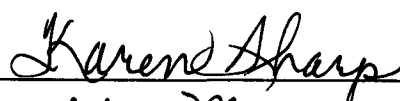
5/31/18

Phone:

432-685-4332

OIL CONSERVATION DIVISION

Approved by:



Title:

Staff Mgr

Approval Date:

6-8-18

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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.***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. NMNM0315712
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address 600 W ILLINOIS AVE MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-685-4332		8. Well Name and No. BRANEX-COG FEDERAL COM 25
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T17S R32E Mer NMP 2075FSL 115FWL		9. API Well No. 30-025-44004
		10. Field and Pool or Exploratory Area MALJAMAR;YESO WEST
		11. County or Parish, State LEA 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	
	<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.

12/17/17 Drilled DV Tool out @ 5139.  
12/18/17 Test csg to 6000psi for 30 mins, good test.  
02/05/18 - 02/06/18 Perf 18 stages @ 6491 ? 10,795 w/6 SPF, 648 holes. Acidize 18 stages w/36,288 gals 15% HCL. Frac w/291,984 gals treated water, 3,706,332 gals slick water, 1,805,800# 100 mesh sand, 2,321,160# 40/70 Arizona sand, 376,620# 40/70 CRC.  
03/08/18 Drill out plugs. Clean out to PBD 10,797.  
04/03/18 RIH w/ESP, 190jts 2-7/8" J55 tbg, EOT @ 6360.  
04/04/18 Hang on.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #413471 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs</b>	
Name (Printed/Typed) KANICIA CASTILLO	Title PREPARER
Signature (Electronic Submission)	Date 05/03/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICIAL 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 knowing  
States 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 \*\***

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

HOBBS OGD  
JUN 14 2018  
RECEIVED

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM0315712	
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"/> Resrv. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator COG OPERATING LLC		7. Unit or CA Agreement Name and No.	
Contact: KANICIA CASTILLO E-Mail: kcastillo@concho.com		8. Lease Name and Well No. BRANEX-COG FEDERAL COM 25H	
3. Address 600 W ILLINOIS AVE ONE CONCHO CENTER MIDLAND, TX 79701		9. API Well No. 30-025-44004	
3a. Phone No. (include area code) Ph: 432-685-4332		10. Field and Pool, or Exploratory MALJAMAR;YESO, WEST	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot L 2075FSL 115FWL At top prod interval reported below Lot L 2290FSL 330FWL At total depth Lot L 355FNL 350FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 9 T17S R32E Mer NMP	
14. Date Spudded 11/26/2017		15. Date T.D. Reached 12/11/2017	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/04/2018		17. Elevations (DF, KB, RT, GL)* 4068 GL	
18. Total Depth: MD 10862 TVD 6175		19. Plug Back T.D.: MD 10797 TVD 6175	
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 type="checkbox"/> No <input checked="" 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		2250		600			
8.750	7.000 L80	29.0		5139					
8.750	5.500 L80	17.0		10844		1050			
17.500	13.375 J55	54.5	0	942		700		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	6360							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6491	10795	6491 TO 10795	0.430	648	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
6491 TO 10795	ACIDIZE W/ 36,288 15% ACID, FRAC W/ 291,984 GALS TREATED WATER, 3,706,332 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
04/04/2018	04/06/2018	24	→	177.0	187.0	1037.0	36.1	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	→	177	187	1037	1057	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	Well Status
			→					

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #422052 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* 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 QUEEN GRAYBURG SAN ANDRES	863 3180 3583 3910		SANDSTONE DOLOMITE & ANHYDRITE DOLOMITE & ANHYDRITE	RUSTLER QUEEN GRAYBURG SAN ANDRES	863 3180 3583 3910

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

OCD will receive their logs via mail.

## 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 #422052 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs

Name (please print) KANICIA CASTILLO

Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission)

Date 05/31/2018

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 \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***