

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 5/25/18
<sup>4</sup> API Number 30 - 025-44141	<sup>5</sup> Pool Name Malja... Reso, West	<sup>6</sup> Pool Code 44500
<sup>7</sup> Property Code 319782	<sup>8</sup> Property Name Zeppo 5 Federal Com	<sup>9</sup> Well Number 25H

**HOBBS OCD**  
**JUL 20 2018**  
**RECEIVED**

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

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
G	5	17S	32E		2490	North	2210	East	Lea

**<sup>11</sup> 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
O	8	17S	32E		121	South	2288	East	Lea

<sup>12</sup> Lse Code P	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 5/25/18	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
	Holly Frontier	O
	Frontier	G

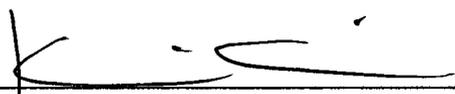
**IV. Well Completion Data**

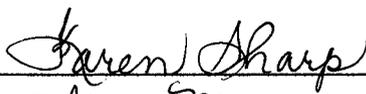
<sup>21</sup> Spud Date 12/15/17	<sup>22</sup> Ready Date 5/25/18	<sup>23</sup> TD 13950MD/6284TVD	<sup>24</sup> PBTB 13950	<sup>25</sup> Perforations 6570 - 13860	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17-1/2	13-3/8	926	750		
12-1/4	9-5/8	2241	650		
8-3/4	7	5390			
8-3/4	5-1/2	13950	1100		
	2-7/8 tbg	6372			

**V. Well Test Data**

<sup>31</sup> Date New Oil 5/26/18	<sup>32</sup> Gas Delivery Date 5/26/18	<sup>33</sup> Test Date 6/10/18	<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 201	<sup>39</sup> Water 3045	<sup>40</sup> Gas 100	<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:  
Kancia Castillo  
Title:  
Regulatory Advisor  
E-mail Address:  
kcastillo@concho.com  
Date:  
07/17/18  
Phone:  
432-685-4332

OIL CONSERVATION DIVISION  
Approved by:  
  
Title:  
Staff Mgr  
Approval Date:  
7-27-18  
Documents pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**HOBBS OCD**

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.*

**RECEIVED**  
JUL 20 2018

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

5. Lease Serial No.  
NMLC029406B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
ZEPPO 5 FEDERAL COM 25H

9. API Well No.  
30-025-44141

10. Field and Pool or Exploratory Area  
MALJAMAR

11. County or Parish, State  
LEA COUNTY COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 5 T17S R32E Mer NMP 2490FNL 2210FEL

**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	Site Facility Diagram/Security Plan
	<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 must 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 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.

Please see the attached facility diagram for the Zeppo 5 Federal Com 25H Battery.

Wells:  
Zeppo 5 Federal Com 15H: 30-025-44140  
Zeppo 5 Federal Com 25H: 30-025-44141

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #427601 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Hobbs**

Name (Printed/Typed) KANICIA CASTILLO Title PREPARER

Signature (Electronic Submission) Date 07/17/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICIAL SIGNATURE**

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 \_\_\_\_\_

*Documents 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 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.

# SITE FACILITY DIAGRAM

**ZEPPO 5 FEDERAL COM 25H BATTERY**  
**SECT 05, T17S, R32E**  
**LEASE NO. NMLC029406B**

**WELLS:**  
 ZEPPO 5 FEDERAL COM 15H #30-025-44140  
 ZEPPO 5 FEDERAL COM 25H #30-025-44141

## Production Phase

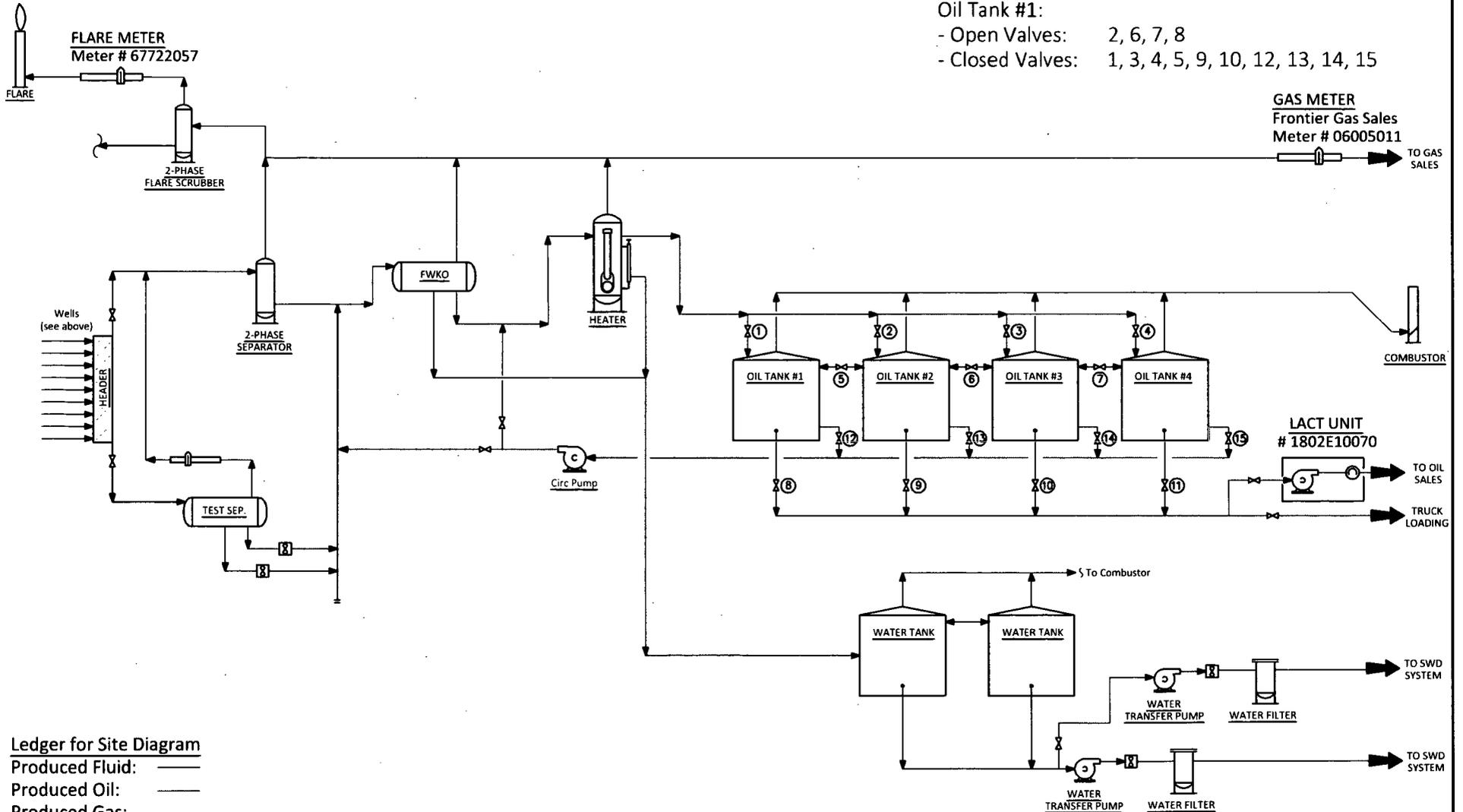
**Oil Tank #1:**

- Open Valves: 1, 5, 6, 7
- Closed Valves: 2, 3, 4, 8, 9, 10, 12, 13, 14, 15

**Sales Phase**

**Oil Tank #1:**

- Open Valves: 2, 6, 7, 8
- Closed Valves: 1, 3, 4, 5, 9, 10, 12, 13, 14, 15



### Ledger for Site Diagram

Produced Fluid: \_\_\_\_\_  
 Produced Oil: \_\_\_\_\_  
 Produced Gas: \_\_\_\_\_  
 Produced Water: \_\_\_\_\_



**Location of Site Security Plan:**  
**COG Operating, LLC.**  
 600 W. Illinois  
 Midland, TX 79701

DATE	BY	REVISION DESCRIPTION
05/11/18	KLK	created site diagram

**SITE FACILITY DIAGRAM**  
 Zeppo 5 Federal Com 25H Battery  
 Eddy County, NM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**HOBBS OCD**

**JUL 20 2018**

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**RECEIVED**

5. Lease Serial No.  
NMLC029406B

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

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

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)\*  
 Sec 5 T17S R32E Mer NMP  
 At surface Lot G 2490FNL 2210FEL  
 At top prod interval reported below  
 Sec 8 T17S R32E Mer NMP  
 At total depth Lot O 121FSL 2288FEL

6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No.  
 8. Lease Name and Well No.  
**ZEPP0 5 FEDERAL COM 25H**  
 9. API Well No.  
**30-025-44141**

10. Field and Pool, or Exploratory  
**MALJAMAR;YESO, WEST**  
 11. Sec., T., R., M., or Block and Survey  
 or Area **Sec 5 T17S R32E Mer NMP**  
 12. County or Parish  
**LEA** 13. State  
**NM**

14. Date Spudded  
**12/15/2017** 15. Date T.D. Reached  
**01/02/2018** 16. Date Completed  
 D & A  Ready to Prod.  
**05/25/2018**

17. Elevations (DF, KB, RT, GL)\*  
**4100 GL**

18. Total Depth: MD **13950** TVD **6284** 19. Plug Back T.D.: MD **13950** TVD **6284** 20. Depth Bridge Plug Set: MD **13950** TVD **6284**

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		2241		650			
8.750	7.000 L80	29.0		5390					
8.750	5.500 L80	17.0		13950		1100			
17.500	13.375 J55	54.5	0	926		750		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	6372							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6570	13860	6570 TO 13860	0.430	544	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6570 TO 13860	ACIDIZE W/ 88,704 15% ACID, FRAC W/ 499,422 GALS TREATED WATER, 5,770,676 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
05/26/2018	06/10/2018	24	→	201.0	100.0	3188.0	41.0	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	→	201	100	3188	498	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

Documents pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #427593 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	927		SANDSTONE DOLOMITE & ANHYDRITE DOLOMITE & ANHYDRITE	RUSTLER	927
QUEEN	3196			QUEEN	3196
GRAYBURG	3642			GRAYBURG	3642
SAN ANDRES	3933			SAN ANDRES	3933
GLORIETA	5426			GLORIETA	5426
PADDOCK	5509			PADDOCK	5509
BLINEBRY	5858			BLINEBRY	5858

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 #427593 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 07/17/2018

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 \*\***