

**HOBBS OGD**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

SEP 13 2018

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. Descr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

2. Name of Operator  
COG OPERATING LLC  
 Contact: KANICIA CASTILLO  
 E-Mail: kanicia.castillo@cdevinc.com

7. Unit or ~~CA Agreement~~ Name and No.  
NMM137857

3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 79701-4287  
 3a. Phone No. (include area code)  
Ph: 720.499.1537

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 Sec 5 T17S R32E Mer NMP  
 At surface SWNE 2490FNL 2210FEL 32.864094 N Lat, 103.787560 W Lon  
 Sec 5 T17S R32E Mer NMP  
 At top prod interval reported below NWSE 2310FSL 2217FEL 32.864094 N Lat, 103.787560 W Lon  
 Sec 8 T17S R32E Mer NMP  
 At total depth SWSE 121FSL 2288FEL 32.842251 N Lat, 103.787560 W Lon

9. API Well No.  
30-025-44141-00-S1

10. Field and Pool, or Exploratory  
MALJAMAR

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 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		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

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6570	13860	6570 TO 13860	0.000	544	OPEN
B)						
C)						
D)						

26. Perforation Record

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,

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

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	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	SI		→						

ACCEPTED FOR RECORD  
AUG 25 2018  
Bureau of Land Management  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #427593 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\*

Reclamation Due: 11/25/2018

KJ

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

Committed to AFMSS for processing by DUNCAN WHITLOCK on 07/31/2018 (18DW0224SE)

Name (please print) KANICIA CASTILLO

Title SR REGULATORY ANALYST

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.

**\*\* REVISED \*\* REVISED \*\***

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-44141</b>		<sup>2</sup> Pool Code <b>44500</b>		<sup>3</sup> Pool Name <b>Majamar; Yeso, West</b>	
<sup>4</sup> Property Code <b>319782</b>		<sup>5</sup> Property Name <b>ZEPP0 5 FEDERAL COM</b>			<sup>6</sup> Well Number <b>25H</b>
<sup>7</sup> GRID NO. <b>229137</b>		<sup>8</sup> Operator Name <b>COG OPERATING, LLC</b>			<sup>9</sup> Elevation <b>4100'</b>

<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
<b>G</b>	<b>5</b>	<b>17S</b>	<b>32E</b>		<b>2490</b>	<b>NORTH</b>	<b>2210</b>	<b>EAST</b>	<b>LEA</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>0</b>	<b>8</b>	<b>17S</b>	<b>32E</b>		<b>121</b>	<b>SOUTH</b>	<b>2288</b>	<b>EAST</b>	<b>LEA</b>

<sup>12</sup> Dedicated Acres <b>240</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

(E)
(F)

**DETAIL "A"**

LOT 4    LOT 3    LOT 2    LOT 1

4099.5'    725'    4106.9'

600'

4093.0'    4103.3'

2490'

SEE  
DETAIL  
"A"

S. L.

2210'

330'

330'

330'

330'

121'

2288'

S 00°21'25" W (GRID) 7,949.29' (HORIZ.)

**GEODETIC DATA**  
NAD 83 GRID - NM EAST

**SURFACE LOCATION**  
N: 678524.1 - E: 709006.2  
LAT: 32.86409297° N  
LONG: 103.78726583° W

**BOTTOM HOLE**  
N: 670576.8 - E: 708956.8  
LAT: 32.84225060° N  
LONG: 103.78756050° W

**CORNER DATA**  
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1913"  
N: 670449.0 - E: 705989.7

B: FOUND BRASS CAP "1913"  
N: 673083.7 - E: 705979.1

C: FOUND 1-1/2" IRON PIPE  
N: 675723.3 - E: 705965.0

D: FOUND BRASS CAP "1913"  
N: 678363.7 - E: 705942.4

E: FOUND BRASS CAP "1913"  
N: 681002.8 - E: 705922.6

F: FOUND BRASS CAP "1913"  
N: 681021.0 - E: 711201.1

G: FOUND BRASS CAP "1913"  
N: 678382.0 - E: 711216.6

H: FOUND PK NAIL  
N: 675742.1 - E: 711243.8

I: FOUND BRASS CAP "1913"  
N: 673102.5 - E: 711246.5

J: FOUND BRASS CAP "1912"  
N: 670464.6 - E: 711264.7

K: FOUND BRASS CAP "1912"  
N: 670454.6 - E: 708627.4

**CALCULATED POINTS**  
1: N 678372.9 - E 708583.2  
2: N 678377.5 - E 709899.8  
3: N 670459.5 - E 709946.0

**<sup>17</sup> OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

Signature: Date: **7/17/18**

Printed Name: **Kanicia Castillo**

E-mail Address: **kcastillo@concho.com**

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**<sup>18</sup> SURVEYOR CERTIFICATION**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

Date of Survey: **10-31-2016**

Signature and Seal of Professional Surveyor:

Certificate Number: **19680**