

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OGD

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

SEP 13 2018

5. Lease Serial No.
NMLC029406B1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Drift Resvr
Other

6. If Indian, Allottee or Tribe Name

7. Unit or ~~CA Agreement~~ Name and No.
NMLC1378572. Name of Operator
COG OPERATING LLCContact: KANICIA CASTILLO
E-Mail: kanicia.castillo@cdevinc.com8. Lease Name and Well No.
ZEPPO 5 FEDERAL COM 25H3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701-42873a. Phone No. (include area code)
Ph: 720.499.15379. API Well No.
30-025-44141-00-S1

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

10. Field and Pool, or Exploratory
MALJAMAR11. Sec., T., R., M., or Block and Survey
or Area Sec 5 T17S R32E Mer NMP12. County or Parish
LEA13. State
NM14. Date Spudded
12/15/201715. Date T.D. Reached
01/02/201816. Date Completed
☐ D & A ☒ Ready to Prod.
05/25/201817. Elevations (DF, KB, RT, GL)*
4100 GL18. Total Depth: MD 13950
TVD 628419. Plug Back T.D.: MD 13950
TVD 628420. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CN22. 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	0.000	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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		70.0	→	201	100	3188	498	POW	

28a. Production - Interval B

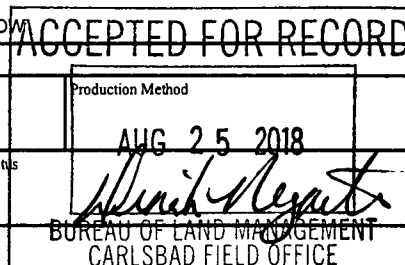
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #427593 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation Due: 11/25/2018



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			RUSTLER	927
QUEEN	3196			QUEEN	3196
GRAYBURG	3642		SANDSTONE	GRAYBURG	3642
SAN ANDRES	3933		DOLOMITE & ANHYDRITE	SAN ANDRES	3933
GLORIETA	5426		DOLOMITE & ANHYDRITE	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 ** REVISED ** REVISED ** REVISED ** REVISED ** 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

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

¹⁰ Surface Location

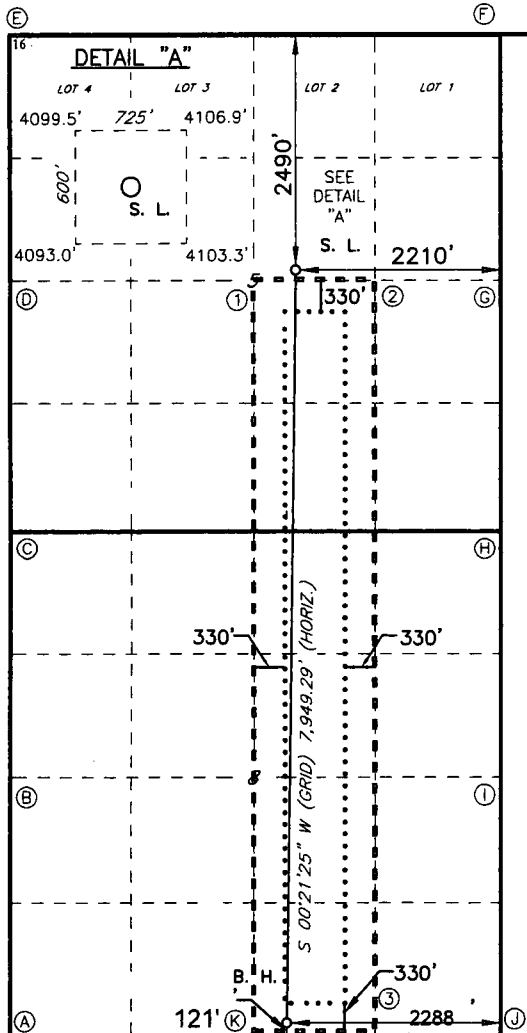
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	5	17S	32E		2490	NORTH	2210	EAST	LEA

¹¹ 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
0	8	17S	32E		121	SOUTH	2288	EAST	LEA

¹² Dedicated Acres 240	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.



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

¹⁷ 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: Kanicia Castillo Date: 7/17/18

Printed Name: Kanicia Castillo

E-mail Address: kcastillo@concho.com

¹⁸ 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.

10-31-2016

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number

