

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD **HOBBS** **OC**  
Hobbs

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

SEP 22 2017  
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"/> Diff. Revise Other		6. If Indian, Allottee or Tribe Name	
2. Name of Operator COG OPERATING LLC		7. Unit or CA Agreement Name and No. NMNM136466	
Contact: KANICIA CASTILLO E-Mail: kcastillo@concho.com		8. Lease Name and Well No. RAGNAR FEDERAL COM 26H	
3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287		9. API Well No. 30-025-43273-00-S1	
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 Sec 22 T17S R32E Mer NMP NWNE 120FNL 1730FEL At top prod interval reported below Sec 15 T17S R32E Mer NMP SWSE 330FSL 1673FEL At total depth NWNE 221FNL 1660FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R32E Mer NMP	
12. County or Parish LEA		13. State NM	
14. Date Spudded 01/26/2017	15. Date T.D. Reached 02/11/2017	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/18/2017	
17. Elevations (DF, KB, RT, GL)* 4017 GL			
18. Total Depth: MD TVD 11490 6428	19. Plug Back T.D.: MD TVD 11399 6428	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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	883		725		0	
12.250	9.625 J-55	40.0	0	2188		650		0	
8.750	7.000 L-80	29.0	0	5740				0	
8.750	5.000 L-80	17.0	5740	11467		2400		5740	

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	5996							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6741	11360	6741 TO 11360	0.000	936	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6741 TO 11360	ACIDIZE W/ 102,816 15% ACID, FRAC W/ 367,584 GALS TREATED WATER, 5,018,748 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
04/18/2017	04/30/2017	24	→	335.0	307.0	1116.0	42.0	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	→	335	307	1116	916	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			→						

ACCEPTED FOR RECORD  
BRIG SGD DAVID R. GLASS  
SEP 08 2017

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

ELECTRONIC SUBMISSION #377238 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

RECLAMATION DUE:  
OCT 18 2017

DAVID R. GLASS

PETROLEUM ENGINEER

K2

## 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	870	1061	ANHYDRITE	RUSTLER	870
QUEEN	3177	3517	SANDSTONE	TOP OF SALT	1061
GRAYBURG	3517	3923	DOLOMITE & ANHYDRITE	TANSILL	2067
SAN ANDRES	3923	5506	DOLOMITE & ANHYDRITE	YATES	2171
PADDOCK	5506	6115	DOLOMITE	SEVEN RIVERS	2529
BLINEBRY	6115	11490	DOLOMITE	QUEEN	3177
YESO	6741	11360	OIL/GAS/WATER	GRAYBURG	3517
				SAN ANDRES	3923
				PADDOCK	5506
				BLINEBRY	6115

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

## 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 #377238 Verified by the BLM Well Information System.**  
**For COG OPERATING LLC, sent to the Hobbs**  
**Committed to AFMSS for processing by DAVID GLASS on 09/08/2017 (17DRG0034SE)**

Name (please print) KANICIA CASTILLOTitle PREPARER

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

Date 05/24/2017

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 \*\***