

OCT 06 2016

Carlsbad Field Office

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT

Lease Serial No.  
NMLC029509B

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: CHASITY JACKSON  
 E-Mail: cjackson@concho.com

3. Address: ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
 MIDLAND, TX 79701-4287  
 3a. Phone No. (include area code)  
 Ph: 432-686-3087

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface: Sec 22 T17S R32E Mer NMP NENW 105FNL 1423FWL  
 At top prod interval reported below: Sec 22 T17S R32E Mer NMP NENW 105FNL 1423FWL  
 At total depth: Sec 15 T17S R32E Mer NMP NWNW 351FNL 971FWL

6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No.  
 8. Lease Name and Well No.  
 IVAR THE BONELESS FEDERAL 22H  
 9. API Well No.  
 30-025-42998-00-X1  
 10. Field and Pool, or Exploratory  
 MALJAMAR  
 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  
 01/28/2016  
 15. Date T.D. Reached  
 02/11/2016  
 16. Date Completed  
 D & A  Ready to Prod.  
 03/25/2016  
 17. Elevations (DF, KB, RT, GL)\*  
 4014 GL

18. Total Depth: MD 11155 TVD 6251  
 19. Plug Back T.D.: MD 11072 TVD 11072  
 20. Depth Bridge Plug Set: MD TVD  
 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
 CNL  
 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
17.500	13.375 J55	54.5		907		650			
12.250	9.625 J55	40.0		2171		650			
8.500	7.000 L80	29.0		5764		0			
8.500	5.500 L80	17.0	5764	11140		2500			

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	5870							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6568	11052	6568 TO 11052	0.000	720	OPEN
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6568	11052	6568 TO 11052	0.000	720	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6568 TO 11052	ACIDIZE W/78, 526 GALS 15% HCL. FRAC W/3,592,962 GALS RF WATER, 253,554 GALS TREATED WATER
6568 TO 11052	1,195,789# 100 MESH, 1,660,365# 40/70 OTTAWA SAND, 417,169# 40/70 CRC

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
04/01/2016	04/05/2016	24	→	484.0	385.0	1483.0	38.9	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→	484	385	1483	795	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
04/01/2016	04/05/2016	24	→	484.0	385.0	1483.0	38.9	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→	484	385	1483	795	POW	

**APPROVED**  
 SEP - 4 2016  
 MUSTELA HAGUE  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #336453 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\*

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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	831		ANHYDRITE	RUSTLER	831
TOP OF SALT	1010		SALT	TOP OF SALT	1010
YATES	2159		SANDSTONE	YATES	2159
QUEEN	3127		SANDSTONE & DOLOMITE	QUEEN	3127
GRAYBURG	3525		SANDSTONE & DOLOMITE	GRAYBURG	3525
SAN ANDRES	3914		DOLOMITE & LIMESTONE	SAN ANDRES	3914
GLORIETA	5397		SANDSTONE	GLORIETA	5397
PADDOCK	5993			PADDOCK	5993

32. Additional remarks (include plugging procedure):  
Log Mailed.

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 #336453 Verified by the BLM Well Information System.**  
For COG OPERATING LLC, sent to the Hobbs  
Committed to AFMSS for processing by MUSTAFA HAQUE on 10/04/2016 (17MH0002SE)

Name (please print) CHASITY JACKSON Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission) Date 04/15/2016

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 \*\***