

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTHOBBS OCD  
FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010  
APR 21 2016

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC029509B

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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. Resvr. Other			7. Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			Contact: CHASITY JACKSON E-Mail: cjackson@concho.com		
3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE MIDLAND, TX 79701			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			8. Lease Name and Well No. IVAR THE BONELESS FEDERAL 22H		
14. Date Spudded 01/28/2016			15. Date T.D. Reached 02/11/2016		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> 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) COMPENSATED NEUTRON LOG		
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 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	0.430	720	OPEN
B)						
C)						
D)						

## 26. Perforation Record

## 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 FR 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	
			→	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
			→						
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 #336453 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	831		ANHYDRITE	RUSTLER	831
TOP SALT	1010		SALT	TOP 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

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***