

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD  
Hobbs

HOBBS OCD  
FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010  
MAR 28 2016

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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) Sec 22 T17S R32E Mer NMP ✓  
At surface NWNW 75FNL 330FWL  
At top prod interval reported below NWNW 75FNL 330FWL  
At total depth Sec 15 T17S R32E Mer NMP NWNW 381FNL 331FWL

5. Lease Serial No. NMLC054687

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 11H

9. API Well No. 30-025-42514-00-S1 ✓

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 07/12/2015 15. Date T.D. Reached 07/22/2015 16. Date Completed  D & A  Ready to Prod. 08/26/2015

17. Elevations (DF, KB, RT, GL)\* 4016 GL

18. Total Depth: MD 10558 TVD 5742 19. Plug Back T.D.: MD 10468 TVD 10468 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT HNGS

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	54.5	0	967		900		0	
12.250	9.625 J55	40.0	0	2187		825		0	
8.750	7.000 L80	29.0	0	5206		2100		0	
7.875	5.500 L80	17.0	5206	10536					

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	5282							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO-WEST	5970	10448	5970 TO 10448	0.000	504	OPEN- Y, West
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5970 TO 10448	ACIDIZE W/54,373 GALS ACID. FRAC W/1,922,971 GALS GEL, 108,143 GALS WF R9, 123,961 GALS WF R3,
5970 TO 10448	FRAC W/193,152 GALS TREATED WATER, 4,171,778# 20/40 WHITE, 660,479# 20/40 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
09/03/2015	09/05/2015	24	→	321.0	265.0	1685.0	39.3	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		→	321	265	1685	826	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	
	SI		→						

ACCEPTED FOR RECORD  
MAR 21 2016  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE  
K. J. Coy

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #316369 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* BLM REVISED \*\*

Reclamation was due: 03/03/2016

MAR 29 2016

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	Thg. 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	Thg. 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
TANSILL	2037		LIMESTONE & DOLOMITE	TANSILL	2037
YATES	2143		SANDSTONE	YATES	2143
QUEEN	3108		SANDSTONE & DOLOMITE	QUEEN	3108
GRAYBURG	3496		SANDSTONE & DOLOMITE	GRAYBURG	3496
GLORIETA	5378		SANDSTONE	GLORIETA	5378
PADDOCK	5449			PADDOCK	5449

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 #316369 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs  
Committed to AFMSS for processing by LINDA JIMENEZ on 10/01/2015 (16LJ0012SE)**

Name (please print) CHASITY JACKSON Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission) Date 09/14/2015

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 \*\***