

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

Hobbs

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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. NMLC029509A	
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. Resv.		6. If Indian, Allottee or Tribe Name	
Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator COG OPERATING LLC		Contact: KANICIA CASTILLO E-Mail: kcastillo@concho.com	
3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287		3a. Phone No. (include area code) Ph: 432-685-4332	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 22 T17S R32E Mer NMP NWNW 105FNL 613FWL At top prod interval reported below Sec 15 T17S R32E Mer NMP SWSW 330FSL 350FWL At total depth Sec 15 T17S R32E Mer NMP NWNW 365FNL 347FWL		8. Lease Name and Well No. IVAR THE BONELESS FEDERAL 21H	
14. Date Spudded 09/27/2016		15. Date T.D. Reached 10/15/2016	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/05/2016		9. API Well No. 30-025-43406-00-S1	
18. Total Depth: MD 11172 TVD 6351		19. Plug Back T.D.: MD TVD	
20. Depth Bridge Plug Set: MD TVD		10. Field and Pool, or Exploratory MALJAMAR-YESO, WEST	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN		11. Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R32E Mer NMP	
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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		12. County or Parish LEA	
23. Casing and Liner Record (Report all strings set in well)		13. State NM	
17. Elevations (DF, KB, RT, GL)* 4014 GL			

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	932		800		0	
12.250	9.625 J-55	40.0	0	2189		675		0	
8.750	7.000 L-80	29.0	0	5643				0	
8.750	5.500 L-80	17.0	5643	11148		2400		5643	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	5574							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6624	11061	6624 TO 11061	0.000	900	OPEN
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
6624 TO 11061	ACIDIZE W/ 98,540 15% ACID, FRAC W/ 318,108 GALS TREATED WATER, 4,748,292 GALS SLICK WATER,

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/06/2016	12/08/2016	24	→	443.0	107.0	1296.0	38.9	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 70.0	24 Hr. Rate →	Oil BBL 443	Gas MCF 107	Water BBL 1296	Gas:Oil Ratio 241	Well Status POW	

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 #362195 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION DUE:
JUN 05 2017ACCEPTED FOR RECORD
18/ DAVID R. GLASS
JAN 25 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	879	3114	ANHYDRITE	RUSTLER	879
QUEEN	3115	3505	SANDSTONE	QUEEN	3115
GRAYBURG	3506	3887	SANDSTONE & DOLOMITE	GRAYBURG	3506
SAN ANDRES	3888	5465	DOLOMITE & LIMESTONE	SAN ANDRES	3888
PADDOCK	5466	5969	DOLOMITE & ANHYDRITE	PADDOCK	5466
BLINEBRY	5970	6623	DOLOMITE & ANHYDRITE	BLINEBRY	5970
YESO	6624	11061			

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 #362195 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER SANCHEZ on 01/23/2017 (17JAS0160SE)

Name (please print) KANICIA CASTILLOTitle PREPARER

Signature _____ (Electronic Submission)

Date 12/28/2016

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 ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****