

HOBBS OCD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office

FORM APPROVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCD Hobbs

SEP 28 2016

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: **STORMI DAVIS**
E-Mail: **sdavis@concho.com**

3. Address **2208 WEST MAIN ARTESIA, NM 88210** 3a. Phone No. (include area code) **Ph: 575-748-6946**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **Sec 4 T24S R32E Mer NMP NENW 190FNL 1980FWL**
At top prod interval reported below **Sec 4 T24S R32E Mer NMP**
At total depth **SESW 355FSL 1933FWL**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No. **MASTIFF FEDERAL 3H**

9. API Well No. **30-025-42064**

10. Field and Pool, or Exploratory **MESA VERDE; BONE SPRING**

11. Sec., T., R., M., or Block and Survey or Area **Sec 4 T24S R32E Mer NMP**

12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **09/16/2015** 15. Date T.D. Reached **10/14/2015** 16. Date Completed D & A Ready to Prod. **04/20/2016**

17. Elevations (DF, KB, RT, GL)* **3664 GL**

18. Total Depth: MD **15020** TVD **10652** 19. Plug Back T.D.: MD **14960** TVD **10649** 20. Depth Bridge Plug Set: MD **14960** TVD **10649**

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

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 J55	54.5	0	1263		1000		0	
12.250	9.625 J55	40.0	0	4850		1580		0	
8.750	5.500 P110	17.0	0	15010		2215		2140	

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	10036	10027						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10757	14920	10757 TO 14860	0.430	756	OPEN
B)			14910 TO 14920		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
10757 TO 14860	SEE IN REMARKS

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
05/13/2016	05/22/2016	24	→	725.0	1027.0	2515.0			FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	380	140.0	→	725	1027	2515		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	
			→						

APPROVED
SEP 20 2016
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #341427 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Reclamation due 10/20/2016

KSE

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
LAMAR	4792	5720		RUSTLER	1158
CHERRY CANYON	5721	7006		TOS	1302
BRUSHY CANYON	7007	8680		BOS	4555
BONE SPRING LM	8681	9832		LAMAR	4792
1ST BONE SPRING	9833	10448		CHERRY CANYON	5721
2ND BONE SPRING	10449	11739		BRUSHY CANYON	7007
3RD BONE SPRING	11740	12052		BONE SPRING LM	8681
WOLFCAMP	12053	12600		1ST BONE SPRING	9833

32. Additional remarks (include plugging procedure):

Additional Tops:
2nd Bone Spring: 10449'
3rd Bone Spring: 11740'
Wolfcamp: 12053'

Surveys & Perfs/Stim are attached.

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 #341427 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH HAM on 09/15/2016 ()**

Name (please print) STORMI DAVIS Title PREPARER

Signature _____ (Electronic Submission) Date 06/08/2016

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.