

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM0536344

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 12 T23S R32E Mer NMP NENW 190FNL 2260FWL**
At top prod interval reported below **Sec 12 T23S R32E Mer NMP**
At total depth **SESW 436FSL 2284FWL**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No. **RESOLVER FEDERAL COM 2H**

9. API Well No. **30-025-42170**

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

11. Sec., T., R., M., or Block and Survey or Area **Sec 12 T23S R32E Mer NMP**

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

14. Date Spudded **10/26/2015** 15. Date T.D. Reached **11/24/2015** 16. Date Completed D & A Ready to Prod. **03/07/2016**

17. Elevations (DF, KB, RT, GL)* **3754 GL**

18. Total Depth: MD **14096** TVD **9788** 19. Plug Back T.D.: MD **14030** TVD **9788** 20. Depth Bridge Plug Set: MD **14030** TVD **9788**

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)

HOBBS OCD

APR 25 2016

RECEIVED

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	0	1361		1225		0	
12.250	9.625 J55	40.0	0	5023		1550		0	
8.750	5.500 P110	17.0	0	14080		2300		0	

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	9018	9001						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9870	13990	9870 TO 13930	0.430	972	OPEN
B)			13980 TO 13990		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
9870 TO 13930	SEE ATTACHED

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
03/26/2016	04/13/2016	24	→	220.0	300.0	2712.0			POW
Choke Size	Tbg. Press. Flwg. 350 SI	Csg. Press.	24 Hr. Rate →	Oil BBL 220	Gas MCF 300	Water BBL 2712	Gas:Oil Ratio		Well Status 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

ACCEPTED FOR RECORD

Production Method

FLOWES FROM WELL

APR 20 2016

[Signature]

**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

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

ELECTRONIC SUBMISSION #336574 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Reclamation Due: 10/13/16

[Signature]

MAY 09 2016

[Signature]

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.)
FLARED

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	5030	5086		LAMAR	5030
BELL CANYON	5087	6001		BELL CANYON	5087
CHERRY CANYON	6002	7256		CHERRY CANYON	6002
BRUSHY CANYON	7257	8879		BRUSHY CANYON	7257
BONE SPRING LM	8880	10061		BONE SPRING LM	8880
1ST BONE SPRING	10062	10715		1ST BONE SPRING	10062
2ND BONE SPRING	10716	11901		2ND BONE SPRING	10716
3RD BONE SPRING	11902	12319		3RD BONE SPRING	11902

32. Additional remarks (include plugging procedure):

Additional Tops:
Wolfcamp 12320

Surveys and Perfs/Stimulation 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 #336574 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH HAM on 04/20/2016 ()

Name (please print) STORMI DAVIS 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 **