

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

NMNM99147

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.

Other

2. Name of Operator

COG Operating LLC

6. INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT

8. FARM OR LEASE NAME

Showstopper 17 Federal Com #9H

3. Address
2208 W. Main Street
Artesia, NM 88210

3a. Phone No. (include area code)

575-748-6940

9. API WELL NO.

30-015-37836

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 150' FSL & 150' FEL, Unit P (SESE)

At top prod. Interval reported below

At total depth 300' FNL & 450' FEL, Unit A (NENE)

RECEIVED
MAY 11 2011
NMCD ARTESIA

10. FIELD NAME

Willow Lake; Bone Spring, SE

11. SEC. T. R. M. OR BLOCK AND SURVEY
OR AREA 17 T 25S R 29E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

14. Date Spudded

1/16/11

15. Date T.D. Reached

2/4/11

16. Date Completed

4/9/11

☐ D & A☒ Ready to Prod.

17. ELEVATIONS (DF, RKB, RT, GR, etc.)*

3015'

GR

3032'

KB

18. Total Depth:

MD

11810'

TVD

7441'

19. Plug back T.D.:

MD

11769'

TVD

7440'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric & other Logs Run (Submit a copy of each)

DLL, DSN

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report)Directional Survey? ☐ No ☒ Yes (Submit copy)

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 1/2"	13 3/8" H40	48#	0	715'		625 SX		0	None
12 1/4"	9 5/8" J55	36#	0	2860'		900 SX		0	None
7 7/8"	5 1/2" P110	17#	0	11810'	6669'	1775 SX		0	None

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
None								

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	7155'	11630'	7155-11630'			Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7155-11630'	Acid w/49224 gal 15%; Frac w/5038416# sand & 3546770 gal fluid

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
4/19/11	4/20/11	24	→	145	2600	2547			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
40/64"		840#	→	145	2600	2547		Producing	

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 page 2)

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 Measured Depth
Delaware Bone Spring	2979' 6650'	6649' 11810'		Top of Salt Bottom of Salt Delaware Bone Spring	1416' 2750' 2979' 6650'
					TD. 11810'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

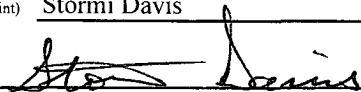
- ☒ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Deviation Report

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Stormi Davis

Title Regulatory Analyst

Signature



Date 4/21/11

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.

Eddy County, NM
Section 17 T25S R29E

Showstopper 17 Federal Com #9H
Willow Lake; Bone Spring, SE
API: 30-015-37836

<u>SHL</u>	<u>BHL</u>
150' FSL	300' FNL
150' FEL	450' FEL

KB: 3032'
GL: 3015'

