

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED

OMB NO. 1004-0137

Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

NMNM103597

6. INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT

8. FARM OR LEASE NAME

Magura 8 Federal #4H

9. API WELL NO.

30-015-39472

10. FIELD NAME

Wildcat, Bone Spring

11. SEC. T. R. M. OR BLOCK AND SURVEY
OR AREA 8 T 26S R 26E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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

3533'

GR

3551'

KB

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

2. Name of Operator

COG Operating LLC

3. Address

2208 W. Main Street
Artesia, NM 88210

3a. Phone No. (include area code)

575-748-6940

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

At surface 330' FNL & 2080' FWL, Unit C (NENW) Sec 8-T26S-R26E

At top prod. Interval reported below

At total depth 332' FSL & 2051' FWL, Unit N (SESW) Sec 8-T26S-R26E

14. Date Spudded

11/16/12

15. Date T.D. Reached

11/29/12

16. Date Completed

☐ D & A

1/19/13

☒ Ready to Prod.

18. Total Depth:

MD

11580'

TVD

7154'

19. Plug back T.D.:

MD

11525'

TVD

7153'

20. Depth Bridge Plug Set:

MD

11525'

TVD

7153'

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

None

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	365'		400 sx		0	None
12 1/4"	9 5/8" J55	36#	0	1809'		650 sx		0	None
7 7/8"	5 1/2" P110	17#	0	11579'		1650 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)
2 7/8"	6697'	6681'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	7384'	11485'	7384-11420'	0.43	460	Open
B)			11475-11485'	0.43	60	Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
See Attached	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
1/31/13	2/2/13	24	→	117	650	780			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
Open	160#	630#	→	117	650	780		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)

RECEIVED

FEB 20 2013

NM OCD ARTESIA

RECLAMATION
DUE 7-19-13

FILED FOR RECORD

FEB 6 2013

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

gmw

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
Lamar Bone Spring	1846'	5373'		Rustler	103'
	5374'	11580'		Top of Salt	400'
				Base of Salt	1701'
				Lamar	1846'
				Bone Spring Line	5374'
				First Bone Spring	6237'
				Second Bone Spring	6532'
					TD. 11580'

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 2/5/13

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.

MAGURA 8 FEDERAL #4H

30-015-39472

Sec 8-T26S-R26E

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
11110-11420'	3008	301195	275035
10696-11008'	3021	316595	277892
10282-10593'	2993	299450	276819
9868-10180'	3009	298709	272772
9454-9766'	3005	299430	273460
9040-9351'	2977	299477	270325
8626-8937'	3849	290288	269526
8212-8523'	3001	299376	270901
7798-8109'	3014	299719	270658
7384-7696'	2991	294024	267064
Totals	30868	2998263	2724452