

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OGD  
OCD-HOBBS

APR 24 2012

FORM APPROVED  
OMB NO 1004-0137  
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 LEASE DESIGNATION AND SERIAL NO

NMNM64606

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

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

6 INDIAN ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT

8 FARM OR LEASE NAME

Airbonita 12 Federal Com #2H

9 API WELL NO

30-025-40179

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

At surface 375' FSL & 1980' FEL, Unit O (SWSE)

At top prod Interval reported below

At total depth 408' FNL & 2143' FEL, Unit B (NWNE)

10 FIELD NAME

Red Tank; Bone Spring

11 SEC T. R. M. OR BLOCK AND SURVEY  
OR AREA 12 T 22S R 32E

12 COUNTY OR PARISH 13 STATE

Lea

NM

14 Date Spudded

11/20/11

15 Date TD Reached

1/8/12

16 Date Completed

3/14/12

☐ D & A

☒ Ready to Prod

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

3635'

GR

3653'

KB

18 Total Depth

MD 14110'

TVD 9751'

19 Plug back TD

MD

14054'

TVD

9755'

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 Sks & Type of Cement	Slurry Vol (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" J55	54.5#	0	963'		750 sx		0	None
12 1/4"	9 5/8" J55	36# & 40#	0	4519'		1550 sx		0	None
7 7/8"	5 1/2" P110	17#	0	14102'	4409'	2650 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"	9182'	9182'						

25 Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No of Holes	Perf Status
A) Bone Spring	9996'	14034'	See Attached	0.43	322	Open
B)						
C)						
D)						

27 Acid, Fracture Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
See Attached	See Attached

RECLAMATION  
DUE 9-14-12

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
3/15/12	3/18/12	24	→	393	1505	2586			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"	520#		→					Producing	

ACCEPTED FOR RECORD

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	
			→						

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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 Flwe 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 Flwe 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 )

Flaring

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	4715'	8317'		Top of Salt	867'
	8318'	14110'		Bottom of Salt	4321'
				Delaware	4715'
				Bone Spring	8318'
					TD 14110'

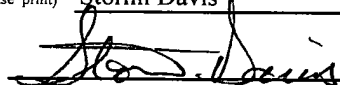
32 Additional remarks (include plugging procedure)

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 3/21/12

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

**AIRBONITA 12 FEDERAL COM #2H****30-025-40179****Sec 12-T22S-R32E**

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
13743-14034'	3004	5411	175779
12789-13644'	3000	382091	380953
12240-12692'	3016	376685	331592
11679-12130'	3005	375515	323232
11118-11569'	3045	375698	325528
10557-11008'	3021	403473	332547
9996-10446'	3009	401009	328996
<b>Totals</b>	<b>21100</b>	<b>2319882</b>	<b>2198627</b>