

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

NMNM120908

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Workover  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

6. INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT

2. Name of Operator  
COG Production LLC

8. FARM OR LEASE NAME  
Azores Federal #2H

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

3a. Phone No. (include area code)  
575-748-6940  
**HOBBS OCD**

9. API WELL NO.  
30-025-41534

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface 190' FSL & 1650' FEL, Unit O (SWSE) of Sec 29-24S-32E  
 At top prod. Interval reported below  
 At total depth 350' FNL & 1871' FEL, Unit B (NWNE) of Sec 29-24S-32E  
**JUL 14 2014**  
**RECEIVED**

10. FIELD NAME  
WC-025 G06 S253206M; Bone Spring

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA 29 T 24S R 32E

12. COUNTY OR PARISH Lea 13. STATE NM

14. Date Spudded 2/27/14 15. Date T.D. Reached 3/19/14 16. Date Completed 5/10/14  
 D & A  Ready to Prod.

17. ELEVATIONS (DF, RKB, RT, GR, etc.)\*  
3498' GR 3520' KB

18. Total Depth: MD 15145' TVD 10610' 19. Plug back T.D.: MD 15060' TVD 10610'

20. Depth Bridge Plug Set: MD TVD

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 Sks. & Type of Cement	Slurry Vol. (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" J55	54.5#	0	830'		700 sx		0	None
12 1/4"	9 5/8" J55	36# & 40#	0	4571'		1375 sx		0	None
7 7/8"	5 1/2" P110	17#	0	15140'	6524'	2700 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"	10040'	10023'						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	10754'	15045'	10754-15045'	0.43	396	Open
B)						
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
5/11/14	6/3/14	24	→	1892	2776	1336			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
	500#		→	1892	2776	1336		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	
			→						

**ACCEPTED FOR RECORD**  
**JUL 5 2014**  
 [Signature]  
 BUREAU OF LAND MANAGEMENT  
 SANDSAD FIELD OFFICE

**RECLAMATION DUE 11-10-14**  
**JUL 17 2014**

\* 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 Gravitv	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 Gravitv	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:

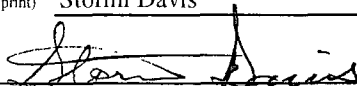
Formation	Top	Bottom	Descriptions Contents, Etc.	Name	Top
					Measured Depth
Lamar Bone Spring	4629'	8539'		Rustler	863'
	8540'	10610'		Top of Salt	1080'
				Bottom of Salt	4401'
				Lamar	4629'
				Bone Spring Lime	8540'
				1st Bone Spring	9627'
		2nd Bone Spring	9863'		
				TVD.	10610'

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 6/4/14

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.

**AZORES FEDERAL #2H**

30-025-41534

Sec 29-T24S-R32E

**HOBBS OCD**

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<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
14777-15045'	2982	603980	406602
14375-14643'	5964	603324	425964
13972-14240'	6048	600078	423906
13570-13838'	6066	603190	424242
13168-13436'	6048	820392	610764
12765-13034'	6048	600533	418824
12363-12631'	6006	601547	418824
11961-12229'	6048	600720	416598
11559-11827'	6048	601240	422226
11156-11424'	6216	594102	417900
10754-11022'	6552	612615	417690
<b>Totals</b>	<b>64026</b>	<b>6841721</b>	<b>4803540</b>

OPERATOR COG Operating  
WELL/LEASE Azores Federal #2-H  
COUNTY Lea Co., NM

HOBBS OCD

JUL 14 2014

RECEIVED

STATE OF NEW MEXICO  
DEVIATION REPORT

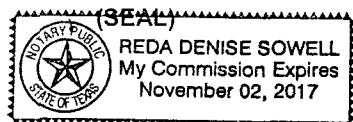
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230	0.40
534	1.14
780	0.60
903	1.90
1453	1.10
1732	1.20
2015	1.40
2582	3.20
2299	3.30
2865	2.20
3000	2.81
3300	2.33
3600	2.31
3900	1.41
4200	1.30
4642	1.60
6061	0.80
6342	1.00
6625	0.70
6912	1.50
7245	0.17
7654	0.29
8041	0.70
8325	0.50
8589	0.50
8895	0.50
9364	1.90
9614	1.80
10041	2.00
10125	5.20

SIGNED BY: *Ron Scandolari*  
RON SCANDOLARI, VP-CONTRACT DRILLING

STATE OF TEXAS  
COUNTY OF MIDLAND

ON THIS 2 DAY OF April, 2014, BEFORE ME, R SOWELL, A NOTARY PUBLIC, PERSONALLY APPEARED RON SCANDOLARI, WHO ACKNOWLEDGED AND EXECUTED THIS DOCUMENT. WITNESS MY HAND AND OFFICIAL SEAL.



*Reda Denise Sowell*  
NOTARY PUBLIC