

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Production LLC 2208 W. Main Street Artesia, NM 88210		² OGRID Number 217955
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 025-43845	⁵ Pool Name WC-025 G-06 S253206M; Bone Spring	⁶ Pool Code 97899
⁷ Property Code 39881	⁸ Property Name Azores Federal	⁹ Well Number 6H

II. ¹⁰ Surface Location

Ul or lot no. O	Section 29	Township 24S	Range 32E	Lot Idn	Feet from the 210	North/South Line South	Feet from the 1850	East/West line East	County Lea
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¹¹ Bottom Hole Location

Ul or lot no. B	Section 29	Township 24S	Range 32E	Lot Idn	Feet from the 200	North/South Line North	Feet from the 1675	East/West line East	County Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 4/18/18	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	Alpha Crude Connector Pipeline	O
372422	Lucid Energy Delaware LLC 3100 McKinnon - Ste 800 Dallas, TX 75201	G

IV. Well Completion Data

²¹ Spud Date 10/25/17 ✓	²² Ready Date 4/14/18	²³ TD 14185'	²⁴ PBDT 14075'	²⁵ Perforations 9661-14050'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	896'	700		
12 1/4"	9 5/8"	4643'	1400		
8 3/4"	5 1/2"	14171'	2150		
	2 7/8"	8982'			

V. Well Test Data

³¹ Date New Oil 4/18/18	³² Gas Delivery Date 4/18/18	³³ Test Date 4/18/18	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 350#	³⁶ Csg. Pressure 150#
³⁷ Choke Size 58/64"	³⁸ Oil 162	³⁹ Water 1661	⁴⁰ Gas 407		⁴¹ Test Method Flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name:
Stormi Davis

Title:
Regulatory Analyst

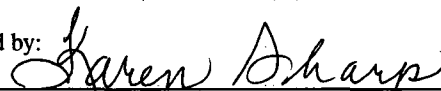
E-mail Address:
sdavis@concho.com

Date:
5/10/18

Phone:
575-748-6946

OIL CONSERVATION DIVISION

Approved by:



Title:

Staff Mgr

Approval Date:

5-17-18

Pending BLM approvals will
subsequently be reviewed
and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMNM120908

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
AZORES FEDERAL 6H2. Name of Operator
COG PRODUCTION LLCContact: STORMI DAVIS
E-Mail: sdavis@concho.com9. API Well No.
30-025-438453a. Address
2208 WEST MAIN
ARTESIA, NM 882103b. Phone No. (include area code)
Ph: 575-748-690010. Field and Pool or Exploratory Area
WILDCAT; BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 29 T24S R32E Mer NMP SWSE 210FSL 1850FEL

11. County or Parish, State
LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

11/29/17 Test csg to 1500# for 30 mins. Good test. Set CBP @ 14075'. Test to 4057#. Test csg to 8480#. Good test. Perf 14040-14050' (60). Injection test.

3/21/18 to 3/27/18 Perforate 9661-13972' (1276). Acdz w/89,376 gal 7 1/2% acid; frac w/8,690,948# sand & 9,044,154 gal fluid.

4/10/18 to 4/12/18 Drilled out all frac plugs and clean down to CBP @ 14075'.
4/14/18 Set 2 7/8" 6.5# L-80 tbg @ 8982' & pkr @ 8965'. Installed gas-lift system.

4/18/18 Began flowing back & testing. Date of first production.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #419587 verified by the BLM Well Information System
For COG PRODUCTION LLC, sent to the Hobbs**

Name (Printed/Typed) STORMI DAVIS

Title PREPARER

Signature (Electronic Submission)

Date 05/10/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____

Title _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person know States any false, fictitious or fraudulent statements or representations as to any matter within its jur.

(Instructions on page 2)

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

Pending BLM approvals will
subsequently be reviewed
and scanned

Department or agency of the United

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Off. Resvr. Other _____			5. Lease Serial No. NMNM120908		
2. Name of Operator COG PRODUCTION LLC Contact: STORMI DAVIS E-Mail: sdavis@concho.com			6. If Indian, Allottee or Tribe Name 7. Unit or CA Agreement Name and No.		
3. Address 2208 WEST MAIN ARTESIA, NM 88210			3a. Phone No. (include area code) Ph: 575-748-4346		
4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 29 T24S R32E Mer NMP At surface SWSE 210FSL 1850FEL At top prod interval reported below Sec 29 T24S R32E Mer NMP At total depth NWNE 200FNL 1675FEL			8. Lease Name and Well No. AZORES FEDERAL 6H 9. API Well No. 30-025-43845		
14. Date Spudded 10/25/2017			15. Date T.D. Reached 11/12/2017		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/14/2018			17. Elevations (DF, KB, RT, GL)* 3497 GL		
18. Total Depth: MD 14185 TVD 9490		19. Plug Back T.D.: MD 14075 TVD 9495		20. Depth Bridge Plug Set: MD 14075 TVD 9495	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)		

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	896		700		0	
12.250	9.625 L80	40.0	0	4643		1400		0	
8.750	5.500 P110	17.0	0	14171		2150		4000	

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	8982	8965						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9661	14050	9661 TO 13972	0.430	1276	OPEN
B)			14040 TO 14050		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
9661 TO 13972	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
04/18/2018	04/18/2018	24	→	162.0	407.0	1661.0			FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
58/64	350	150.0	→	162	407	1661		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	
			→						

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

ELECTRONIC SUBMISSION #419615 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Pending BLM approvals will
subsequently be reviewed
and scanned

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 Meas. Depth
LAMAR	4625	4651		RUSTLER	762
BELL CANYON	4652	5558		TOS	1077
CHERRY CANYON	5559	8537		BOS	4399
BONE SPRING LM	8538	9512		LAMAR	4625
				BELL CANYON	4652
				CHERRY CANYON	5559
				BONE SPRING LM	8538

32. Additional remarks (include plugging procedure):
Survey 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 #419615 Verified by the BLM Well Information System.
For COG PRODUCTION LLC, sent to the Hobbs**

Name (please print) STORMI DAVISTitle PREPARER

Signature _____ (Electronic Submission)

Date 05/10/2018

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 ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

AZORES FEDERAL #6H (30-025-43845)

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	4032	300064	402108
2	3024	300276	300342
3	3024	300927	297822
4	3024	300163	315420
5	3024	299425	304920
6	3024	252780	271404
7	3024	300173	294924
8	3066	304156	306390
9	3024	299491	296436
10	3066	283559	322602
11	3024	301038	353220
12	3024	299858	310212
13	3024	300735	305298
14	3024	301640	312186
15	3024	300445	309960
16	3108	299802	314496
17	3024	299574	315336
18	3024	300467	308238
19	3066	296295	294630
20	3066	301235	296730
21	3024	300976	294504
22	3024	308026	304794
23	3024	304753	297528
24	3024	307729	296940
25	3024	308037	294336
26	3024	307737	444108
27	3024	307886	295596
28	2982	310245	293496
29	3486	293456	290178
Totals	89376	8690948	9044154