

Submit one copy to appropriate District Office

☐ AMENDED REPORT

## **I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address COG Operating LLC 2208 W. Main Street Artesia, NM 88210		<sup>2</sup> OGRID Number 229137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW
<sup>4</sup> API Number 30 - 015-42132	<sup>5</sup> Pool Name Wildcat G-03 S262631M; Bone Spring <i>1B</i>	<sup>6</sup> Pool Code 97818
<sup>7</sup> Property Code 38565	<sup>8</sup> Property Name Jack Federal	<sup>9</sup> Well Number 2H

## II. <sup>10</sup> Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
1	31	25S	27E	1	240	North	330	West	Eddy

### 11 Bottom Hole Location

Ul or lot no. 4	Section 31	Township 25S	Range 27E	Lot Idn 4	Feet from the 361	North/South Line South	Feet from the 401	East/West line West	County Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F		<sup>14</sup> Gas Connection Date		<sup>15</sup> C-129 Permit Number		<sup>16</sup> C-129 Effective Date		<sup>17</sup> C-129 Expiration Date



### III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
248440	Western Refining Company, LP 6500 Trowbridge Drive El Paso, TX 79905	O
	NM OIL CONSERVATION ARTESIA DISTRICT	
	SEP 10 2014	
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#### IV. Well Completion Data

<sup>21</sup> Spud Date 6/3/14	<sup>22</sup> Ready Date 7/26/14	<sup>23</sup> TD 11764'	<sup>24</sup> PBTd 11630'	<sup>25</sup> Perforations 7586-11600'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17 1/2"	13 3/8"	437'	450 sx		
12 1/4"	9 5/8"	2020'	800 sx		
7 7/8"	5 1/2"	11759'	2350 sx		
	2 7/8"	7551'			

## V. Well Test Data

<sup>31</sup> Date New Oil 8/1/14	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date 8/6/14	<sup>34</sup> Test Length 24 Hrs	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure 885#
<sup>37</sup> Choke Size 32/64"	<sup>38</sup> Oil 677	<sup>39</sup> Water 2100	<sup>40</sup> Gas 500		<sup>41</sup> Test Method Flowing
<sup>42</sup> 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: 			OIL CONSERVATION DIVISION		
Printed name: Stormi Davis			Approved by: 		
Title: Regulatory Analyst			Title: "Geologist"		
E-mail Address: sdavis@concho.com			Approval Date: 9-19-2014		
Date: 9/8/14		Phone: 575-748-6946			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**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.  
NMNM114349

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.  
JACK FEDERAL 2H2. Name of Operator  
COG OPERATING LLCContact: STORMI DAVIS  
E-Mail: sdavis@concho.com9. API Well No.  
30-015-421323a. Address  
2208 WEST MAIN  
ARTESIA, NM 882103b. Phone No. (include area code)  
Ph: 575-748-694610. Field and Pool, or Exploratory  
WILDCAT; BONE SPRING

WILDCAT 6-03 \$262631 M' RS

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

Sec 31 T25S R27E NWNW 240FNL 330FWL

11. County or Parish, and State

EDDY COUNTY, NM

## 12. CHECK 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"/> Fracture Treat	<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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

8/20/14 to 8/22/14 Drill out frac plugs. Clean down to CBP @ 11630'.

8/23/14 Set 2 7/8" J-55 tbg @ 7551' &amp; pkr @ 6759'. Place on gas-lift.

NM OIL CONSERVATION  
ARTESIA DISTRICT  
SEP 10 2014

RECEIVED

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

Electronic Submission #261830 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad

Name (Printed/Typed) STORMI DAVIS

Title PREPARER

Signature (Electronic Submission)

Date 09/08/2014

THIS SPACE FOR FEDERAL OR STATE OFFICIAL 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

Pending BLM approvals will  
subsequently be reviewed  
and scanned 105

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.

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

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**

5. Lease Serial No.  
NMNM114349

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			Contact: STORMI DAVIS E-Mail: sdavis@concho.com		
3. Address 2208 W MAIN ST ARTESIA, NM 88210			3a. Phone No. (include area code) Ph: 575-748-6946		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 31 T25S R27E Mer NMP At surface NWNW Lot 1 240FNL 330FWL At top prod interval reported below Sec 31 T25S R27E Mer NMP At total depth SWSW Lot 4 361FSL 401FWL			8. Lease Name and Well No. JACK FEDERAL 2H		
			9. API Well No. 30-015-42132		
			10. Field and Pool, or Exploratory WILDCAT; BONE SPRING		
			11. Sec., T., R., M., or Block and Survey or Area Sec 31 T25S R27E Mer NMP		
			12. County or Parish EDDY		13. State NM
14. Date Spudded 06/03/2013		15. Date T.D. Reached 06/16/2013		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/26/2014	
17. Elevations (DF, KB, RT, GL)* 3241 GL					
18. Total Depth: MD 11764 TVD 7412		19. Plug Back T.D.: MD 11630 TVD 7416		20. Depth Bridge Plug Set: MD 11630 TVD 7416	
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	437		450		0	
12.250	9.625 J55	40.0	0	2020		800		0	
7.875	5.500 P110	17.0	0	11759		2350		0	

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	7551	6759						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7586	11600	7586 TO 11600	0.430	504	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material	NM OIL CONSERVATION
7586 TO 11600	SEE REMARKS	ARTESIA DISTRICT
		SEP 10 2014

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
08/01/2014	08/06/2014	24	→	677.0	500.0	2100.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
32/64	SI	885.0	→	677	500	2100		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	
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #261824 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Pending BLM approvals will  
subsequently be reviewed  
and scanned *TES*

## 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.)

FLARED

## 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	1949	1995		TOS	438
BELL CANYON	1996	2849		BOS	1756
CHERRY CANYON	2850	3937		LAMAR	1949
BRUSHY CANYON	3938	5517		BELL CANYON	1996
BONE SPRING LM	5518	6466		CHERRY CANYON	2850
1ST BONE SPRING	6467	7063		BRUSHY CANYON	3938
2ND BONE SPRING	7064	7412		BONE SPRING LM	5518

## 32. Additional remarks (include plugging procedure):

Perfs 7 1/2% (Gal) Sand (#) Fluid (Gal)

11404-11600' 2982 453747 359820

11110-11307' 5964 452433 370146

10817-11013' 9006 454173 375770

10523-10719' 5982 450423 363738

10229-10425' 5964 458123 353094

9934-10131' 5964 456356 366786

9642-9838' 5982 451246 348198

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (I 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 #261824 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) STORMI DAVISTitle REGULATORY ANALYSTSignature (Electronic Submission)Date 09/08/2014

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 \*\***

**Additional data for transaction #261824 that would not fit on the form**

**32. Additional remarks, continued**

9353-9544'	5999	455372	335405
9055-9250'	5982	450571	345678
8764-8957'	5982	372255	293472
8467-8662'	5982	449833	345300
8173-8369'	5964	448309	366282
7880-8071'	5999	453844	335369
7586-7782'	5999	459921	335873
Totals	83750	6266606	4894930

**Additional Tops**

1st Bone Spring	6467'
2nd Bone Spring	7064'