

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

Form C-104  
Revised August 1, 2011

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

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 <b>229137</b>
		<sup>3</sup> Reason for Filing Code/ Effective Date <b>NW</b>
<sup>4</sup> API Number <b>30 - 015-43158</b>	<sup>5</sup> Pool Name <b>Parkway; Bone Spring</b>	<sup>6</sup> Pool Code <b>49622</b>
<sup>7</sup> Property Code <b>314886</b>	<sup>8</sup> Property Name <b>Crapshoot 13 Federal Com</b>	<sup>9</sup> Well Number <b>2H</b>

**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
<b>A</b>	<b>24</b>	<b>20S</b>	<b>29E</b>		<b>230</b>	<b>North</b>	<b>1140</b>	<b>East</b>	<b>Eddy</b>

**<sup>11</sup> Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>B</b>	<b>13</b>	<b>20S</b>	<b>29E</b>		<b>344</b>	<b>North</b>	<b>1973</b>	<b>East</b>	<b>Eddy</b>
<sup>12</sup> Lse Code <b>F</b>	<sup>13</sup> Producing Method Code <b>P</b>	<sup>14</sup> Gas Connection Date <b>11/13/15</b>	<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
<b>278421</b>	<b>Holly Refining &amp; Marketing Company, LLC PO Box 159 Artesia, NM 88210</b>	<b>O</b>
<b>147831</b>	<b>Agave Energy Company 105 S. 4th Street Artesia, NM 88210</b>	<b>G</b>
<b>NM OIL CONSERVATION ARTESIA DISTRICT</b>		
<b>NOV 25 2015</b>		

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**IV. Well Completion Data**

<sup>21</sup> Spud Date	<sup>22</sup> Ready Date	<sup>23</sup> TD	<sup>24</sup> PBTB	<sup>25</sup> Perforations	<sup>26</sup> DHC, MC
<b>6/8/15</b>	<b>10/16/15</b>	<b>13562' 847</b>	<b>13480'</b>	<b>8900-13455'</b>	
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
<b>26"</b>	<b>20"</b>	<b>345'</b>	<b>1321</b>		
<b>17 1/2"</b>	<b>13 3/8"</b>	<b>1770'</b>	<b>1730</b>		
<b>12 1/4"</b>	<b>9 5/8"</b>	<b>3498'</b>	<b>1250</b>		
<b>8 3/4"</b>	<b>7" &amp; 5 1/2"</b>	<b>13550'</b>	<b>2450</b>		
	<b>2 7/8"</b>	<b>7915'</b>			

**V. Well Test Data**

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date	<sup>34</sup> Test Length	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
<b>11/12/15</b>	<b>11/13/15</b>	<b>11/15/15</b>	<b>24 Hrs</b>	<b>400#</b>	<b>150#</b>
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas		
	<b>582</b>	<b>1612</b>	<b>875</b>		
			<sup>41</sup> Test Method		
			<b>Pumping</b>		

<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: *Stormi Davis*  
Printed name: Stormi Davis  
Title: Regulatory Analyst  
E-mail Address: sdavis@concho.com  
Date: 11/19/15  
Phone: 575-748-6946

OIL CONSERVATION DIVISION

Approved by: *Al Wade*  
Title: *Dist. Supervisor*  
Approval Date: *12/9/15*

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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.  
NMNM0555546

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

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

8. Well Name and No.  
CRAPSHOOT 13 FEDERAL COM 2H

9. API Well No.  
30-015-43158

10. Field and Pool, or Exploratory  
PARKWAY; BONE SPRING

11. County or Parish, and State  
EDDY COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
COG OPERATING LLC  
Contact: STORMI DAVIS  
E-Mail: sdavis@concho.com

3a. Address  
2208 WEST MAIN  
ARTESIA, NM 88210

3b. Phone No. (include area code)  
Ph: 575-748-6946

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 24 T20S R29E NENE 230FNL 1140FEL

**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 recomplete 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 recompletion 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.)

7/2/15 to 8/10/15 MIRU. Load & test 7" x 9 5/8" annulus to 1600# for 15 mins. Test ok. Test 7" 5 1/2" csg to 2500#. Did not test. Found csg is collapsed. Cut out 4'8" of 20" csg & chipped cmt from around csg. Cut off & dressed 7" csg @ 11', 9 5/8" csg @ 12.5', 13 3/8" csg @ 15' & 20" csg @ 17.5'. Tie back all strings w/new csg. Unable to tie back 7". Spear into csg. Run free-point. Csg stuck @ 437', free @ 394'. Cut & pull 10 jts csg. RIH w/new csg. Cut off csg & dress off csg stub. Test 7" x 9 5/8" annulus to 1500#. Test ok. Test 7" x 5 1/2" annulus to 8500# for 15 mins. Good test. Clean out to PBTB @ 13505'. Retest 7" x 5 1/2" to 8400# for 15 mins. Test ok. Drill out FC, FS & new formation to 13562'. Circ clean. Pump injection test. 8/11/15 Test annulus to 1000#. Good test. Set CBP @ 13480'. Test csg to 8100#. Good test. Perf Bone Spring 13261-13455' (36).

10/11/15 to 10/16/15 Perforate Bone Spring 8900-13154' (504). Acdz w/15% acid; frac w/6765597#

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ARTESIA DISTRICT  
NOV 25 2015  
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Accepted for record  
URD NMOC 11/25/15

14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #324074 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 11/19/2015

**THIS SPACE FOR FEDERAL OR STATE**

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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 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.

**Additional data for EC transaction #324074 that would not fit on the form**

**32. Additional remarks, continued**

sand & 5656462 gal fluid.

10/18/15 Began flowing back & testing.

11/2/15 to 11/4/15 Drilled out all frac plugs. Clean down to CBP @ 13480'.

11/6/15 Set 2 7/8" 6.5# L-80 tbgs @ 7915'. Place well on pump.

11/12/15 Date of 1st production.

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.  
NMNM055546

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

2. Name of Operator: COG OPERATING LLC  
 Contact: STORMI DAVIS  
 E-Mail: sdavis@concho.com

3. Address: 2208 WEST MAIN, ARTESIA, NM 88210  
 3a. Phone No. (include area code): 575-748-6946

4. Location of Well (Report location clearly and in accordance with Federal Acquisition Regulation):  
 At surface: NENE 230FNL 1140FEL  
 At top prod interval reported below: Sec 13 T20S R29E Mer  
 At total depth: NWNE 344FNL 1973FEL

6. If Indian, Allottee or Tribe Name: \_\_\_\_\_  
 7. Unit or CA Agreement Name and No.: \_\_\_\_\_

8. Lease Name and Well No.: CRAPSHOOT 13 FEDERAL COM 2H  
 9. API Well No.: 30-015-43158

10. Field and Pool, or Exploratory: PARKWAY; BONE SPRING  
 11. Sec., T., R., M., or Block and Survey or Area: Sec 24 T20S R29E Mer  
 12. County or Parish: EDDY  
 13. State: NM

14. Date Spudded: 06/08/2015  
 15. Date T.D. Reached: 06/25/2015  
 16. Date Completed: 10/16/2015  
 Delay to Prod.

17. Elevations (DF, KB, RT, GL)\*: 3320 GL

18. Total Depth: MD 13562, TVD 8417  
 19. Plug Back T.D.: MD 13480, TVD 8417  
 20. Depth Bridge Plug Set: MD 13480, TVD 8417

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): NONE  
 22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  Yes (Submit analysis)

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ARTESIA DISTRICT  
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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
26.000	20.000 J55	94.0	0	345		1321		0	
17.500	13.375 J55	54.5	0	1770		1730		0	
12.250	9.625 J55	40.0	0	3498	1819	1250		0	
8.750	7.000 P110	29.0	0	7779		2450		0	
8.750	5.500 P110	17.0	7780	13550				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	7915							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8900	13455	8900 TO 13455	0.430	540	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8900 TO 13455	SEE IN REMARKS

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
11/12/2015	11/15/2015	24	→	582.0	875.0	1612.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	400	150.0	→	582	875	1612		POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	G. G.
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	We
			→					

Pending BLM approvals will subsequently be reviewed and scanned.  
AD

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

ELECTRONIC SUBMISSION #324228 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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



**Additional data for transaction #324228 that would not fit on the form**

**32. Additional remarks, continued**

11081-11283 1506 452005 395508  
10765-10977 1512 464344 378546  
10458-10665 1506 455059 373416  
10146-10354 1512 445870 370482  
9835-10042 1512 461825 371364  
9523-9731 1554 449606 373254  
9212-9415 1512 447029 371766  
8900-9107 756 455030 374850  
Totals 21130 6765597 5656462

**Additional Tops:**

Brushy Canyon 4800  
Bone Spring Lm 6272  
Up Avalon Shale 6550  
Lo Avalon Shale 6875  
1st Bone Spring 7303  
2nd Bone Spring 8213

Surveys are attached.