

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

**HOBBS OCD**

Form C-104  
Revised August 1, 2011

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

DEC 07 2018

Submit one copy to appropriate District Office

**RECEIVED**

AMENDED REPORT

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

<sup>1</sup> Operator name and Address Centennial Resource Production, LLC 1001 17th Street, Suite 1800 Denver, CO 80202		<sup>2</sup> OGRID Number 372165
		<sup>3</sup> Reason for Filing Code/ Effective Date NW 11/08/18
<sup>4</sup> API Number 30 - 025-43408	<sup>5</sup> Pool Name Red Hills-Bone Spring, North	<sup>6</sup> Pool Code 96434
<sup>7</sup> Property Code 318010	<sup>8</sup> Property Name Raider Federal	<sup>9</sup> Well Number 101H

**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
A	21	24S	34E		400	North	660	East	Lea

**<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
P	21	24S	34E		32	South	354	East	Lea

<sup>12</sup> Lse Code	<sup>13</sup> Producing Method Code	<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
	F	Flaring			

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
371960	Lucid 3100 McKinnon Street, Suite 800 Dallas, TX 75201	G
35246	Shell Trading US Company	O

**IV. Well Completion Data**

<sup>21</sup> Spud Date	<sup>22</sup> Ready Date	<sup>23</sup> TD	<sup>24</sup> PBDT	<sup>25</sup> Perforations	<sup>26</sup> DHC, MC
9/13/18	11/8/18	14,055MD/9417TVD	13,954	9,692 - 10,554	
<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	1335	1175		
12-1/4	9-5/8	5383	1110		
8-3/4, 8-1/2	5-1/2	14038	2115		
Request tubing exception					

**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
11/10/18	Flaring	11/24/18	24 hrs		550
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas	<sup>41</sup> Test Method	
64/64	1151	4315	1505	F	

<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: *K.C.*

Printed name:  
Kancia Castillo

Title:  
Sr. Regulatory Analyst

E-mail Address:  
kancia.castillo@cdevinc.com

Date:  
12/04/18

Phone:  
720-499-1537

OIL CONSERVATION DIVISION

Approved by: *Karen Sharp*

Title: *Staff Mgr*

Approval Date: *12-11-18*

Documents pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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.  
NMNM126971

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. RAIDER FEDERAL COM 101H
2. Name of Operator CENTENNIAL RESOURCE PRODUCTION Contact: KANICIA CASTILLO Email: kania.castillo@cdevinc.com		9. API Well No. 30-025-43408
3a. Address 1001 17 STREET SUITE 1800 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 720.499.1537	10. Field and Pool or Exploratory Area RED HILLS-BONE SPRING, N
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T24S R34E Mer NMP NENE 400FNL 660FEL		11. County or Parish, State LEA COUNTY, NM

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**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	Drilling Operations
	<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 must 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 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.

10/28/18 Test production csg to 10,500# for 30 min, good test.  
10/28/18 - 11/03/18 Perf & Frac 19 stages 9,692 - 13,980 w/10,554,978 gals slick water, 12,257,120#  
100 mesh sand. 960 holes.  
11/06/18 Drill plugs out. PBTD @ 13,954.  
11/08/18 Turn well over to production. Flowing on a 64/64 choke.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #446247 verified by the BLM Well Information System For CENTENNIAL RESOURCE PRODUCTION, sent to the Hobbs</b>	
Name (Printed/Typed) KANICIA CASTILLO	Title SR REGULATORY ANALYST
Signature (Electronic Submission)	Date 12/03/2018

**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 _____

Documents pending BLM approvals will  
subsequently be reviewed and scanned

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

(Instructions on page 2)

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

**...-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**

**HOBBS**  
**DEC 07 2018**  
**RECEIVED**

5. Lease Serial No. NMNM126971

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. RAIDER FEDERAL 101H

9. API Well No. 30-025-43408

10. Field and Pool, or Exploratory RED HILLS-BONE SPRING, N

11. Sec., T., R., M., or Block and Survey or Area Sec 21 T24S R34E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 09/13/2018 15. Date T.D. Reached 10/21/2018 16. Date Completed  D & A  Ready to Prod. 11/08/2018 17. Elevations (DF, KB, RT, GL)\* 3533 GL

18. Total Depth: MD 14055 TVD 9417 19. Plug Back T.D.: MD 13954 TVD 13954 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMA RAY 22. Was well cored?  No  Yes (Submit analysis) Was DST run?  No  Yes (Submit analysis) Directional Survey?  No  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
8.750	5.500 HCP110	20.0							
17.500	13.375 J55	54.5		1335		1175			
12.250	9.625 J55	40.0		5383		1110			
8.500	5.500 HCP110	20.0		14038		2115			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) AVALON A	9692	13980	9692 TO 13980	0.410	960	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9692 TO 13980	10,554,978 GALS SLICK WATER, 12,257,120# 100 MESH SAND

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
10/10/2018	11/24/2018	24	→	1151.0	1505.0	4315.0	42.4		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64/64	SI	790.0	→	1151	1505	4315	1308	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	
	SI		→						

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #446772 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED**

Documents 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.)  
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	5430		SHALE	LAMAR	5430
BELL CANYON	5456		SHALE	BELL CANYON	5456
CHERRY CANYON	6375		SANDSTONE, SHALE	CHERRY CANYON	6375
MANZANITA LIME	6593		LIMESTONE	MANZANITA LIME	6593
BRUSHY CANYON	7745		SANDSTONE, SHALE	BRUSHY CANYON	7745
BONE SPRING LIME	9215		LIMESTONE, SHALE	BONE SPRING LIME	9215
AVALON A	9299		SHALE, CARBONATE	AVALON A	9299

**32. Additional remarks (include plugging procedure):  
C102, log and survey 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 #446772 Verified by the BLM Well Information System.  
For CENTENNIAL RESOURCE PRODUCTION, sent to the Hobbs**

Name (please print) KANICIA CASTILLO Title SR REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 12/06/2018

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 \*\***