

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

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

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

<sup>1</sup> Operator name and Address BTA Oil Producers LLC		<sup>2</sup> OGRID Number 260297
		<sup>3</sup> Reason for Filing Code/ Effective Date RT 40,000 / 10/5/2017
<sup>4</sup> API Number 30 - 015 - 43360	<sup>5</sup> Pool Name Purple Sage (Wolfcamp)	<sup>6</sup> Pool Code 98220
<sup>7</sup> Property Code 37294	<sup>8</sup> Property Name Harroun Ranch Fed Com, 20702	<sup>9</sup> Well Number 2H

OCT 06 2017

RECEIVED

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

UL or lot no. M	Section 20	Township 23S	Range 29E	Lot Idn	Feet from the 680	North/South Line South	Feet from the 180	East/West line West	County Eddy
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	----------------

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

UL or lot no. D	Section 17	Township 23S	Range 29E	Lot Idn	Feet from the 29.2	North/South line North	Feet from the 362.9	East/West line West	County Eddy
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	------------------------	------------------------	----------------

<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
------------------------	-------------------------------------	-----------------------------------	-----------------------------------	------------------------------------	-------------------------------------

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
	HOLLY FRONTIER 10 DESTA DR. SUITE 350 W MIDLAN, TX. 79705	O
	SENDERO CARLSBAD MIDSTREAM, LLC 1000 LOUISIANA AVE., SUITE 6900 HOUSTON, TX. 77002	G

**IV. Well Completion Data**

<sup>21</sup> Spud Date 2/7/2017	<sup>22</sup> Ready Date 10/5/2017	<sup>23</sup> TD 21090' MD / 10209' MD	<sup>24</sup> PBDT 21090' MD	<sup>25</sup> Perforations 11200-20800	<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"	345'	375		✓
121/4"	9 5/8"	2743'	955		✓
8 1/2"	7"	10829'	800		
61/8"	41/2"	21090'	765		✓

**V. Well Test Data**

<sup>31</sup> Date New Oil 10/5/2017-Flowing back after Frac	<sup>32</sup> Gas Delivery Date TBD	<sup>33</sup> Test Date 10/5/2017	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure 3250 psi
<sup>37</sup> Choke Size 12/64	<sup>38</sup> Oil 0 (Anticipate 1,500/day)	<sup>39</sup> Water 1,100	<sup>40</sup> Gas 8,000 Mcf (Anticipated)		<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: *Katy Reddell*  
Printed name: Katy Reddell  
Title: Regulatory Analyst  
E-mail Address: kredell@btaoil.com  
Date: 10/5/2017  
Phone: 432-682-3753

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

*Raymond J. Sodary*  
Geologist.

10-13-2017

**Provide tubing detail or  
request Tubing Exception**

Pending BLM approvals will  
subsequently be reviewed  
and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
NM OIL CONSERVATION  
ARTESIA DISTRICTFORM 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.*  
OCT 06 2017**SUBMIT IN TRIPLICATE - Other instructions on page 2** RECEIVED

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM119271
2. Name of Operator BTA OIL PRODUCERS LLC Contact: KATY REDDELL E-Mail: Kreddell@btaoil.com		6. If Indian, Allottee or Tribe Name
3a. Address 104 S PECOS MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-682-3753 Ext: 139	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T23S R29E		8. Well Name and No. HARROUN RANCH FEDERAL COM 2070 21
		9. API Well No. 30-015-43360
		10. Field and Pool or Exploratory Area PURPLE SAGE, WOLFCAMP
		11. County or Parish, State EDDY 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	Hydraulic Fracture
	<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.

08/30/2017 to 09/19/2017: MIRU replacement FTSL WL unit. Prime up pumps and pressure test frac iron. Perforate Lower Wolfcamp Shale 11,200' - 20,800'. 438,128 bbls total fluids and 20,279,912 #s of 100mesh and 40/70 Sand.

09/28/2017 - 10/05/2017: Drillout frac plugs.

10/05/2017: Start flowing back and testing.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #391101 verified by the BLM Well Information System For BTA OIL PRODUCERS LLC, sent to the Carlsbad</b>	
Name (Printed/Typed) KATY REDDELL	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 10/06/2017

## 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.	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 knowing States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction	Office _____
(Instructions on page 2)	dated _____

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

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 IN BLM OIL CONSERVATION**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**

OCT 06 2017

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		RECEIVED	5. Lease Serial No. NM119271
2. Name of Operator BTA OIL PRODUCERS LLC			6. If Indian, Allottee or Tribe Name
3a. Address 104 S PECOS MIDLAND, TX 79701		Contact: KATY REDDELL E-Mail: Kreddell@btaoil.com	7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-682-3753 Ext: 139			8. Well Name and No. HARROUN RANCH FEDERAL COM 2070 21
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T23S R29E 680FSL 180FWL			9. API Well No. 30-015-43360
			10. Field and Pool or Exploratory Area PURPLE SAGE, WOLFCAMP
			11. County or Parish, State EDDY 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	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 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.

02/07/2017 Spud well.

02/08/2017 Drilled 17-1/2" hole to 345'. Set 13-3/8 54.5# J-55 csg @ 345'. Cement with 375 sx class  
C. Cmt circulated to surface. WOC 18 hrs and test csg to 1500 psi for 30 min. Good test.

02/11/2017 Drilled 12-1/4" hole to 2743'. Set 9-5/8" 36# J-55 csg @ 2743'. Cement with 955 sx class  
C. Cmt circulated to surface. WOC 18 hrs and test csg 1500 psi for 30 min. Good test.

02/19/2017 Drilled 8-3/4" hole to 10845'. Set 7" 29# P-110 TXP-BTC csg @ 10829' Cement with 800 sx.  
Cmt circulated to surface. Test 7" csg shoe to 13ppg . Good test.

03/09/2017 Drilled 6-1/8 hole to 21090'. Set 4-1/2" (13.5# P-110 TXP-BTC) liner Csg 10244'-21090'

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

**Electronic Submission #391027 verified by the BLM Well Information System  
For BTA OIL PRODUCERS LLC, sent to the Carlsbad**

Name (Printed/Typed) KATY REDDELL	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 10/05/2017

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title Pending BLM approvals will subsequently be reviewed and scanned
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 knowing States any false, fictitious or fraudulent statements or representations as to any matter within its jurisc

10-12-17

nited

(Instructions on page 2)

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

**Additional data for EC transaction #391027 that would not fit on the form**

**32. Additional remarks, continued**

with 765 sx cement. WOC. Set liner top, cmt circulated to surface. Test liner top to 1000 psi for 30 min. Good test.

03/10/2017 Rig released.