

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<br>BTA OIL PRODUCERS, LLC |  | <sup>2</sup> OGRID Number 260297                                |
|  |  | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NEW WELL |
| <sup>4</sup> API Number<br>30 - 025-44297                        | <sup>5</sup> Pool Name RED HILLS BONE SPRING, UPP<br>BOBCAT DRAW, UPP WC | <sup>6</sup> Pool Code 02900<br>98094                           |
| <sup>7</sup> Property Code<br>320924                             | <sup>8</sup> Property Name<br>ROJO 7811 22 FED COM                       | <sup>9</sup> Well Number<br>18H                                 |

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 |
|--------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| K            | 34      | 25S      | 33E   |         | 2504          | SOUTH            | 1980          | WEST           | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C             | 27      | 25S      | 33E   |         | 54.4          | NORTH            | 2258.7        | WEST           |        |

| <sup>12</sup> Lse Code | <sup>13</sup> Producing Method Code<br>FLOWING | <sup>14</sup> Gas Connection Date<br>8/13/2019 | <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 |
|---------------------------------|--|---------------------|
| 34053                           | PLAINS MARKETING LP<br>P.O. BOX 4648<br>HOUSTON, TX 77210-4648               |                     |
|                                 | ETC FIELD SERVICES LLC<br>8111 WESTCHESTER DR., STE 600<br>DALLAS, TX. 75225 |                     |
|                                 |  |                     |
|                                 |  |                     |
|                                 |  |                     |
|                                 |  |                     |

IV. Well Completion Data

| <sup>21</sup> Spud Date<br>3/23/2019 | <sup>22</sup> Ready Date<br>8/6/2019 | <sup>23</sup> TD<br>20,102         | <sup>24</sup> PBDT | <sup>25</sup> Perforations<br>12,575 - 19,902 | <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 |
| 14 1/2"                              |                                      | 10 1/2"                            |                    | 1,130'  | 765                        |
| 9 7/8"                               |                                      | 7 5/8"                             |                    | 11,782  | 2,030                      |
| 6 1/2"                               |                                      | 5 1/2" X 5"                        |                    | 20,102  | 1,610                      |
|                                      |                                      |                                    |                    |   |                            |

V. Well Test Data

| <sup>31</sup> Date New Oil<br>8/7/2019 | <sup>32</sup> Gas Delivery Date<br>8/13/2019 | <sup>33</sup> Test Date<br>9/5/2019 | <sup>34</sup> Test Length<br>24 HOUR | <sup>35</sup> Tbg. Pressure<br>3500 | <sup>36</sup> Csg. Pressure<br>2500  |
|--|--|-------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|
| <sup>37</sup> Choke Size<br>24/64      | <sup>38</sup> Oil<br>887                     | <sup>39</sup> Water<br>2284         | <sup>40</sup> Gas<br>1519            |                                     | <sup>41</sup> Test Method<br>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:  
kreddell@braoil.com

Date:  
9/18/2019  
Phone:  
432-682-3753

OIL CONSERVATION DIVISION

Approved by:  
*[Signature]*

Title:  
*L.N.*

Approval Date:  
*9/24/2019*

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.  
NMNM05792

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
ROJO 7811 34-27 FEDERAL COM 18H

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  
BTA OIL PRODUCERS, LLC

Contact: KATY REDDELL  
E-Mail: kreddell@btaoil.com

3. Address 104 S. PECOS  
MIDLAND, TX 79701

3a. Phone No. (include area code)  
Ph: 432-682-3753 Ext: 139

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 34 T25S R33E Mer  
At surface NENW 2504FSL 1980FWL 32.086642 N Lat, 103.562346 W Lon  
Sec 34 T25S R33E Mer  
At top prod interval reported below NENW 2504FSL 1980FWL 32.086642 N Lat, 103.562346 W Lon  
Sec 27 T25S R33E Mer  
At total depth 54.4FNL 2258FWL 32.108635 N Lat, 103.561499 W Lon

9. API Well No.  
30-025-44297

10. Field and Pool, or Exploratory  
RED HILLS/UPPER BNSPR SHA

11. Sec., T., R., M., or Block and Survey  
or Area Sec 34 T25S R33E Mer

12. County or Parish  
LEA

13. State  
NM

14. Date Spudded  
03/23/2019

15. Date T.D. Reached  
05/03/2019

16. Date Completed  
 D & A  Ready to Prod.  
08/06/2019

17. Elevations (DF, KB, RT, GL)\*  
3323 GL

18. Total Depth: MD 20102 TVD 12409

19. Plug Back T.D.: MD TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
MWD GAMMA 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 |
|-----------|-------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 14.750    | 10.750 J-55 | 40.5        |          | 1130        |                      | 765                         |                   | 0           |               |
| 9.875     | 7.625 P-110 | 29.7        |          | 11782       |                      | 2030                        |                   | 0           |               |
| 6.750     | 5.500 P-110 | 18.0        |          | 20102       |                      | 1610                        |                   | 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 | 11474          | 11474             |      |                |                   |      |                |                   |

25. Producing Intervals

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-----------|-----|--------|---------------------|------|-----------|--------------|
| A)        |     |        | 15386 TO 19902      |      |           | FRAC         |
| B)        |     |        |                     |      |           |              |
| C)        |     |        |                     |      |           |              |
| D)        |     |        |                     |      |           |              |

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

| Depth Interval | Amount and Type of Material                          |
|----------------|--|
| 15386 TO 19902 | 400.079 BBLs FLUID; 18.09MM#S 100MESH AND 40/70 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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 08/06/2019          | 09/05/2019        | 24           | →               | 887.0   | 1519.0  | 2284.0    | 43.0                  |             | FLOWS FROM WELL   |
| Choke Size          | Tbg. Press. Flwg. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
| 24/64               | SI 3500           | 2500.0       | →               | 887     | 1519    | 2284      |                       | 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. | 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 #484076 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

HOBBS OCD  
OCT 07 2019  
RECEIVED

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  |
| BONE SPRING | 9099 |        |                              | RUSTLER<br>TOP SALT<br>BASE SALT<br>DELAWARE<br>BELL CANYON<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRING | 2619<br>2714<br>4757<br>4994<br>5192<br>6259<br>7522<br>9099 |

32. Additional remarks (include plugging procedure):

FIRST BONE SPRING SAND: 10,064  
 SECOND BONE SPRING SAND: 10,638  
 THIRD BONE SPRING CARBONATE: 11,092  
 THIRD BONE SPRING SAND: 11,710

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 #484076 Verified by the BLM Well Information System.  
 For BTA OIL PRODUCERS, LLC, sent to the Hobbs**

Name (please print) KATY REDDELL Title REGULATORY ANALYST

Signature (Electronic Submission) Date 09/19/2019

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 \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**HOBBS OCD**

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.*

OCT 07 2019

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

|  |  |   |
|--|--|---|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other                     |  | 5. Lease Serial No.<br>NMNM05792                                    |
| 2. Name of Operator<br>BTA OIL PRODUCERS, LLC<br>Contact: KATY REDDELL<br>E-Mail: kredell@btaoil.com   |  | 6. If Indian, Allottee or Tribe Name                                |
| 3a. Address<br>104 S. PECOS<br>MIDLAND, TX 79701   | 3b. Phone No. (include area code)<br>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)<br>Sec 34 T25S R33E NENW 2504FSL 1980FWL<br>32.086642 N Lat, 103.562346 W Lon |  | 8. Well Name and No.<br>ROJO 7811 34-27 FEDERAL COM 18H             |
|  |  | 9. API Well No.<br>30-025-44297                                     |
|  |  | 10. Field and Pool or Exploratory Area<br>RED HILLS/UPPER BNSPR SHA |
|  |  | 11. County or Parish, State<br>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 checked="" 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 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 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 checked="" 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 recomplate 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 recomplate 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.

BTA OIL PRODUCERS, LLC RESPECTFULLY REQUESTS THE APPROVAL FOR WATER DISPOSAL FROM ROJO 7811 34-27 FEDERAL COM 18H. THE FORMATION PRODUCING THE WATER IS UPPER BONESPRING. RED HILLS/UPPER BONESPRING SHALE. THE AMOUNT OF WATER PRODUCED FROM RED HILLS/UPPER BONESPRING SHALE IS 4,500 BBL/DAY. THE WATER IS STORED ADJACENT TO THE CENTRAL TANK BATTERY IN FOUR WATER TANKS. THE WATER IS THEN PIPED TO THE MESQUITE VACA DRAW FED SWD #1 WELL. VACA DRAW FEDERAL SWD WELL NO. 1 (API 30-025-23895) IS LOCATED 657.5 FEET FROM THE SOUTH LINE AND 661.5 FEET FROM THE EAST LINE, UNIT P OF SECTION 21, TOWNSHIP 25 SOUTH AND RANGE 33 EAST, NMPM, LEA COUNTY NM.

|  |                          |
|--|--------------------------|
| 14. I hereby certify that the foregoing is true and correct.<br><b>Electronic Submission #484068 verified by the BLM Well Information System<br/>For BTA OIL PRODUCERS, LLC, sent to the Hobbs</b> |                          |
| Name (Printed/Typed) KATY REDDELL  | Title REGULATORY ANALYST |
| Signature (Electronic Submission)  | Date 09/19/2019          |

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

|   |             |              |
|---|-------------|--------------|
| Approved By _____   | Title _____ | Date _____   |
| 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.

(Instructions on page 2)

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

**Additional data for transaction #484076 that would not fit on the form**

32. Additional remarks, continued

WOLFCAMP: 12,176



**Quintana Energy Services**

Quintana Energy Services  
13000 W. Hwy 80 East  
Odessa TX, 79765

**Rojo 7811 34-27 Fed Com 18H**

**Scale 5":100' - MD**

**4/30/2019 12:46 AM**

**HOBBS OCD**  
**OCT 07 2019**  
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**Oper. Company:** BTA Oil Producers LLC.  
**Well:** Rojo 7811 34-27 Fed Com 18H  
**Field:** Wolfcamp  
**Rig:** Patterson 566  
**Well ID:** 30-025-44297  
**Job Number:** WT-190524

**State:** NM  
**County:** Lea Co.,  
**Country:** United States of America  
**Location:** Sec 34, T25-S, R33-E  
**Start Date:** 04/09/2019 12:00:00  
**End Date:** 04/30/2019 00:30:00

**Latitude:** 32° 5' 11.910 N  
**Longitude:** 103° 33' 44.445 W

**Elev GL:** 3,323'  
**Elev DF:** 3,348'  
**Elev KB:** 3,348'

**Operator 1:** D. Andersson

**Operator 2:** R. Sullivan

| Tool Run Data      | Run #1    | Run #2    | Run #3      | Run #4 | Run #5  |
|--------------------|-----------|-----------|-------------|--------|---------|
| Tool S/N           | 857 DETEQ | 383CBG    |             |        |         |
| Bit Size           | 9 7/8     | 6 3/4     |             |        |         |
| Cal Factor         | 5.13      | 2.5       |             |        |         |
| Survey Offset      | 50.00     | 56.00     |             |        |         |
| Gamma Offset       | 38.00     | 44.00     |             |        |         |
| Resistivity Offset | 0.00      | 0.00      |             |        |         |
| Start Depth        | 4900.00   | 11795.00  |             |        |         |
| StartDate          | 4/9/2019  | 4/29/2019 |             |        |         |
| StartTime          | 12:00     | 17:39     |             |        |         |
| EndDepth           | 11795.00  | 20110.00  |             |        |         |
| EndDate            | 4/15/2019 | 4/30/2019 |             |        |         |
| EndTime            | 09:30     | 00:30     |             |        |         |
| Mud Type           | WBM       | OBM       |             |        |         |
| Mud Weight         | 9.2       | 12.7      |             |        |         |
| Funnel Viscosity   | 56        | 52        |             |        |         |
| Chlorides          | 186000    | 39000     |             |        |         |
| Temperature        | 153       | 211       |             |        |         |
| Hole Data          |           |           | Casing Data |        |         |
| Size               | From      | To        | Size        | From   | To      |
| 14 3/4             | 80.00     | 1135.00   | 24          | 0.00   | 80.00   |
| 9 7/8              | 1135.00   | 11795.00  | 10 3/4      | 0.00   | 1135.00 |
| 6 3/4              | 11795.00  | 20110.00  |             |        |         |

*All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not except in the case of gross or willful negligence on our part, be liable or responsible for any loss, cost damages or expenses incurred or sustained by anyone resulting from an interpretation made by any of our officers, agents, or employees.*

