

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>Cimarex Energy Co. of Colorado<br>600 N. Marienfeld St., Ste. 600<br>Midland, TX 79701 |                                                | <sup>2</sup> OGRID Number<br>215099                                   |
|                                                                                                                                  |                                                | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW – 5/11/2015 |
| <sup>4</sup> API Number<br>30 -015- 42352                                                                                        | <sup>5</sup> Pool Name<br>Wildcat; Cisco       | <sup>6</sup> Pool Code<br>97851                                       |
| <sup>7</sup> Property Code<br>40512                                                                                              | <sup>8</sup> Property Name<br>BURTON 6 FEDERAL | <sup>9</sup> Well Number<br>2H                                        |

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

|                    |              |                 |              |         |                      |                           |                       |                        |                |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|
| Ul or lot no.<br>C | Section<br>6 | Township<br>20S | Range<br>30E | Lot Idn | Feet from the<br>475 | North/South Line<br>North | Feet from the<br>1500 | East/West line<br>West | County<br>Eddy |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|

<sup>11</sup> Bottom Hole Location

|                    |              |                 |              |         |                      |                           |                       |                        |                |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|
| UL or lot no.<br>N | Section<br>6 | Township<br>20S | Range<br>30E | Lot Idn | Feet from the<br>660 | North/South line<br>South | Feet from the<br>1980 | East/West line<br>West | County<br>Eddy |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|

|                             |                                             |                                                   |                                   |                                    |                                     |
|-----------------------------|---------------------------------------------|---------------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method<br>Code<br>P | <sup>14</sup> Gas Connection<br>Date<br>5/29/2015 | <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

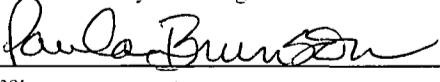

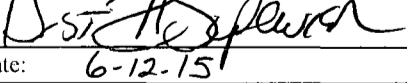
|                                    |                                                                   |                     |
|------------------------------------|-------------------------------------------------------------------|---------------------|
| <sup>18</sup> Transporter<br>OGRID | <sup>19</sup> Transporter Name<br>and Address                     | <sup>20</sup> O/G/W |
| 21778                              | Sunoco Inc. R & M<br>P O Box 2039; Tulsa OK                       |                     |
| 226737                             | DCP Mistream<br>370 17th St, Ste 2500; Denver CO                  |                     |
|                                    | NM OIL CONSERVATION<br>ARTESIA DISTRICT<br>JUN 3 2015<br>RECEIVED |                     |

IV. Well Completion Data


|                                       |                                       |                           |                             |                                           |                       |
|---------------------------------------|---------------------------------------|---------------------------|-----------------------------|-------------------------------------------|-----------------------|
| <sup>21</sup> Spud Date<br>11/28/2014 | <sup>22</sup> Ready Date<br>5/11/2015 | <sup>23</sup> TD<br>14303 | <sup>24</sup> PBDT<br>14210 | <sup>25</sup> Perforations<br>10250-14185 | <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  |                                           |                       |
| 26                                    | 20                                    | 410                       | 1200                        |                                           |                       |
| 17 1/2                                | 13 3/8                                | 1649                      | 1300                        |                                           |                       |
| 12 1/4                                | 9 5/8                                 | 3384                      | 600                         |                                           |                       |
| 8 3/4                                 | 7                                     | 10501                     | 1200                        |                                           |                       |
| 6                                     | 4.5                                   | 14303                     | 320 TOC @ 9789              |                                           |                       |
|                                       | 2 7/8                                 | 9749                      |                             |                                           |                       |

V. Well Test Data

|                                         |                                              |                                      |                                     |                                    |                                     |
|-----------------------------------------|----------------------------------------------|--------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|
| <sup>31</sup> Date New Oil<br>5/18/2015 | <sup>32</sup> Gas Delivery Date<br>5/29/2015 | <sup>33</sup> Test Date<br>5/31/2015 | <sup>34</sup> Test Length<br>24 hrs | <sup>35</sup> Tbg. Pressure<br>325 | <sup>36</sup> Csg. Pressure<br>1000 |
| <sup>37</sup> Choke Size<br>39          | <sup>38</sup> Oil<br>358                     | <sup>39</sup> Water<br>1300          | <sup>40</sup> Gas<br>837            |                                    | <sup>41</sup> Test Method           |

|                                                                                                                                                                                                                                                                                                            |                        |                                                                                                                                                                                                                                                         |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <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.<br>Signature:  |                        | OIL CONSERVATION DIVISION<br>Approved by: <br>Title: <br>Approval Date: 6-12-15 |  |
| Printed name:<br>Paula Brunson                                                                                                                                                                                                                                                                             |                        |                                                                                                                                                                                                                                                         |  |
| Title: Regulatory Compliance                                                                                                                                                                                                                                                                               |                        |                                                                                                                                                                                                                                                         |  |
| E-mail Address: pbrunson@cimarex.com                                                                                                                                                                                                                                                                       |                        |                                                                                                                                                                                                                                                         |  |
| Date:<br>6/1/2015                                                                                                                                                                                                                                                                                          | Phone:<br>432-571-7848 |                                                                                                                                                                                                                                                         |  |

Provide signature page for survey

Pending BLM approvals will  
subsequently be reviewed  
and scanned 

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.*

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

5. Lease Serial No.  
NMNM124659

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
BURTON 6 FEDERAL 2H

9. API Well No.  
30-015-42352

10. Field and Pool, or Exploratory  
WILDCAT; CISCO

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

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
CIMAREX ENERGY COMPANY

Contact: PAULA BRUNSON  
E-Mail: pbrunson@cimarex.com

3a. Address  
600 N MARIENFELD STE 600  
MIDLAND, TX 79701

3b. Phone No. (include area code)  
Ph: 432-571-7848

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 6 T20S R30E 475FNL 1500FWL

**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       | 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 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.)

1/22/15. Test 7-1/16 in. 10K master valve to 10K psi. Test good. TOC @ 9789.  
4/17/15. Test 4-1/2 csg to 9000 psi for 30 min. Test good.  
4/17/15 to 5/3/15. Perf Cisco Canyon 10250-14185, .48 hole size, 480 total holes. Frac with 173,313 bbls frac fluid, 5,850,503 lbs sand.  
5/4/15. Mill plugs. Wash to PBTD @ 14210.  
5/10/15. RIH w/ 2-7/8 6.5# L80 tubing and packer, set @ 9749. GLVs @ 2041, 3471, 4252, 4901, 5551, 6201, 6852, 7505, 8093, 8712, 9263, 9716. Flow well.  
5/11/15. Turn to Production.

Accepted for record  
JED NMOC 6/12/15

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

Electronic Submission #301733 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (Printed/Typed) PAULA BRUNSON

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 05/14/2015

**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.

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

JUN 3 2015

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

|                                                                                                                                                                                                                                     |  |  |                                                                                                                                                                                                                                                                                                                              |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other                                                                         |  |  | 5. Lease Serial No.<br>NMNM124659                                                                                                                                                                                                                                                                                            |  |  |
| 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.<br>Other _____       |  |  | 6. If Indian, Allottee or Tribe Name                                                                                                                                                                                                                                                                                         |  |  |
| 2. Name of Operator<br>CIMAREX ENERGY COMPANY    Contact: PAULA BRUNSON<br>E-Mail: pbrunson@cimarex.com                                                                                                                             |  |  | 7. Unit or CA Agreement Name and No.                                                                                                                                                                                                                                                                                         |  |  |
| 3. Address    600 N MARIENFELD STE 600<br>MIDLAND, TX 79701                                                                                                                                                                         |  |  | 8. Lease Name and Well No.<br>BURTON 6 FEDERAL 2H                                                                                                                                                                                                                                                                            |  |  |
| 3a. Phone No. (include area code)<br>Ph: 432-571-7848                                                                                                                                                                               |  |  | 9. API Well No.<br>30-015-42352                                                                                                                                                                                                                                                                                              |  |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br><br>At surface    475FNL 1500FWL<br><br>At top prod interval reported below    475FNL 1500FWL<br><br>At total depth    663FSL 1969FWL |  |  | 10. Field and Pool, or Exploratory<br>WILDCAT; CISCO                                                                                                                                                                                                                                                                         |  |  |
| 14. Date Spudded<br>11/28/2014                                                                                                                                                                                                      |  |  | 11. Sec., T., R., M., or Block and Survey<br>or Area    Sec 6 T20S R30E Mer                                                                                                                                                                                                                                                  |  |  |
| 15. Date T.D. Reached<br>12/28/2014                                                                                                                                                                                                 |  |  | 12. County or Parish<br>EDDY                                                                                                                                                                                                                                                                                                 |  |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>05/11/2015                                                                                                               |  |  | 13. State<br>NM                                                                                                                                                                                                                                                                                                              |  |  |
| 17. Elevations (DF, KB, RT, GL)*<br>3292 GL                                                                                                                                                                                         |  |  | 18. Total Depth:    MD    14303<br>TVD    10445                                                                                                                                                                                                                                                                              |  |  |
| 19. Plug Back T.D.:    MD    14210<br>TVD                                                                                                                                                                                           |  |  | 20. Depth Bridge Plug Set:    MD<br>TVD                                                                                                                                                                                                                                                                                      |  |  |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)                                                                                                                                                                 |  |  | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Directional Survey? <input checked="" type="checkbox"/> No <input 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 Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 26.000    | 20.000 J55 | 94.0        | 0        | 410         |                      | 1200                        |                   | 0           | 78            |
| 17.500    | 13.375 J55 | 54.5        | 0        | 1649        |                      | 1300                        |                   | 0           | 70            |
| 12.250    | 9.625 J55  | 36.0        | 0        | 3384        | 1750                 | 600                         |                   | 0           | 117           |
| 8.750     | 7.000 P110 | 32.0        | 0        | 10501       |                      | 1200                        |                   | 0           | 283           |
| 6.000     | 4.500 P110 | 13.5        | 9789     | 14303       |                      | 320                         |                   | 9789        |               |

**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 | 9749           | 9749              |      |                |                   |      |                |                   |

**25. Producing Intervals**

| Formation       | Top   | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|-----------------|-------|--------|---------------------|-------|-----------|--------------|
| A) CISCO CANYON | 10259 | 14185  | 10250 TO 14185      | 0.480 | 480       | OPEN         |
| B)              |       |        |                     |       |           |              |
| C)              |       |        |                     |       |           |              |
| D)              |       |        |                     |       |           |              |

**26. Perforation Record**

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

| Depth Interval | Amount and Type of Material                 |
|----------------|---------------------------------------------|
| 10250 TO 14185 | 173,313 BBLS FRAC FLUID; 5,850,503 LBS 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 05/18/2015          | 05/31/2015           | 24           | →               | 358.0   | 837.0   | 1300.0    | 49.2                  |             | GAS LIFT          |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
| 39                  | 325                  | 1000.0       | →               | 358     | 837     | 1300      | 2337                  |             |                   |

**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 |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

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

ELECTRONIC SUBMISSION #303510 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

UO 6/12/15  
Accepted for record  
NMOCD

## 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.)  
CAPTURED

## 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 |
|---------------|------|--------|------------------------------|-------------|-----------------|
| BELL CANYON   | 3520 | 4720   | WATER                        | TANSILL     | 1340            |
| CHERRY CANYON | 4720 | 5400   | WATER                        | YATES       | 1455            |
| BRUSHY CANYON | 5400 | 6135   | WATER                        | DELAWARE    | 3520            |
| BONE SPRING   | 6135 | 9513   | WATER, OIL, GAS              | BONE SPRING | 6135            |
| WOLFCAMP      | 9513 | 9950   | WATER, OIL, GAS              | WOLFCAMP    | 9513            |
| CISCO         | 9950 | 14303  | WATER, OIL, GAS              | CISCO       | 9950            |

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

Attachments:  
C-102 As-Drilled Plat  
EOW Survey  
C-104 Request for Allowable

LRD 6/12/15  
Accepted for record  
NMOC

## 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 #303510 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (please print) PAULA BRUNSON

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 06/01/2015

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 \*\*