

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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<br>1b. 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. Resrv.,<br>Other: _____  |   |                   |                     |  |                             | 5. Lease Serial No.<br>LC 029415 B   |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
|---|---|-------------------|---------------------|--|-----------------------------|--|-----------------------|---|-----------------------|-----------------------------|---|-------------------|--|-----------------------------|-----------|----|---------|---------------|-------|-----------|---------------|------------------------|---------|------------------------------|---------|----|---------|-------|-------|-----------|-----|---------|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------------------|--|--|--|
| 2. Name of Operator<br>Hudson Oil Company of Texas  |   |                   |                     |  |                             | 6. If Indian, Allottee or Tribe Name<br><br>7. Unit or CA Agreement Name and No.           |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| 3. Address 616 Texas Street<br>Fort Worth, Texas 76102  |   |                   |                     | 3a. Phone No. (include area code)<br>(817) 336-7109  |                             | 8. Lease Name and Well No.<br>Puckett North #16  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>1980' FNL & 660' FEL Unit "H"<br>At surface same<br>At top prod. interval reported below<br>At total depth same   |   |                   |                     | <div style="border: 2px solid black; padding: 10px; width: fit-content; margin: 0 auto;"> <b>RECEIVED</b><br/> <b>JAN 30 2013</b><br/> <b>NMOCD ARTESIA</b> </div>   |                             | 9. AFI Well No.<br>30-015-40712  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| 14. Date Spudded<br>10/08/2012  |   |                   |                     |  |                             | 15. Date T.D. Reached<br>10/13/2012  |                       | 10. Field and Pool or Exploratory<br>Maljamar/Grayburg/San Andres |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| 18. Total Depth: MD 4344'<br>TVD 4344'  |   |                   |                     | 19. Plug Back T.D.: MD NA<br>TVD NA  |                             | 11. Sec., T., R., M., on Block and<br>Survey or Area Section 12<br>Township 17S, Range 31E |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>DSN, SD DL, MG BHCS  |   |                   |                     | 20. Depth Bridge Plug Set: MD NA<br>TVD  |                             | 12. County or Parish<br>Eddy   |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| 23. Casing and Liner Record (Report all strings set in well)  |   |                   |                     | 16. Date Completed 12/07/2012<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.   |                             | 13. State<br>NM  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| 25. Producing Intervals   |   |                   |                     | 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 report)<br>Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy) |                             |  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Hole Size</th> <th>Size/Grade</th> <th>Wt. (#/ft.)</th> <th>Top (MD)</th> <th>Bottom (MD)</th> <th>Stage Cementer Depth</th> <th>No. of Sk. &amp; Type of Cement</th> <th>Slurry Vol. (BBL)</th> <th>Cement Top*</th> <th>Amount Pulled</th> </tr> </thead> <tbody> <tr> <td>12 1/4</td> <td>8.625 J55</td> <td>24</td> <td>surface</td> <td>820'</td> <td>774'</td> <td>450 sx PP</td> <td>112</td> <td>surface</td> <td></td> </tr> <tr> <td>7 7/8</td> <td>5.5 J55</td> <td>17</td> <td>surface</td> <td>4308'</td> <td>4261'</td> <td>950 sx PP</td> <td>121</td> <td>surface</td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> |   |                   |                     | 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  | 12 1/4                      | 8.625 J55 | 24 | surface | 820'          | 774'  | 450 sx PP | 112           | surface                |         | 7 7/8                        | 5.5 J55 | 17 | surface | 4308' | 4261' | 950 sx PP | 121 | surface |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 24. Tubing Record |  |  |  |
| 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         |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| 12 1/4  | 8.625 J55   | 24                | surface             | 820'   | 774'                        | 450 sx PP  | 112                   | surface   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| 7 7/8   | 5.5 J55   | 17                | surface             | 4308'  | 4261'                       | 950 sx PP  | 121                   | surface   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
|   |   |                   |                     |  |                             |  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
|   |   |                   |                     |  |                             |  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
|   |   |                   |                     |  |                             |  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
|   |   |                   |                     |  |                             |  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
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| Size  | Depth Set (MD)  | Packer Depth (MD) | Size                | Depth Set (MD)   | Packer Depth (MD)           | Size   | Depth Set (MD)        | Packer Depth (MD)   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| 2.375   |   |                   |                     |  |                             |  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
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| Formation   | Top   | Bottom            | Perforated Interval | Size   | No. Holes                   | Perf. Status   |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| A) Grayburg   | 3426'   | 3722'             | 3503' - 3706'       |  | 32                          | OPEN   |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| B) San Andres   | 3722'   | TD                | 3774' - 4185'       |  | 38                          | OPEN   |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| C)  |   |                   |                     |  |                             |  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| D)  |   |                   |                     |  |                             |  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
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| Depth Interval  | Amount and Type of Material   |                   |                     |  |                             |  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| 3503' - 3706'   | 1500 gallons 15% NEFE   |                   |                     |  |                             |  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| 3774' - 4185'   | 2500 gallons 15% NEFE   |                   |                     |  |                             |  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| 3503' - 3706'   | Frac with 9,441 Bbls slick water and 10,000# 100 Mesh Sand & 114,400# 40/70 Sand for a total of 124,400#'s Sand |                   |                     |  |                             |  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| 3774' - 4185'   | Frac with 8,799 Bbls slick water and 750# 100 Mesh Sand & 47,000# 40/70 Sand for a total of 47,750#'s Sand      |                   |                     |  |                             |  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Date First Produced</th> <th>Test Date</th> <th>Hours Tested</th> <th>Test Production</th> <th>Oil BBL</th> <th>Gas MCF</th> <th>Water BBL</th> <th>Oil Gravity Corr. API</th> <th>Gas Gravity</th> <th>Production Method</th> </tr> </thead> <tbody> <tr> <td>11/20/12</td> <td>12/12/12</td> <td>24</td> <td>→</td> <td>71</td> <td>0</td> <td>179</td> <td>38.5</td> <td>.981</td> <td>Pumping</td> </tr> </tbody> </table>   |   |                   |                     | Date First Produced  | Test Date                   | Hours Tested   | Test Production       | Oil BBL   | Gas MCF               | Water BBL                   | Oil Gravity Corr. API   | Gas Gravity       | Production Method  | 11/20/12                    | 12/12/12  | 24 | →       | 71            | 0     | 179       | 38.5          | .981                   | Pumping | 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     |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
| 11/20/12  | 12/12/12  | 24                | →                   | 71   | 0                           | 179  | 38.5                  | .981  | Pumping               |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
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| Date First Produced   | Test Date   | Hours Tested      | Test Production     | Oil BBL  | Gas MCF                     | Water BBL  | Oil Gravity Corr. API | Gas Gravity   | Production Method     |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |
|   |   |                   | →                   |  |                             |  |                       |   |                       |                             |   |                   |  |                             |           |    |         |               |       |           |               |                        |         |                              |         |    |         |       |       |           |     |         |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                   |  |  |  |

\*(See instructions and spaces for additional data on page 2)

**RECLAMATION**  
**DUE 6-7-13**

**ACCEPTED FOR RECORD**

JAN 26 2013

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

jmw

## 28b. Production - Interval C

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio            | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio            | Well Status |                   |

## 29. Disposition of Gas (Solid, used for fuel, vented, etc.)

Sold - Frontier Sales Line

## 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 |
| Salt       | 919'  | 1902'  | SALT                         |      | 919'        |
| Grayburg   | 3426' | 3722'  | Dolomite and Sand            |      | 3426'       |
| San Andres | 3722' | TD     | Dolomite and Sand            |      | 3722'       |

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

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) E. Randall Hudson III

Title President

Signature

Date 01/16/2013

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.

(Continued on page 3)

(Form 3160-4, page 2)