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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                         |                                                  |                                                     |
|-----------------------------------------|--------------------------------------------------|-----------------------------------------------------|
| <sup>1</sup> API Number<br>30-015-44671 | <sup>2</sup> Pool Code<br>97917                  | <sup>3</sup> Pool Name<br>Dodd; Glorieta-Upper Yeso |
| <sup>4</sup> Property Code<br>308195    | <sup>5</sup> Property Name<br>DODD FEDERAL UNIT  |                                                     |
| <sup>7</sup> OGRID NO.<br>229137        | <sup>8</sup> Operator Name<br>COG OPERATING, LLC |                                                     |
|                                         |                                                  | <sup>6</sup> Well Number<br>915H                    |
|                                         |                                                  | <sup>9</sup> Elevation<br>3574'                     |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M             | 10      | 17S      | 29E   |         | 695           | SOUTH            | 1110          | WEST           | EDDY   |

<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North South line | Feet from the | East West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P             | 11      | 17S      | 29E   |         | 330           | SOUTH            | 220           | EAST           | EDDY   |

|                                      |                               |                                  |                        |
|--------------------------------------|-------------------------------|----------------------------------|------------------------|
| <sup>12</sup> Dedicated Acres<br>280 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No |
|--------------------------------------|-------------------------------|----------------------------------|------------------------|

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

|                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>GEODETIC DATA</b><br/>NAD 83 GRID - NM EAST<br/><br/><b>SURFACE LOCATION</b><br/>N: 670798.9 E: 622928.8<br/>LAT: 32.84376902° N<br/>LONG: 104.06766425° W<br/><br/><b>BOTTOM HOLE</b><br/>N: 670435.5 E: 632174.5<br/>LAT: 32.84270270° N<br/>LONG: 104.03756289° W</p>                       | <p><b>CORNER DATA</b><br/>NAD 83 GRID - NM EAST<br/>A: FOUND 1/2" REBAR<br/>N: 670102.9 E: 621822.7<br/>B: FOUND BRASS CAP "1914"<br/>N: 672745.1 E: 621808.9<br/>C: FOUND BRASS CAP "1914"<br/>N: 675385.4 E: 621807.5<br/>D: FOUND BRASS CAP "1914"<br/>N: 675387.2 E: 624453.5<br/>E: FOUND 1/2" REBAR<br/>N: 675393.5 E: 62709.5<br/>F: FOUND BRASS CAP "1914"<br/>N: 675386.4 E: 629732.7</p> | <p>G: FOUND BRASS CAP "1914"<br/>N: 675386.0 E: 632379.4<br/>H: FOUND " STEEL PIPE<br/>N: 672745.8 E: 632368.8<br/>I: FOUND BRASS CAP "1914"<br/>N: 670105.4 E: 632395.3<br/>J: FOUND 5/8" REBAR<br/>N: 670108.2 E: 627111.4<br/>K: FOUND BRASS CAP "1914"<br/>N: 672752.3 E: 627098.9<br/><br/><b>CALCULATED POINTS</b><br/>1: N 671424.0 E 627815.8<br/>2: N 671430.3 E 627105.1<br/>3: N 671425.6 E 632392.0</p> | <p><b>OPERATOR CERTIFICATION</b><br/>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.<br/><br/>Signature: <u>Robyn M. Russell</u> Date: <u>3/20/17</u><br/>Printed Name: <u>Robyn M. Russell</u><br/>E-mail Address: <u>Russell@concho.com</u></p> |
| <p><b>DETAIL "A"</b><br/>3573.1 600' 3580.6'<br/>600'<br/>3571.0 3574.8'<br/>10'<br/>First Take Point<br/>673 FSL<br/>1654 FWL<br/>330'<br/>1110'<br/>695'<br/>S. 87°44'55" E (GRID)<br/>9,255.24' (HORIZ.)<br/>330'<br/>Last Take Point<br/>330 FSL<br/>330 FEL<br/>330'<br/>220' B.H.<br/>330'</p> |                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                     | <p><b>SURVEYOR CERTIFICATION</b><br/>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.<br/><br/>3-08-2017<br/>Date of Survey<br/>Signature and Seal of Professional Surveyor<br/>19680<br/>Certificate Number</p>                                                                                                                                                                                                                                                                                                                            |

RRC - Firm No.: TX 10193838 NM 4655451 - Job No.: LS1609301D

RW 2-7-18

**APD ID:** 10400002604

**Submission Date:** 05/17/2017

Highlighted data  
reflects the most  
recent changes

**Operator Name:** COG OPERATING LLC

**Well Name:** DODD FEDERAL UNIT

**Well Number:** 915H

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**Well Type:** OIL WELL

**Well Work Type:** Drill

## Section 1 - Geologic Formations

| Formation ID | Formation Name | Elevation | True Vertical Depth | Measured Depth | Lithologies         | Mineral Resources      | Producing Formation |
|--------------|----------------|-----------|---------------------|----------------|---------------------|------------------------|---------------------|
| 1            | UNKNOWN        | 3574      | 0                   | 0              | ALLUVIUM            | USEABLE WATER          | No                  |
| 2            | RUSTLER        | 3324      | 250                 | 250            | ANHYDRITE           | OTHER : Brackish Water | No                  |
| 3            | TOP SALT       | 3053      | 521                 | 521            | SALT                | OTHER : Salt           | No                  |
| 4            | TANSILL        | 2683      | 891                 | 891            | DOLOMITE            | NONE                   | No                  |
| 5            | YATES          | 2574      | 1000                | 1000           | SANDSTONE,DOLOMITE  | NATURAL GAS,OIL        | No                  |
| 6            | SEVEN RIVERS   | 2296      | 1278                | 1278           | SANDSTONE,DOLOMITE  | NATURAL GAS,OIL        | No                  |
| 7            | QUEEN          | 1702      | 1872                | 1872           | SANDSTONE           | NATURAL GAS,OIL        | No                  |
| 8            | GRAYBURG       | 1289      | 2285                | 2285           | SANDSTONE,DOLOMITE  | NATURAL GAS,OIL        | No                  |
| 9            | SAN ANDRES     | 1006      | 2568                | 2568           | DOLOMITE,ANHYDRITE  | NATURAL GAS,OIL        | No                  |
| 10           | GLORIETA       | -421      | 3995                | 3995           | SANDSTONE,SILTSTONE | NATURAL GAS,OIL        | No                  |
| 11           | PADDOCK        | -487      | 4061                | 4061           | DOLOMITE            | NATURAL GAS,OIL        | No                  |
| 12           | BLINEBRY       | -901      | 4475                | 4475           | DOLOMITE            | NATURAL GAS,OIL        | Yes                 |
| 13           | TUBB           | -1901     | 5475                | 5475           | SANDSTONE,DOLOMITE  | NATURAL GAS,OIL        | No                  |

## Section 2 - Blowout Prevention