

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

**OCD - HOBBS**  
**04/03/2020**  
**RECEIVED**

☒ AMENDED REPORT

As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-46420		<sup>2</sup> Pool Code 98116		<sup>3</sup> Pool Name WC-025 G-09 S253402N; WOLFCAMP <i>KZ</i>	
<sup>4</sup> Property Code 326152		<sup>5</sup> Property Name PICKELHAUBE STATE			<sup>6</sup> Well Number 701H
<sup>7</sup> GRID NO. 229137		<sup>8</sup> Operator Name COG OPERATING, LLC			<sup>9</sup> Elevation 3388'

<sup>10</sup> Surface Location

UL or lot no. <b>B</b>	Section <b>36</b>	Township <b>24S</b>	Range <b>34E</b>	Lot Idn	Feet from the <b>324</b>	North/South line <b>NORTH</b>	Feet From the <b>2503</b>	East/West line <b>EAST</b>	County <b>LEA</b>
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no. <b>N</b>	Section <b>36</b>	Township <b>24S</b>	Range <b>34E</b>	Lot Idn	Feet from the <b>50</b>	North/South line <b>SOUTH</b>	Feet from the <b>2325</b>	East/West line <b>WEST</b>	County <b>LEA</b>
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<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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>① ② ③ ④ ⑤</p> <p>①6</p> <p>KOP</p> <p>FTP</p> <p>324'</p> <p>S.L.</p> <p>2503'</p> <p>36</p> <p>2325'</p> <p>50'</p> <p>LTP</p> <p>BH</p> <p>① ② ③ ④ ⑤</p>	<p><b>17 OPERATOR CERTIFICATION</b></p> <p>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.</p> <p>3/12/20</p> <p>Signature <b>Amanda Avery</b></p> <p>Printed Name <b>aavery@concho.com</b></p> <p>E-mail Address</p>
	<p><b>18 SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>09-05-2019</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p><b>19680</b></p> <p>Certificate Number</p> <p>REV: 3-10-2020 AS-DRILL</p>
	<p><b>GEODETIC DATA</b> NAD 83 GRID - NM EAST</p> <p><b>SURFACE LOCATION (SL)</b> N: 430536.7 - E: 822908.2 LAT: 32.1803489° N LONG: 103.4232364° W LAT: 32°10'49.2558" N LONG: 103°25'23.6512" W</p> <p><b>KICK OFF POINT (KOP)</b> 106'-FNL/2358'-FWL N: 430752.3 - E: 822491.7 LAT: 32.1809511° N LONG: 103.4245767° W LAT: 32°10'51.4241" N LONG: 103°25'28.4762" W MD=12,393.00/TVD=12,374.14</p> <p><b>FIRST TAKE POINT (FTP)</b> 447'-FNL/2336'-FWL N: 430410.8 - E: 822472.3 LAT: 32.1798878° N LONG: 103.4241784° W LAT: 32°10'48.0470" N LONG: 103°25'28.7350" W MD=13,020.00/TVD=12,863.52</p> <p><b>LAST TAKE POINT (LTP)</b> 147'-FSL/2320'-FWL N: 425724.5 - E: 822493.8 LAT: 32.1671320° N LONG: 103.4247071° W LAT: 32°10'01.6750" N LONG: 103°25'28.9457" W MD=17,720.00/TVD=12,961.97</p> <p><b>BOTTOM HOLE (BH)</b> N: 425627.8 - E: 822499.2 LAT: 32.1668659° N LONG: 103.4246922° W LAT: 32°10.00.7173" N LONG: 103°25'28.8920" W MD=17,817.00/TVD=12,958.98</p>
	<p><b>CORNER DATA</b> NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1913" N: 425562.2 - E: 820175.3</p> <p>B: FOUND BRASS CAP "1913" N: 428201.6 - E: 820152.9</p> <p>C: CALCULATED CORNER N: 430839.4 - E: 820133.8</p> <p>D: COTTON SPINDLE N: 430860.0 - E: 822773.2</p> <p>E: COTTON SPINDLE N: 430879.3 - E: 825408.0</p> <p>F: FOUND BRASS CAP "1913" N: 428239.1 - E: 825431.6</p> <p>G: FOUND STONE MOUND N: 425596.6 - E: 825454.5</p> <p>H: FOUND BRASS CAP "1913" N: 425579.9 - E: 822814.8</p> <p><b>CALCULATED POINTS</b></p> <p>1: N: 430849.7 - E: 821453.5 2: N: 430869.7 - E: 824090.6 3: N: 425588.3 - E: 824134.6 4: N: 425571.1 - E: 821495.0</p>

Job No.: LS19090868AD

Intent ☐ As Drilled ☒

API # 30-025-46420		
Operator Name: COG Operating LLC	Property Name: Pickelhaube State	Well Number 701H

Kick Off Point (KOP)

UL C	Section 36	Township 24S	Range 34E	Lot	Feet 106	From N/S North	Feet 2358	From E/W West	County Lea
Latitude 32.1809511					Longitude 103.4245767			NAD 83	

First Take Point (FTP)

UL C	Section 36	Township 24S	Range 34E	Lot	Feet 447	From N/S North	Feet 2336	From E/W West	County Lea
Latitude 32.1798878					Longitude 103.4241784			NAD 83	

Last Take Point (LTP)

UL N	Section 36	Township 24S	Range 34E	Lot	Feet 147	From N/S South	Feet 2320	From E/W West	County Lea
Latitude 32.1671320					Longitude 103.4247071			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit?

Is this well an infill well?

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-025-46406		
Operator Name: COG Operating LLC	Property Name: Pickelhaube State	Well Number 702H

KZ 06/29/2018