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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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46405		² Pool Code 96434		³ Pool Name Red Hills; Bone Spring, North <i>KZ</i>	
⁴ Property Code 326152		⁵ Property Name PICKELHAUBE STATE			⁶ Well Number 602H
⁷ GRID NO. 229137		⁸ Operator Name COG OPERATING, LLC			⁹ Elevation 3410'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
D	36	24S	34E		330	NORTH	1286	WEST	LEA

¹¹ 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
N	36	24S	34E		49	SOUTH	1455	WEST	LEA

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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</p> <p>②</p>	<p>③</p> <p>GEODETIC DATA NAD 83 GRID - NM EAST</p> <p><u>SURFACE LOCATION (SL)</u> N: 430519.5 - E: 821422.0 LAT: 32.1803361° N LONG: 103.4280401° W LAT: 32°10'49.2096" N LONG: 103°25'40.9436" W</p> <p><u>KICK OFF POINT (KOP)</u> 68'-FNL/1458'-FWL N: 430782.5 - E: 821592.3 LAT: 32.1810551° N LONG: 103.4274825° W LAT: 32°10'51.7985" N LONG: 103°25'38.9372" W MD=12,102.00/TVD=12,089.21</p> <p><u>FIRST TAKE POINT (FTP)</u> 436'-FNL/1503'-FWL N: 430415.3 - E: 821640.0 LAT: 32.1800447° N LONG: 103.4273386° W LAT: 32°10'48.1608" N LONG: 103°25'38.4191" W MD=12,765.00/TVD=12,587.75</p>	<p>④</p> <p><u>LAST TAKE POINT (LTP)</u> 151'-FSL/1459'-FWL N: 425722.7 - E: 821633.1 LAT: 32.1671469° N LONG: 103.4274886° W LAT: 32°10'01.7288" N LONG: 103°25'38.9590" W MD=17,465.00/TVD=12,685.52</p> <p><u>BOTTOM HOLE (BH)</u> N: 425620.8 - E: 821630.1 LAT: 32.1668668° N LONG: 103.4275010° W LAT: 32°10'00.7204" N LONG: 103°25'39.0036" W MD=17,567.00/TVD=12,686.31</p>	<p>¹⁷ OPERATOR CERTIFICATION</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 _____ Date _____</p> <p>Printed Name Amanda Avery</p> <p>E-mail Address aavery@concho.com</p>
	<p>⑤</p> <p>CORNER DATA 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><u>CALCULATED POINTS</u> 1: N: 430849.7 - E: 821453.5 2: N: 425571.1 - E: 821495.0</p>	<p>¹⁸ SURVEYOR CERTIFICATION</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>19680</p> <p>Certificate Number</p> <p>REV: 3-11-2020 AS-DRILL</p> <p>Job No.: LS19090869AD</p>

Intent ☐ As Drilled ☒

API # 30-025-46405		
Operator Name: COG Operating LLC	Property Name: Pickelhaube State	Well Number 602H

Kick Off Point (KOP)

UL C	Section 36	Township 24S	Range 34E	Lot	Feet 68	From N/S North	Feet 1458	From E/W West	County Lea
Latitude 32.1810551					Longitude 103.4274825			NAD 83	

First Take Point (FTP)

UL C	Section 36	Township 24S	Range 34E	Lot	Feet 436	From N/S North	Feet 1503	From E/W West	County Lea
Latitude 32.1800447					Longitude 103.4273386			NAD 83	

Last Take Point (LTP)

UL N	Section 36	Township 24S	Range 34E	Lot	Feet 151	From N/S South	Feet 1	From E/W West	County Lea
Latitude 32.1671469					Longitude 103.4274886			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 # 30-025-46419		
Operator Name: COG Operating LLC	Property Name: Pickelhaube State	Well Number 601H

KZ 06/29/2018