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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

MAY 01 2017

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-42992	² Pool Code 96434	³ Pool Name Red Hills; Bone Spring, North
⁴ Property Code 317360	⁵ Property Name RED RAIDER BKS STATE	⁶ Well Number 4H
⁷ OGRID No. 229137	⁸ Operator Name COG OPERATING, LLC	⁹ Elevation 3508.5

¹⁰ Surface Location

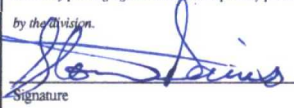
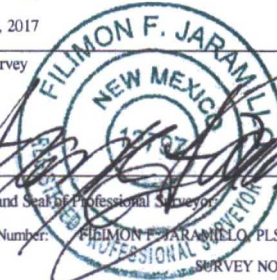
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	25	24 S	33 E		250	SOUTH	1650	EAST	LEA

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
B	25	24 S	33 E		231	NORTH	1528	EAST	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 interests have been consolidated or a non-standard unit has been approved by the division.

<p>N89°43'58"E 2642.27 FT</p> <p>NW CORNER SEC. 25 LAT. = 32.1957241°N LONG. = 103.5341109°W NMSP EAST (FT) N = 435843.13 E = 747230.48</p> <p>NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1927 (NAD27). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD27). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST (NAD83) COORDINATES MODIFIED TO THE SURFACE. ELEVATION VALUES ARE NAVD 88.</p> <p>W/4 CORNER SEC. 25 LAT. = 32.1884644°N LONG. = 103.5341076°W NMSP EAST (FT) N = 433202.20 E = 747251.11</p> <p>SW CORNER SEC. 25 LAT. = 32.1812086°N LONG. = 103.5341064°W NMSP EAST (FT) N = 430562.66 E = 747271.11</p> <p>S89°42'14"W 2640.38 FT</p>	<p>N89°43'58"E 2642.27 FT</p> <p>DNF</p> <p>AS-DRILLED BOTTOM OF HOLE</p> <p>BOTTOM OF HOLE LAT. = 32.1951428°N LONG. = 103.5219647°W NMSP EAST (FT) N = 435629.43 E = 750989.69</p> <p>RED RAIDER 25 BKS STATE 4H ELEV. = 3508.5' LAT. = 32.1818731°N (NAD27) LONG. = 103.5223634°W NMSP EAST (FT) N = 430831.60 E = 750902.52</p> <p>SURFACE LOCATION</p> <p>S/4 CORNER SEC. 25 LAT. = 32.1811919°N LONG. = 103.5255743°W NMSP EAST (FT) N = 430576.31 E = 748910.94</p> <p>S89°41'26"W 2643.67 FT</p>	<p>NE CORNER SEC. 25 LAT. = 32.1956828°N LONG. = 103.5170319°W NMSP EAST (FT) N = 435867.79 E = 752513.93</p> <p>E/4 CORNER SEC. 25 LAT. = 32.1884303°N LONG. = 103.5170310°W NMSP EAST (FT) N = 433229.46 E = 752534.25</p> <p>SE CORNER SEC. 25 LAT. = 32.1811763°N LONG. = 103.5170317°W NMSP EAST (FT) N = 430590.59 E = 752554.05</p> <p>S00°25'58"E 2639.51 FT</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> Signature 4/20/17 Date</p> <p>Stormi Davis Printed Name sdavis@concho.com E-mail Address</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>APRIL 13, 2017 Date of Survey</p> <p> Signature and Seal of Professional Surveyor Certificate Number: FILMON F. JARAMILLO, PLS 12797 SURVEY NO. 4162C</p>
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