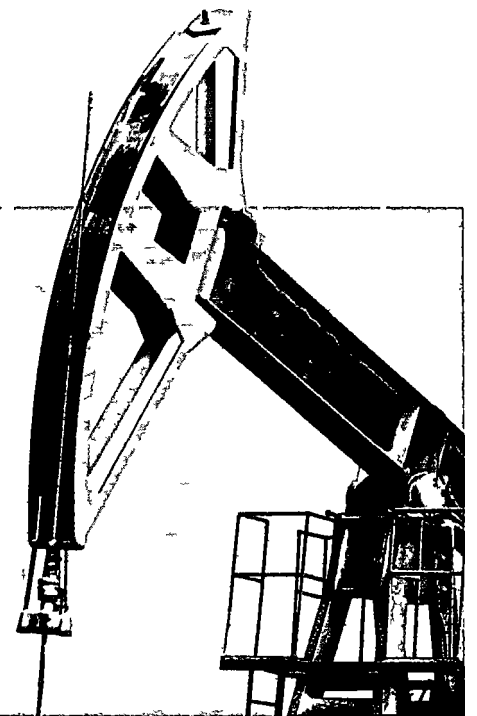


COG OPERATING LLC
Populus Federal #2H & 4H
Section 29-T25S-27E
Lea County, New Mexico



District I
1625 N. French Dr. Hobbs, NM 88240
Phone: (575) 397-6161 Fax: (575) 397-0720
District II
811 S. First St. Artesia, NM 88210
Phone: (575) 324-1283 Fax: (575) 324-9720
District III
1000 Rio Arriba Road, Aztec, NM 87410
Phone: (505) 324-6178 Fax: (505) 324-6170
District IV
1320 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

NM OIL CONSERVATION
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 30-015-44102	² Pool Code 97818	³ Pool Name WC-015 G-03 S252636M, BONE SPRING
⁴ Property Code 315065	⁵ Property Name POPULUS FEDERAL	⁶ Well Number 2H
⁷ OCRID No. 229137	⁸ Operator Name COG OPERATING, LLC.	⁹ Elevation 3147.6

" Surface Location

UL or lot no.	Section	Township	Range	Lat Lon	Feet from the	North/South line	Feet from the	East/West line	County
B	29	25 S	27 E		115	NORTH	2310	EAST	EDDY

" Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lat Lon	Feet from the	North/South line	Feet from the	East/West line	County
O	29	25 S	27 E		200	SOUTH	1980	EAST	EDDY

¹⁰ Dedicated Acres 160	¹¹ Joint or (a)B	¹² Consolidation Code	¹³ 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

W/4 CORNER SEC. 29 LAT = 32.1081683°N LONG. = 104.2205663°W NWSP EAST (FT) N = 403108.66 E = 576252.78 POPULUS FEDERAL 2H ELEV = 3147.6 LAT = 32.1078512°N (NAD83) LONG. = 104.2109887°W NWSP EAST (FT) N = 402994.21 E = 579224.61 W/4 CORNER SEC. 29 LAT = 32.1088628°N LONG. = 104.2206412°W NWSP EAST (FT) N = 400455.99 E = 576232.42 LAST TAKE POINT 330 FSL, 1980 FEL LAT = 32.0945150°N LONG. = 104.2098730°W NWSP EAST (FT) N = 398143.22 E = 579568.43 SW CORNER SEC. 29 LAT = 32.0936007°N LONG. = 104.2207158°W NWSP EAST (FT) N = 397808.56 E = 578212.10	N/4 CORNER SEC. 29 LAT = 32.1081677°N LONG. = 104.2120349°W NWSP EAST (FT) N = 403108.9 E = 576494.16 FIRST TAKE POINT 330 FSL, 1980 FEL LAT = 32.1072588°N LONG. = 104.2099018°W NWSP EAST (FT) N = 402779.44 E = 579555.22 W/4 CORNER SEC. 29 LAT = 32.1088628°N LONG. = 104.2206412°W NWSP EAST (FT) N = 400455.99 E = 576232.42 LAST TAKE POINT 330 FSL, 1980 FEL LAT = 32.0945150°N LONG. = 104.2098730°W NWSP EAST (FT) N = 398143.22 E = 579568.43 SW CORNER SEC. 29 LAT = 32.0936007°N LONG. = 104.2207158°W NWSP EAST (FT) N = 397808.56 E = 578212.10	W/4 CORNER SEC. 29 LAT = 32.1081683°N LONG. = 104.2205663°W NWSP EAST (FT) N = 403108.66 E = 576252.78 POPULUS FEDERAL 2H ELEV = 3147.6 LAT = 32.1078512°N (NAD83) LONG. = 104.2109887°W NWSP EAST (FT) N = 402994.21 E = 579224.61 W/4 CORNER SEC. 29 LAT = 32.1088628°N LONG. = 104.2206412°W NWSP EAST (FT) N = 400455.99 E = 576232.42 LAST TAKE POINT 330 FSL, 1980 FEL LAT = 32.0945150°N LONG. = 104.2098730°W NWSP EAST (FT) N = 398143.22 E = 579568.43 SW CORNER SEC. 29 LAT = 32.0936007°N LONG. = 104.2207158°W NWSP EAST (FT) N = 397808.56 E = 578212.10	W/4 CORNER SEC. 29 LAT = 32.1081683°N LONG. = 104.2205663°W NWSP EAST (FT) N = 403108.66 E = 576252.78 POPULUS FEDERAL 2H ELEV = 3147.6 LAT = 32.1078512°N (NAD83) LONG. = 104.2109887°W NWSP EAST (FT) N = 402994.21 E = 579224.61 W/4 CORNER SEC. 29 LAT = 32.1088628°N LONG. = 104.2206412°W NWSP EAST (FT) N = 400455.99 E = 576232.42 LAST TAKE POINT 330 FSL, 1980 FEL LAT = 32.0945150°N LONG. = 104.2098730°W NWSP EAST (FT) N = 398143.22 E = 579568.43 SW CORNER SEC. 29 LAT = 32.0936007°N LONG. = 104.2207158°W NWSP EAST (FT) N = 397808.56 E = 578212.10	" OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the organization either owns a working interest or undivided mineral interest in the land including the proposed location hole location or has a right to drill the well at this location pursuant to a contract with an owner of such mineral or working interest, or its voluntary pending agreement or compulsory pooling order heretofore provided to the division. <i>Mayte Reyes</i> 12-22-16 Signature Date Mayte Reyes Printed Name mreyes1@concho.com E-mail Address " SURVEYOR CERTIFICATION 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. DECEMBER 21 2016 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number 158105 FLS 12797 SURVEY NO. 4994A
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BEFORE THE OIL CONSERVATION DIVISION
Santa Fe New Mexico
Exhibit No. 1
Submitted by
COG OPERATING LLC
Hearing Date April 13, 2017