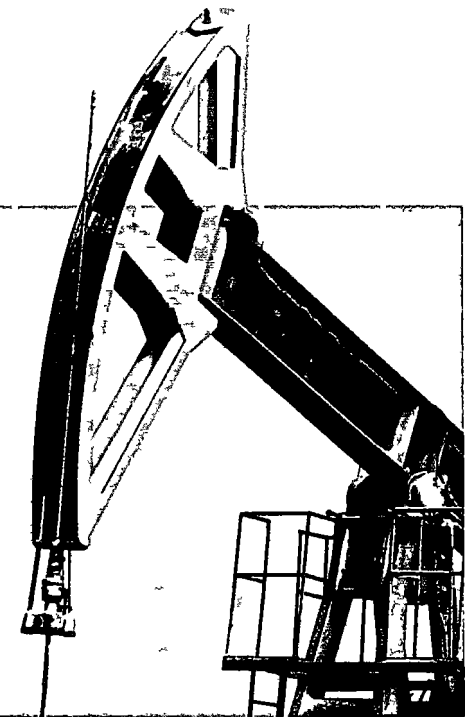


COG OPERATING LLC
Populus Federal #2H & 4H
Section 29-T25S-27E
Lea County, New Mexico



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

Director
1423 1/2 French Dr. Hobbs, MO 65140
Phone: (313) 371-6161 Fax: (313) 352-0720
Director II
811 E. First St. Arzooia, MO 65110
Phone: (313) 722-1283 Fax: (313) 744-9720
Director III
1000 N. Wacker Road, Arzooia, MO 67410
Phone: (313) 334-6178 Fax: (313) 314-4170
Director IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (303) 475-7468 Fax: (303) 475-7463

Revised August 1 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

* API Number 30-015- 44102		* Pool Code 97818	* Pool Name WC-015 G-03 S252636M, BONE SPRING	
* Property Code 315065	* Property Name POPULUS FEDERAL		* Well Number 2H	
* OGRID No. 229137	* Operator Name COG OPERATING, LLC.		* Elevator 3147.6	

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

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	29	25 S	27 E		200	SOUTH	1980	EAST	EDDY

13 Dedicated Acres 160	14 Joint or (a) (5)	15 Consolidation Code	16 Order No.
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N89°57'01"E 2642.22 FT HW CORNER SEC. 29 LAT = 32.1081687N LONG. = 104.2026635W NWSP EAST (FT) N = 403108.66 E = 576252.78 POPULUS FEDERAL 2H ELEV = 3147.6 LAT = 32.1078517N (NAD83) LONG. = 104.2109687W NWSP EAST (FT) N = 402994.21 E = 579224.61 W/4 CORNER SEC. 29 LAT = 32.1088228N LONG. = 104.2206417W NWSP EAST (FT) N = 400455.99 E = 576232.42 LAST TAKE POINT 330 FSL 1980 FSL LAT = 32.0945150W LONG. = 104.2098730W NWSP EAST (FT) N = 398143.22 E = 579589.43 SW CORNER SEC. 29 LAT = 32.0936007N LONG. = 104.2207156W NWSP EAST (FT) N = 397808.96 E = 578212.10	N89°57'56"E 2640.01 FT W/4 CORNER SEC. 29 LAT = 32.1081677N LONG. = 104.2120349W NWSP EAST (FT) N = 403108.9 E = 578694.36 FIRST TAKE POINT 330 FSL 1980 FSL LAT = 32.1072598N LONG. = 104.2099015W NWSP EAST (FT) N = 402779.44 E = 579455.22 NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) BY DECIMAL DEGREE FORMAT LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83) ELEVATION VALUES ARE NAVD 83 BASED. BEARINGS AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. BOTTOM OF HOLE LAT = 32.0941577N LONG. = 104.2098772W NWSP EAST (FT) N = 398013.24 E = 579589.83 S/4 CORNER SEC. 29 LAT = 32.0936137N LONG. = 104.2120855W NWSP EAST (FT) N = 397814.5 E = 578681.5 SE CORNER SEC. 29 LAT = 32.0935916N LONG. = 104.2034768W NWSP EAST (FT) N = 397805.84 E = 581549.88
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GRID AZIMUTH 500 TO 600 FT
4837.39 FT
HOLE DIST
200 FT
300 FT

N89°57'01"E 2642.22 FT

N89°57'56"E 2640.01 FT

2310

2640.01 FT

2642.22 FT

"OPERATOR CERTIFICATION"

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 undivided mineral interest in the land including the proposed location hole location or has the right to drill this well at this location pursuant to contract with the owner of such mineral or working interest, or as a voluntary pooling operation or compulsory pooling order heretofore entered by the district.

Mayte Reyes 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 plot 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

Signature and Title of Professional Surveyor
 Certificate Number 788465 FARRARILLO PLS 12797
 SURVEY NO. 49914

S89°50'12"W 2670.15 FT

S89°53'39"W 2669.04 FT

500 TO 600 FT

500 TO 600 FT

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe New Mexico
Exhibit No 1
Submitted by
COG OPERATING LLC
Hearing Date April 13, 2017