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1000 Rio Brazos Road, Aztec, NM 87410
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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico CONSERVATION
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

RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44807		² Pool Code 97917	³ Pool Name Dodd; Glorieta-Upper Yeso
⁴ Property Code 308195	⁵ Property Name DODD FEDERAL UNIT		⁶ Well Number 980H
⁷ GRID NO. 229137	⁸ Operator Name COG OPERATING, LLC		⁹ Elevation 3590'

¹⁰ Surface Location

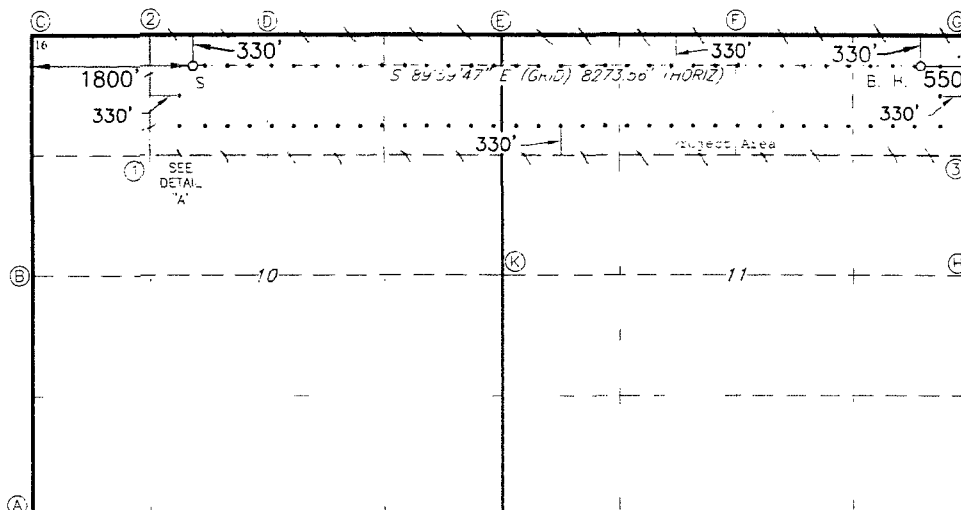
U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North South line	Feet From the	East West line	County
C	10	17S	29E		330	NORTH	1800	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North South line	Feet from the	East West line	County
A	11	17S	29E		330	NORTH	550	EAST	EDDY

¹² Dedicated Acres 280	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.



¹⁷ 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 released 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 compulsory pooling or as hereinafter entered by the division.

Signature: Robyn M. Russell Date: 11/13/17
Printed Name: Robyn M. Russell
E-mail Address: Russell@concho.com

GEODETIC DATA
NAD 83 GRID - NM EAST
SURFACE LOCATION
N 675055.7 - E 623607.2
LAT: 32.8554674° N
LONG: 104.0654201° W
BOTTOM HOLE
N 675056.2 - E 631880.7
LAT: 32.8554054° N
LONG: 104.0384774° W

GEODETIC DATA
NAD 27 GRID - NM EAST
SURFACE LOCATION
N 674993.2 - E 582425.2
LAT: 32.8553524° N
LONG: 104.0649102° W
BOTTOM HOLE
N 674992.6 - E 590701.7
LAT: 32.8552901° N
LONG: 104.0379681° W

CORNER DATA
NAD 83 GRID - NM EAST
A: FOUND 1/2" REBAR
N: 670102.9 - E: 621822
B: FOUND BRASS CAP 19" 4"
N: 672745 - E: 621806.9
C: FOUND BRASS CAP 19" 4"
N: 675385.4 - E: 621807.5
D: FOUND BRASS CAP 19" 4"
N: 675387.2 - E: 624453.5
E: FOUND 1/2" REBAR
N: 675393.5 - E: 627091.5
F: FOUND BRASS CAP 19" 4"
N: 675386.4 - E: 629732.7
G: FOUND BRASS CAP 19" 4"
N: 675386.0 - E: 632379.4
H: FOUND STEEL PIPE
N: 672745.8 - E: 632388.8
I: FOUND BRASS CAP 19" 4"
N: 670105.4 - E: 632395.3

FOUND ALUMINUM CAP ILLEGIBLE
N: 670108.2 - E: 627111.4
K: FOUND BRASS CAP 19" 4"
N: 672752.3 - E: 627098.9

CALCULATED POINTS
1: N 674066.6 - E 623134.2
2: N 675386.3 - E 623130.5
3: N 674065.9 - E 632384.1

DETAIL "A"
3594.3' 600' 3600.5'
3586.2' 3591.7'

¹⁸ 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.

10-5-2017
Date of Survey
Signature and Seal of Professional Surveyor: [Signature]
Certificate Number: **19680**

RRC-Job No.: LS1709631

NSP RWP 3-12-2018

APD ID: 10400023976

Submission Date: 11/15/2017

Highlighted data
reflects the most
recent changes

Operator Name: COG OPERATING LLC

Well Name: DODD FEDERAL UNIT

Well Number: 980H

[Show Final Text](#)

Well Type: OIL WELL

Well Work Type: Drill

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1	UNKNOWN	4090	0	0	ALLUVIUM	USEABLE WATER	No
2	RUSTLER	3120	970	970	ANHYDRITE	OTHER : Brackish Water	No
3	TOP SALT	2935	1155	1155	SALT	OTHER : Salt	No
4	TANSILL	1915	2175	2175	DOLOMITE	NONE	No
5	YATES	1810	2280	2280	SANDSTONE,DOLOMITE	NATURAL GAS,OIL	No
6	SEVEN RIVERS	1470	2620	2620	SANDSTONE,DOLOMITE	NATURAL GAS,OIL	No
7	QUEEN	850	3240	3240	SANDSTONE	NATURAL GAS,OIL	No
8	GRAYBURG	400	3690	3690	DOLOMITE,ANHYDRITE	NATURAL GAS,OIL	No
9	SAN ANDRES	115	3975	3975	DOLOMITE,ANHYDRITE	NATURAL GAS,OIL	No
10	PADDOCK	-1245	5335	5335	DOLOMITE	NATURAL GAS,OIL	No
11	GLORIETA	-1385	5475	5475	SANDSTONE,SILTSTONE	NATURAL GAS,OIL	No
12	BLINEBRY	-1870	5960	5960	DOLOMITE	NATURAL GAS,OIL	Yes
13	TUBB	-2790	6880	6880	SANDSTONE	NATURAL GAS,OIL	No

Section 2 - Blowout Prevention