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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
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 30-025-41589		2 Pool Code 41460		3 Pool Name Lusk; Bone Spring, South	
4 Property Code 40118		5 Property Name NIGHTCAP 6 FEDERAL COM			6 Well Number 3H
7 OGRID No. 229137		8 Operator Name COG OPERATING, LLC			9 Elevation 3514.2

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
3	6	20 S	32 E		330	NORTH	2020	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	7	20 S	32 E		330	SOUTH	1980	WEST	LEA

12 Dedicated Acres 319.96	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.

NW CORNER SEC. 6 LAT. = 32.6095897N LONG. = 103.8136324W N/4 CORNER SEC. 6 LAT. = 32.6095185N LONG. = 103.8051378W N/4 CORNER SEC. 6 LAT. = 32.6095475N LONG. = 103.7961800W N/4 CORNER SEC. 6 LAT. = 32.6023400N LONG. = 103.8136374W SECTION CORNER LAT. = 32.5950740N LONG. = 103.8136410W W/4 CORNER SEC. 7 LAT. = 32.5878047N LONG. = 103.8136483W SW CORNER SEC. 7 LAT. = 32.5805448N LONG. = 103.8136556W		2020 SURFACE LOCATION LOT 3 N/4 CORNER SEC. 6 LAT. = 32.6095185N LONG. = 103.8051378W N/4 CORNER SEC. 6 LAT. = 32.6095475N LONG. = 103.7961800W N/4 CORNER SEC. 6 LAT. = 32.6023400N LONG. = 103.8136374W SECTION CORNER LAT. = 32.5950740N LONG. = 103.8136410W W/4 CORNER SEC. 7 LAT. = 32.5878047N LONG. = 103.8136483W SW CORNER SEC. 7 LAT. = 32.5805448N LONG. = 103.8136556W		NE CORNER SEC. 6 LAT. = 32.6095475N LONG. = 103.7961800W N/4 CORNER SEC. 6 LAT. = 32.6095185N LONG. = 103.8051378W N/4 CORNER SEC. 6 LAT. = 32.6023400N LONG. = 103.8136374W SECTION CORNER LAT. = 32.5950740N LONG. = 103.8136410W W/4 CORNER SEC. 7 LAT. = 32.5878047N LONG. = 103.8136483W SW CORNER SEC. 7 LAT. = 32.5805448N LONG. = 103.8136556W	
NIGHTCAP 6 FEDERAL COM ELEV. = 3514.2 LAT. = 32.6088282N (NAD27) LONG. = 103.8070748W N/4 CORNER SEC. 6 LAT. = 32.6095185N LONG. = 103.8051378W N/4 CORNER SEC. 6 LAT. = 32.6023400N LONG. = 103.8136374W SECTION CORNER LAT. = 32.5950740N LONG. = 103.8136410W W/4 CORNER SEC. 7 LAT. = 32.5878047N LONG. = 103.8136483W SW CORNER SEC. 7 LAT. = 32.5805448N LONG. = 103.8136556W		SEC. 6 QUARTER CORNER LAT. = 32.5950688N LONG. = 103.8051828W N/4 CORNER SEC. 6 LAT. = 32.6095185N LONG. = 103.8051378W N/4 CORNER SEC. 6 LAT. = 32.6023400N LONG. = 103.8136374W SECTION CORNER LAT. = 32.5950740N LONG. = 103.8136410W W/4 CORNER SEC. 7 LAT. = 32.5878047N LONG. = 103.8136483W SW CORNER SEC. 7 LAT. = 32.5805448N LONG. = 103.8136556W		As per LR 2000 Lot 3 39.96 Ac E/4 CORNER SEC. 6 SCALED SECTION CORNER LAT. = 32.5950600N LONG. = 103.7985095W N/4 CORNER SEC. 6 LAT. = 32.6095185N LONG. = 103.8051378W N/4 CORNER SEC. 6 LAT. = 32.6023400N LONG. = 103.8136374W SECTION CORNER LAT. = 32.5950740N LONG. = 103.8136410W W/4 CORNER SEC. 7 LAT. = 32.5878047N LONG. = 103.8136483W SW CORNER SEC. 7 LAT. = 32.5805448N LONG. = 103.8136556W	
NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1927 (NAD27). IN DECIMAL DEGREE FORMAT. LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE MODIFIED TO SURFACE VALUES (NAD83) AND ARE BASIS OF BEARING.		SEC. 7 BOTTOM OF HOLE LAT. = 32.5814395N LONG. = 103.8072282W N/4 CORNER SEC. 6 LAT. = 32.6095185N LONG. = 103.8051378W N/4 CORNER SEC. 6 LAT. = 32.6023400N LONG. = 103.8136374W SECTION CORNER LAT. = 32.5950740N LONG. = 103.8136410W W/4 CORNER SEC. 7 LAT. = 32.5878047N LONG. = 103.8136483W SW CORNER SEC. 7 LAT. = 32.5805448N LONG. = 103.8136556W		SEC. 7 E/4 CORNER SEC. 7 SCALED SECTION CORNER LAT. = 32.5950600N LONG. = 103.7985095W N/4 CORNER SEC. 6 LAT. = 32.6095185N LONG. = 103.8051378W N/4 CORNER SEC. 6 LAT. = 32.6023400N LONG. = 103.8136374W SECTION CORNER LAT. = 32.5950740N LONG. = 103.8136410W W/4 CORNER SEC. 7 LAT. = 32.5878047N LONG. = 103.8136483W SW CORNER SEC. 7 LAT. = 32.5805448N LONG. = 103.8136556W	

16 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 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 previously entered by the division.

Signature: *Melanie J Parker* Date: 9/3/14

Printed Name: Melanie J Parker

E-mail Address: mparker@concho.com

17 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.

AUGUST 1, 2014

Date of Survey: 12/9/14

Signature and Seal of the Surveyor: *[Signature]*

Certificate Number: FILIPINO F. JARAMILLO, PLS 12797

SURVEY NO. 552B

E-PERMITTING

P&A NR _____ P&A R _____
INT to P&A _____ Chg Prop Name Kz
CSNG _____ Chng Loc _____
TA _____ Chg Acres _____

OCT 28 2014