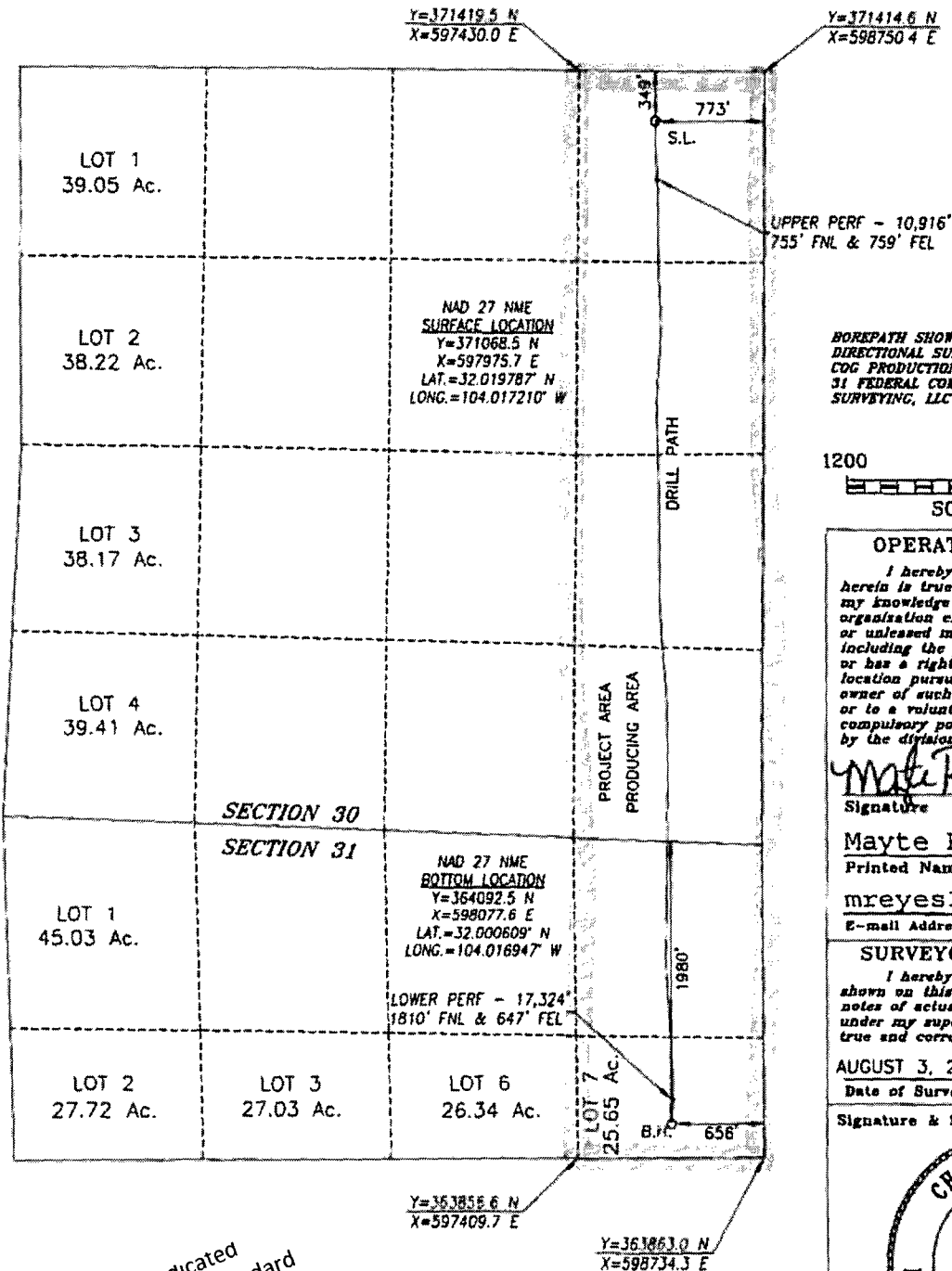
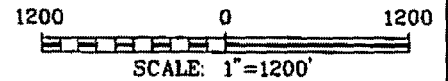


Property Code 38529	Property Name COPPERHEAD 31 FEDERAL COM	Well Number 3H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 2941.6'



BOREPATH SHOWN HEREON IS BASED ON  
DIRECTIONAL SURVEY REPORT PROVIDED BY  
COG PRODUCTION LLC FOR THE COPPERHEAD  
31 FEDERAL COM #3H SUPPLIED TO HARCROW  
SURVEYING, LLC ON DECEMBER 20, 2016



#### OPERATOR CERTIFICATION

I hereby certify that the information  
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 mineral or working interest,  
or to a voluntary pooling agreement or a  
compulsory pooling order heretofore entered  
by the division.

*Mayte Reyes* 3/9/17  
Signature Date

Mayte Reyes

Printed Name

mreyes1@concho.com

E-mail Address

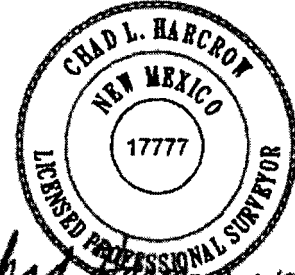
#### SURVEYOR CERTIFICATION

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.

AUGUST 3, 2016/DECEMBER. 20, 2016

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



*Chad L. Harcrow* 1/24/17  
Certificate No. CHAD HARCROW 17777

...wells having less than 320 dedicated  
acres may increase spacing to the standard  
320-acre gas spacing by filing application to  
increase spacing as provided by Division  
rules...

DISTRICT I  
1625 N. FRENCH DR., ROSS, NM 88240  
Phone: (575) 363-6181 Fax: (575) 363-0720

DISTRICT II  
511 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-0720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-0178 Fax: (505) 334-0170

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 478-3460 Fax: (505) 478-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

**AMENDED REPORT**

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code	Pool Name
30-015-43924	98220	Purple Sage-Wolfcamp Gas
Property Code	Property Name	Well Number
38529	COPPERHEAD 31 FEDERAL COM	3H
OGRID No.	Operator Name	Elevation
217955	COG PRODUCTION, LLC	2941.6'

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	30	26-S	29-E		349	NORTH	773	EAST	EDDY

**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
7	31	26-S	29-E		1980	NORTH	656	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
225.60			

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

SEE PAGE 2