

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-6181 Fax: (575) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3482

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

JUL 02 2011

DISTRICT II-ARTESIA O.C.D.

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-45165	Pool Code 98220	Pool Name Purple sage; Wolfcamp (Gas)
Property Code 322243	Property Name LITTLEFIELD 33 FEDERAL COM	Well Number 708H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 2863.5'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
9	33	26-S	29-E		250	SOUTH	751	WEST	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
D	28	26-S	29-E		200	NORTH	327	WEST	EDDY

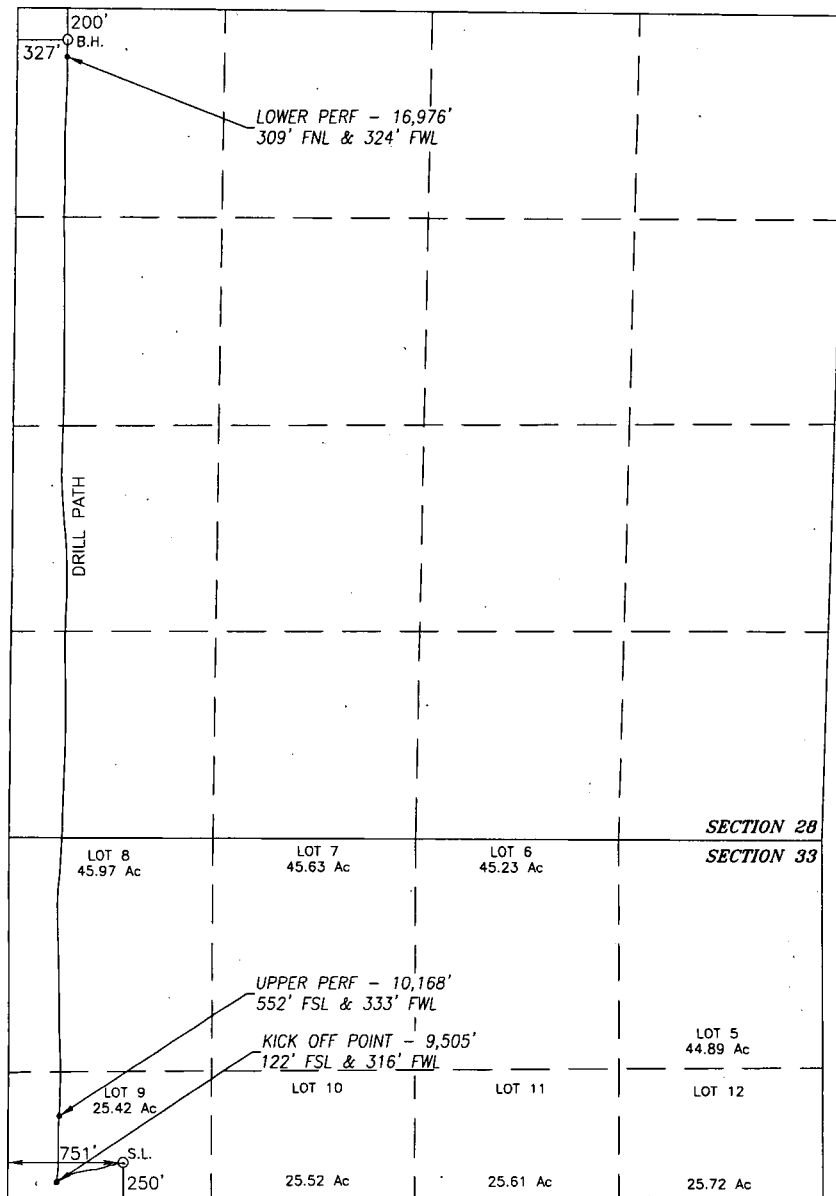
Dedicated Acres 463.13	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 322243	Property Name LITTLEFIELD 33 FEDERAL COM	Well Number 708H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 2863.5'

NAD 83 NME  
BOTTOM  
HOLE LOCATION  
Y=371405.0 N  
X=645617.8 E  
LAT.=32.020626° N  
LONG.=103.996858° W



NAD 83 NME  
SURFACE LOCATION  
Y=364195.1 N  
X=645976.3 E  
LAT.=32.000803° N  
LONG.=103.995774° W

BOREPATH SHOWN HEREON IS BASED ON  
DIRECTIONAL SURVEY REPORT PROVIDED BY  
COG OPERATING, LLC FOR THE LITTLEFIELD 33  
FEDERAL COM #708H SUPPLIED TO HARCROW  
SURVEYING, LLC ON JUNE 5, 2019

1200 0 1200  
SCALE: 1"=1200'

#### 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.

*Amanda Avery* 6/26/19  
Signature Date

Amanda Avery

Printed Name

aavery@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.

SEPT. 12, 2018/FEB. 3, 2019

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



*Chad Harcrow* 6/10/19  
Certificate No. CHAD HARCROW 17777

Intent ☐ As Drilled ☒ X

API #  
30-015-45165

Operator Name: COG OPERATING, LLC	Property Name: LITTLEFIELD 33 FEDERAL COM	Well Number 708H
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Kick Off Point (KOP)

UL 9	Section 33	Township 26S	Range 29E	Lot	Feet 122	From N/S SOUTH	Feet 316	From E/W WEST	County EDDY
Latitude 32.000451					Longitude -103.997181				NAD 83

First Take Point (FTP)

UL 9	Section 33	Township 26S	Range 29E	Lot	Feet 552	From N/S SOUTH	Feet 333	From E/W WEST	County EDDY
Latitude 32.001635					Longitude -103.997115				NAD 83

Last Take Point (LTP)

UL D	Section 28	Township 26S	Range 29E	Lot	Feet 309	From N/S NORTH	Feet 324	From E/W WEST	County EDDY
Latitude 32.020327					Longitude -103.996871				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ No

Is this well an infill well? ☐ Yes

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #  
30-015-45163

Operator Name: COG Operating LLC	Property Name: Littlefield 33 Federal Com	Well Number 706H
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KZ 06/29/2018