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DISTRICT I

State of New Mexico M. FRENCE DR. HOBBS, NR 88240 Energy, Minerals & Natural Resources Department

> 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

OIL CONSERVATION DIVISION APR 1 2019 Form C-102
1220 SOUTH ST. FRANCIS DR. DISTRICT II-ARTESIA Office

☐ AMENDED REPORT

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

DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FR. NM 87806 Phone: (805) 476-3480 Fax: (805) 476-3468

WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Name
Te: Wolfcamp API Number Pool Code 98220 30-015-45833 Purple Sage; Property Code Property Name Well Number 32*5315* HOWITZER FEDERAL COM 605H OGRID No. Operator Name Elevation 229137 COG OPERATING, LLC 2963.5

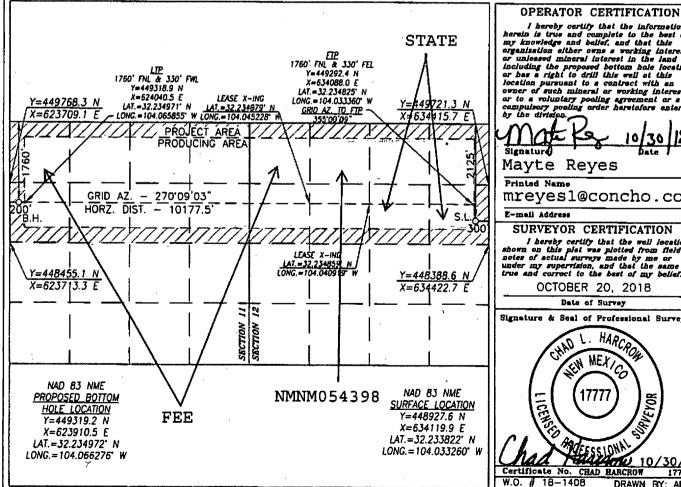
#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
. H	12	24-S	28-E		2125	NORTH	300	EAST	EDDY

### Bottom Hole Location If Different From Surface

UL or lat No.	Section 11	Township 24-S	Range 28-E	Lot Idn	Feet from the 1760	North/South line NORTH	Feet from the	East/West line WEST	County
Dedicated Acres	Joint o	r Infill (	Consolidation (	Code Or	der No.				

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



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 hale 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 campulsory pooling order heretofore entered by the division.

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Mayte Reves

mreyes1@concho.com

## 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.

OCTOBER 20, 2018

Date of Survey

Signature & Seal of Professional Surveyor



MALLON Certificate No. CHAD HARCROW

17777

DRAWN BY: AM

fur 4-11-19



# U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

# Drilling Plan Data Report

02/26/2019

APD ID: 10400036159

Submission Date: 11/09/2018

Highlighted data reflects the most

recent changes

Well Name: HOWITZER FEDERAL COM

**Operator Name: COG OPERATING LLC** 

Well Number: 605H

**Show Final Text** 

Well Type: OIL WELL

Well Work Type: Drill

## **Section 1 - Geologic Formations**

Formation	Formation Name	Flouration	True Vertical	1	Lithologico	Mineral Resources	Producing Formation
ID 1	Formation Name QUATERNARY	Elevation 2963	Depth 0	Depth 0	Lithologies	NONE	No
•	40			-			
2	TOP SALT	. 2872	91	91	SALT	NONE	No
3	BASE OF SALT	412	2551	2551	ANHYDRITE	NONE	No
4	LAMAR	203	2760	2760	LIMESTONE	OTHER : Salt Water	No
5	BELL CANYON	150	2813	2813		OTHER : Salt Water	No
6	CHERRY CANYON	-711	3674	3674		NATURAL GAS,OIL	No
7	BRUSHY CANYON	-1932	4895	4895	-	NATURAL GAS,OIL	No
8	BONE SPRING LIME	-3466	6429	6429		NATURAL GAS,OIL	No
9	UPPER AVALON SHALE	-3765	6728	6728		NATURAL GAS,OIL	No
10		-4088	7051	7051		NATURAL GAS,OIL	No -
11	BONE SPRING 1ST	-4464	7427	7427		NATURAL GAS,OIL	No ·
12	BONE SPRING 2ND	-5264	8227	8227	SANDSTONE	NATURAL GAS,OIL	No
13	BONE SPRING 3RD	-6353	9316	9316		NATURAL GAS,OIL	No
14	WOLFCAMP	-6672	9635	9635		NATURAL GAS,OIL	Yes

## **Section 2 - Blowout Prevention**