

NM OIL CONSERVATION  
ARTESIA DISTRICT

AUG 17 2018

DISTRICT I  
1625 N. FRENCH DR., HOBBBS, NM 88240  
Phone: (505) 333-6161 Fax: (505) 333-0723

DISTRICT II  
814 S. FIRST ST., ARTESIA, NM 88210  
Phone: (505) 746-1883 Fax: (505) 746-9723

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

DISTRICT IV  
1850 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

RECEIVED

Form C-102  
Revised August 1, 2011  
Ready to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-45184</b>	Pool Code <b>98220</b>	Pool Name <b>Purple Sage; Wolfcamp Gas</b>
Property Code <b>316775</b>	Property Name <b>ROADRUNNER FEDERAL COM</b>	Well Number <b>23H</b>
OGRID No. <b>229137</b>	Operator Name <b>COG OPERATING, LLC</b>	Elevation <b>3350.6</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	36	25-S	26-E		210	SOUTH	2180	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
C	25	25-S	26-E		200	NORTH	1980	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
<b>640</b>			

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

**NAD 83 NME PROPOSED BOTTOM HOLE LOCATION**  
Y=402883.8 N  
X=567645.6 E  
LAT.=32.107578° N  
LONG.=104.248366° W

**NAD 83 NME SURFACE LOCATION**  
Y=392706.2 N  
X=567724.1 E  
LAT.=32.079600° N  
LONG.=104.248138° W

**Y=403084.3 N**  
**X=565668.4 E**

**Y=403083.6 N**  
**X=568325.1 E**

**Y=392486.8 N**  
**X=565540.5 E**

**Y=392498.3 N**  
**X=568205.1 E**

**Y=32.104479° N**  
**LONG.=104.248412° W**

**330' FSL & 1980' FWL**  
**LAT.=32.107221° N**  
**LONG.=104.248371° W**

**330' FSL & 1980' FWL**  
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**GRID AZ. TO FTP**  
**300°59'53"**

**GRID AZ. - 00°40'56"**  
**HORZ. DIST. - 10059.2**

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**State Minerals**

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

## Drilling Plan Data Report

08/13/2018

APD ID: 10400029025

Submission Date: 04/19/2018

Operator Name: COG OPERATING LLC

Well Name: ROADRUNNER FEDERAL COM

Well Type: OIL WELL

Well Number: 23H

Well Work Type: Drill

Highlighted data  
reflects the most  
recent changes

[Show Final Text](#)

### Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1	QUATERNARY	3351	0	0		NONE	No
2	RUSTLER	3311	40	40		NONE	No
3	TOP SALT	2951	400	400	SALT	NONE	No
4	BASE OF SALT	1511	1840	1840	ANHYDRITE	NONE	No
5	LAMAR	1322	2029	2029	LIMESTONE	OTHER : Salt Water	No
6	BELL CANYON	1277	2074	2074		OTHER : Salt Water	No
7	CHERRY CANYON	416	2935	2935		NATURAL GAS,OIL	No
8	BRUSHY CANYON	-672	4023	4023		NATURAL GAS,OIL	No
9	BONE SPRING LIME	-2245	5596	5596	SANDSTONE	NATURAL GAS,OIL	No
10	UPPER AVALON SHALE	-2529	5880	5880		NATURAL GAS,OIL	No
11	—	-2775	6126	6126		NATURAL GAS,OIL	No
12	BONE SPRING 1ST	-3206	6557	6557		NATURAL GAS,OIL	No
13	BONE SPRING 2ND	-3927	7278	7278		NATURAL GAS,OIL	No
14	BONE SPRING 3RD	-5034	8385	8385		NATURAL GAS,OIL	No
15	WOLFCAMP	-5387	8738	8738		NATURAL GAS,OIL	Yes

### Section 2 - Blowout Prevention