

Rev 4-6-18



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

## Drilling Plan Data Report

03/27/2018

APD ID: 10400025454

Submission Date: 12/20/2017

Highlighted data  
reflects the most  
recent changes

Operator Name: COG OPERATING LLC

Well Name: ROADRUNNER FEDERAL COM

Well Number: 3H

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Well Type: OIL WELL

Well Work Type: Drill

### Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1	QUATERNARY	3241	0	0		NONE	No
2	RUSTLER	3066	175	175		NONE	No
3	TOP SALT	2983	258	258	SALT	NONE	No
4	BASE OF SALT	1549	1692	1692	ANHYDRITE	NONE	No
5	LAMAR	1359	1882	1882	LIMESTONE	OTHER : Salt Water	No
6	BELL CANYON	1314	1927	1927		OTHER : Salt Water	No
7	CHERRY CANYON	453	2788	2788		NATURAL GAS,OIL	No
8	BRUSHY CANYON	-633	3874	3874		NATURAL GAS,OIL	No
9	BONE SPRING LIME	-2207	5448	5448	SANDSTONE	NATURAL GAS,OIL	No
10	UPPER AVALON SHALE	-2509	5750	5750		NATURAL GAS,OIL	No
11	---	-2735	5976	5976		NATURAL GAS,OIL	No
12	BONE SPRING 1ST	-3167	6408	6408		NATURAL GAS,OIL	No
13	BONE SPRING 2ND	-4141	7382	7382		NATURAL GAS,OIL	Yes

### Section 2 - Blowout Prevention