

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 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 Road, Artec, 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) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

RECEIVED
AUG 10 2018
DISTRICT II-ARTESIA

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APT Number 30-015 45164		3 Pool Code 98220		5 Pool Name Purple Sage-Wolfcamp Gas	
4 Property Code 322243		6 Property Name LITTLEFIELD 33 FEDERAL COM			7 Well Number 707H
8 GRID No. 229137		9 Operator Name COG OPERATING, LLC			10 Elevation 2862.2

10 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	826	WEST	EDDY

11 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	942	WEST	EDDY

12 Dedicated Acres 463.13	13 Joint or Infill	14 Consolidation Code	15 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.

N=371579.97 E=646637.79 N=371608.18 E=645293.46 BOTTOM OF HOLE 200' FNL, 942' FWL LAT. = 32.0205773°N LONG. = 103.9948748°W NMSP EAST (FT) N = 371389.17 E = 646232.43 NMNM038636 NMLC0065928A N=366298.74 E=645236.49 LITTLEFIELD 33 FED COM 707H ELEV. = 2862.2' LAT. = 32.0007978°N (NAD 83) LONG. = 103.9955318°W NMSP EAST (FT) N = 364193.33 E = 646051.30 N=363942.29 E=645224.02 N=363943.86 E=646548.23 N=371551.75 E=647982.13 LAST TAKE POINT 330' FNL, 942' FWL LAT. = 32.0202200°N LONG. = 103.9948813°W SEC 28 LATITUDE AND LONGITUDE VALUES ARE NAD 83 STATE PLANE VALUES ARE NMSP EAST GRID GRID AZ. = N00°31'14"E HORIZ. DIST. = 6987.93 FT PRODUCTION AREA PROJECT AREA SEC 33 FIRST TAKE POINT 330' FSL, 942' FWL LAT. = 32.0010160°N LONG. = 103.9951567°W GRID AZ. TO TIP N55°30'41"E N=366317.47 E=647878.26 N=366308.11 E=646957.37 N=363945.44 E=647872.45 NEW MEXICO TEXAS		" OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unshared 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Mayte Reyes 3-18-18 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. JANUARY 16, 2018 Date of Survey F. JARAMILLO Signature and Seal of Professional Surveyor Certificate Number: FJL0007F, JARAMILLO, PLS 12797 SURVEY NO. 5784
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Section 33 Lot 8: 46.09 Lot 7: 46.05 Lot 9: 25.35 Lot 10: 25.64

rw 8-13-18



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

Drilling Plan Data Report

08/02/2018

APD ID: 10400029711

Submission Date: 05/03/2018

Highlighted data
reflects the most
recent changes

Operator Name: COG OPERATING LLC

Well Name: LITTLEFIELD 33 FEDERAL COM

Well Number: 707H

Show Final Text

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	2862	0	0		NONE	No
2	RUSTLER	2391	471	471		NONE	No
3	TOP SALT	2238	624	624	SALT	NONE	No
4	BASE OF SALT	237	2625	2625	ANHYDRITE	NONE	No
5	LAMAR	52	2810	2810	LIMESTONE	OTHER : Salt Water	No
6	DELAWARE	12	2850	2850		OTHER : Salt Water	No
7	BONE SPRING	-3640	6502	6502		NATURAL GAS,OIL	No
8	BONE SPRING 1ST	-4557	7419	7419		NATURAL GAS,OIL	No
9	BONE SPRING 2ND	-5706	8568	8568	SANDSTONE	NATURAL GAS,OIL	No
10	BONE SPRING 3RD	-6421	9283	9283		NATURAL GAS,OIL	No
11	WOLFCAMP	-6785	9647	9647		NATURAL GAS,OIL	Yes
12	WOLFCAMP	-7254	10116	10116		NATURAL GAS,OIL	No
13	WOLFCAMP	-7548	10410	10410		NATURAL GAS,OIL	No
14	WOLFCAMP	-7884	10746	10746		NATURAL GAS,OIL	No
15	STRAWN	-9338	12200	12200		NATURAL GAS,OIL	No

Section 2 - Blowout Prevention