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

ARTESIA DISTRICT

FEB 01 2018

RECEIVED

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015- 44657		2 Pool Code 97918		3 Pool Name Burch Keely; Glorieta-Upper Yeso	
4 Property Code 308086		5 Property Name BURCH KEELY UNIT			6 Well Number 951H
7 GRID NO. 229137		8 Operator Name COG OPERATING, LLC			9 Elevation 3584'

10 Surface Location

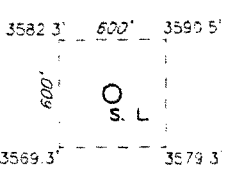
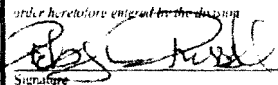
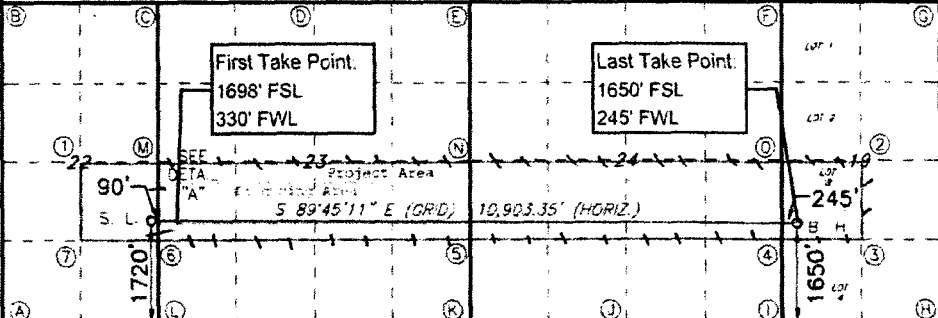
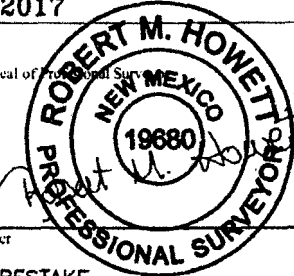
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North South line	Feet From the	East West line	County
I	22	17S	29E		1720	SOUTH	90	EAST	EDDY

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
3	19	17S	30E		1650	SOUTH	245	WEST	EDDY

12 Dedicated Acres 357.41	13 Joint or Infill	14 Consolidation Code	15 Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

16 GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 661264.3 - E: 627047.8 LAT: 32.81753289° N LONG: 104.05433438° W BOTTOM HOLE N: 661217.3 - E: 637948.3 LAT: 32.81731977° N LONG: 104.01885263° W DETAIL "A" 		17 CORNER DATA NAD 83 GRID - NM EAST A: CALCULATED CORNER N: 659543.8 - E: 624501.8 B: FOUND 1" IRON PIPE N: 664821.2 - E: 624477.3 C: FOUND BRASS CAP "1914" N: 664824.0 - E: 627124.4 D: FOUND 1/2" REBAR N: 664826.4 - E: 629765.3 E: FOUND 1" STEEL PIPE N: 664828.6 - E: 632407.9 F: FOUND BRASS CAP "1914" N: 664840.4 - E: 637685.9 G: FOUND BRASS CAP "1997" N: 664849.8 - E: 640242.9 H: FOUND BRASS CAP "1916" N: 659574.2 - E: 640262.1 I: FOUND 2 1/2" STEEL PIPE N: 659567.0 - E: 637708.9 J: FOUND 1/2" REBAR N: 659559.8 - E: 635063.4 K: FOUND 2" IRON PIPE N: 659552.3 - E: 632418.3 L: FOUND BRASS CAP "1914" N: 659544.7 - E: 627143.8 M: FOUND BRASS CAP "1914" N: 662184.5 - E: 627134.6 N: FOUND 3/4" IRON PIPE N: 662189.9 - E: 632413.4 O: FOUND BRASS CAP "1914" N: 662203.0 - E: 637700.0 CALCULATED POINTS 1: N: 662183.6 - E: 625812.0 2: N: 662207.2 - E: 638974.0 3: N: 660889.5 - E: 638979.2 4: N: 660885.7 - E: 637704.4 5: N: 660871.1 - E: 632415.9 6: N: 660864.6 - E: 627139.1 7: N: 660863.9 - E: 625817.4		18 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 an undivided 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.  Signature _____ Date 9/05/17 Robyn M. Russell Printed Name Russell@concho.com E-mail Address	
		19 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. 3-15-2017 Date of Survey Signature and Seal of Professional Surveyor  19680 Certificate Number 3/15/17 RESTAKE			

RRC - Firm No.: TX 10193838 NM 4655451 - Job No.: LS130146R2

RUC 2-2-2018



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

Drilling Plan Data Report

01/30/2018

APD ID: 10400011772

Submission Date: 04/20/2017

Highlighted data
reflects the most
recent changes

Operator Name: COG OPERATING LLC

Well Name: BURCH KEELY UNIT

Well Number: 951H

[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	UNKNOWN	3584	0	0	ALLUVIUM	USEABLE WATER	No
2	TOP SALT	3284	300	300	SALT	OTHER : Salt	No
3	TANSILL	2794	790	790	DOLOMITE	NONE	No
4	YATES	2689	895	895	SANDSTONE,DOLOMIT E	NATURAL GAS,OIL	No
5	SEVEN RIVERS	2389	1195	1195	SANDSTONE,DOLOMIT E	NATURAL GAS,OIL	No
6	QUEEN	1784	1800	1800	SANDSTONE	NATURAL GAS,OIL	No
7	GRAYBURG	1416	2168	2168	SANDSTONE,DOLOMIT E	NATURAL GAS,OIL	No
8	SAN ANDRES	1094	2490	2490	DOLOMITE,ANHYDRIT E	NATURAL GAS,OIL	No
9	GLORIETA	-391	3975	3975	SANDSTONE,SILTSTO NE	NATURAL GAS,OIL	No
10	PADDOCK	-463	4047	4047	DOLOMITE	NATURAL GAS,OIL	No
11	BLINEBRY	-986	4570	4570	DOLOMITE	NATURAL GAS,OIL	Yes
12	TUBB	-2086	5670	5670	SANDSTONE,DOLOMIT E	NATURAL GAS,OIL	No

Section 2 - Blowout Prevention

Pressure Rating (PSI): 2M

Rating Depth: 9500

Equipment: All required equipment per Federal and State regulations to be in place prior to drilling out the Surface casing.

Requesting Variance? NO

Variance request:

Testing Procedure: BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure of 2000 psi per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure of 2000 psi. If the system is upgraded all the components installed will be functional and tested. Pipe rams will be