

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 RD., AZTEC, 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, New Mexico 87505

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

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-025-43552</b>	Pool Code <b>98097</b>	Pool Name <b>Sanders Tank; Upper Wolfcamp</b>
Property Code <b>315647</b>	Property Name <b>VAST STATE</b>	Well Number <b>23H</b>
OGRID No. <b>229137</b>	Operator Name <b>COG OPERATING, LLC</b>	Elevation <b>3261.3'</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
P	17	26-S	33-E		210	SOUTH	1205	EAST	LEA

**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
A	17	26-S	33-E		200	NORTH	1305	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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

<p>BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE VAST STATE #23H SUPPLIED TO HARCROW SURVEYING, LLC ON NOVEMBER 1, 2017</p>	<p>Y=383006.2 N X=771625.8 E</p> <p>200'</p> <p>B.H.</p>	<p>1305'</p> <p>DRILL PATH</p> <p>210'</p> <p>S.L.</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>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 hole 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 compulsory pooling order heretofore entered by the division.</p> <p><i>Stormi Davis</i> 11/14/17 Signature Date</p> <p>Stormi Davis Printed Name</p> <p>sdavis@concho.com E-mail Address</p>	
	<p>LOWER PERF - 16,845'</p>			<p>Y=383014.7 N X=772949.0 E</p>
	<p>NAD 83 NME BOTTOM HOLE LOCATION Y=382805.8 N X=771645.2 E LAT.=32.050233° N LONG.=103.589980° W</p>			<p>Y=377734.9 N X=772980.3 E</p>
	<p>NAD 83 NME SURFACE LOCATION Y=377936.7 N X=771774.0 E LAT.=32.036847° N LONG.=103.589673° W</p>			<p>UPPER PERF - 12,402'</p> <p>Y=377726.0 N X=771660.3 E</p>

**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.

DEC. 12, 2016/APR. 30, 2017  
Date of Survey

Signature & Seal of Professional Surveyor

**CHAD L. HARCROW**  
NEW MEXICO  
17777  
LICENSED PROFESSIONAL SURVEYOR

*Chad Harcrow* 11/13/17  
Certificate No. CHAD HARCROW 17777  
W.O. # 17-1415 DRAWN BY: VD