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DISTRICT III  
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DISTRICT IV  
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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 to appropriate

District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-025-46066</b>	Pool Code <b>97369</b>	Pool Name <b>Red Hills; Bone Spring, East</b>
Property Code <b>325724</b>	Property Name <b>BROT HELM FEDERAL COM</b>	Well Number <b>602H</b>
OGRID No. <b>229137</b>	Operator Name <b>COG OPERATING, LLC</b>	Elevation <b>3415.9'</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
A	35	24-S	34-E	A	250	NORTH	1225	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
P	2	25-S	34-E	P	50	SOUTH	1310	EAST	LEA

Dedicated Acres <b>640</b>	Joint or Infill	Consolidation Code	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

<b>NAD 83 NME SURFACE LOCATION</b> Y=430581.1 N X=818896.7 E LAT.=32.180563° N LONG.=103.436200° W	<b>Y=430830.5 N</b> <b>X=818805.6 E</b> <b>FTP</b> 100' FSL & 1310' FEL Y=430730.5 N X=818809.8 E LAT.=32.180976° N LONG.=103.436477° W <b>GRID A2 TO FTP</b> 329'49.33'	<b>Y=430839.4 N</b> <b>X=820118.5 E</b> S.L. 1225'	<b>OPERATOR CERTIFICATION</b> 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. <i>Stan Wagner</i> 2/21/19 Signature Date <b>Stan Wagner</b> Printed Name E-mail Address
<b>NAD 83 NME PROPOSED BOTTOM HOLE LOCATION</b> Y=420325.9 N X=818905.4 E LAT.=32.152376° N LONG.=103.436448° W	<b>T 24 S</b> <b>SECTION 35</b> <b>SECTION 2</b> <b>T 25 S</b> <b>LOT 4</b> 39.97 Ac 40.00 Ac 40.03 Ac 40.07 Ac	<b>LEASE X-INC</b> LAT.=32.166745° N LONG.=103.436463° W <b>GRID A2</b> - 179'28.23" HORIZ. DIST. - 10405.1' <b>LIP</b> 100' FSL & 1310' FEL Y=420375.9 N X=818905.0 E LAT.=32.152513° N LONG.=103.436448° W <b>Y=420275.8 N</b> <b>X=818892.4 E</b> <b>B.H.</b> 50' 1310'	<b>SURVEYOR CERTIFICATION</b> 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. <b>DECEMBER 17, 2018</b> Date of Survey Signature & Seal of Professional Surveyor <b>CHAD L. HARCROW</b> NEW MEXICO 17777 LICENSED PROFESSIONAL SURVEYOR <i>Chad Harcrow</i> 1/25/19 Certificate No. CHAD HARCROW 17777 W.O. # 18-1834 DRAWN BY: AM