

Submit 1 Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised August 1, 2011

OIL CONSERVATION DIVISION  
 NM OIL CONSERVATION DISTRICT  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505  
 MAR 04 2016

WELL API NO. <b>30-015-42967</b>
Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Halberd 27 State Com</b>
8. Well Number <b>1H</b>
9. OGRID Number <b>229137</b>
10. Pool name or Wildcat <b>Artesia; Glorieta Yeso 96830</b> ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3680'</b>

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
**COG Operating LLC**

3. Address of Operator  
**One Concho Center - 600 W Illinois Ave Midland, TX 79701**

4. Well Location  
 Unit Letter **M** : **1003** feet from the **SOUTH** line and **65** feet from the **WEST** line  
 Section **27** Township **17S** Range **28E** NMPM County **EDDY**

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <b>Change Pool</b> <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

**COG Operating LLC respectfully requests permission to change the pool to: 3-5-15**

**NM OIL CONSERVATION**  
 ARTESIA DISTRICT  
 MAR 04 2016

**Artesia; Glorieta Yeso 96830**

Spud Date:

Rig Release Date:

**RECEIVED**

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE **Permitting Tech** DATE **03/02/2016**

Type or print name **Kelly J. Holly** E-mail address: **kholly@concho.com** PHONE: **432-685-4384**

**For State Use Only**

APPROVED BY:  TITLE **Dr. J. S. Johnson** DATE **3/14/16**

Conditions of Approval (if any):

*KS*  
 3/23/16

District I  
1625 N. French Dr., Hobbs, NM 88240  
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Phone: (575) 748-1283 Fax: (575) 748-9720  
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District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

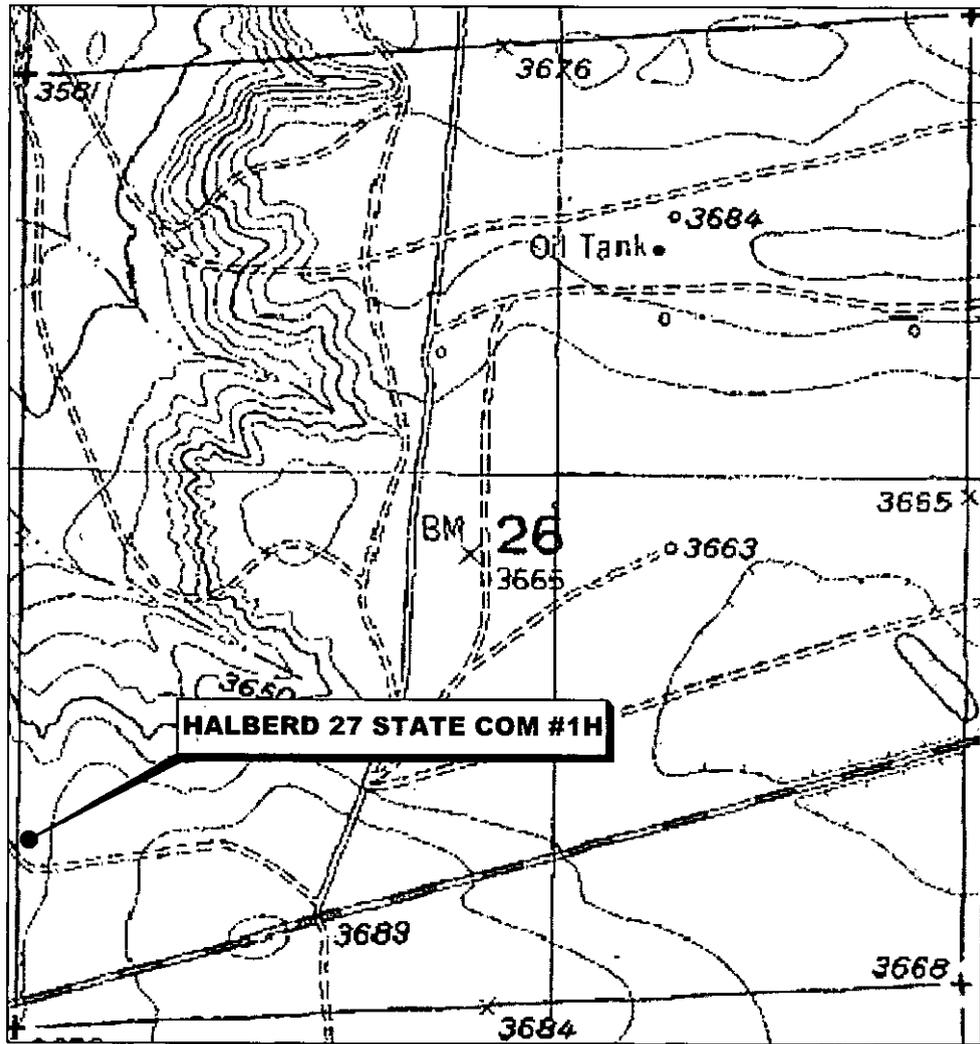
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number <b>30-015-42967</b>		2 Pool Code <b>96830</b>		3 Pool Name <b>Artesia; Clorieta Yeso</b>					
4 Property Code		5 Property Name <b>HALBERD 27 STATE COM</b>			6 Well Number <b>1H</b>				
7 GRID NO. <b>229137</b>		8 Operator Name <b>COG OPERATING, LLC</b>			9 Elevation <b>3680'</b>				
10 Surface Location									
UL or lot no. <b>M</b>	Section <b>26</b>	Township <b>17S</b>	Range <b>28E</b>	Lot Idn	Feet from the <b>1003</b>	North/South line <b>SOUTH</b>	Feet From the <b>65</b>	East/West line <b>WEST</b>	County <b>EDDY</b>
11 Bottom Hole Location If Different From Surface									
UL or lot no. <b>M</b>	Section <b>27</b>	Township <b>17S</b>	Range <b>28E</b>	Lot Idn	Feet from the <b>976</b>	North/South line <b>SOUTH</b>	Feet from the <b>330</b>	East/West line <b>WEST</b>	County <b>EDDY</b>
12 Dedicated Acres <b>160</b>		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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.

<p style="text-align: center;">16</p> <p style="text-align: center;">27      26</p> <p style="text-align: center;">S. L.      S. L.</p> <p style="text-align: center;">S 88°57'06" W (GRID) 4969.01' (HORIZ.)</p> <p style="text-align: center;">330'      65'      330'</p> <p style="text-align: center;">972'      1003'      330'</p> <p style="text-align: center;">330'</p> <p style="text-align: center;">GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 655242.3 - E 554871.0 LAT: 32.80122316° N LONG: 104.15475697° W BOTTOM LOCATION N 655151.4 - E 549902.8</p> <p style="text-align: center;">CORNER DATA NAD 27 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1941" N 654171.7 - E 549562.6</p> <p>B: FOUND BRASS CAP "1941" N 656782.8 - E 549589.7</p> <p>C: FOUND BRASS CAP "1941" N 659394.4 - E 549615.6</p> <p>D: FOUND BRASS CAP "1941" N 659403.5 - E 552227.1</p> <p>E: FOUND BRASS CAP "1941" N 659411.7 - E 554838.6</p> <p>F: FOUND BRASS CAP "1941" N 659612.6 - E 557438.4</p> <p>G: FOUND BRASS CAP "1941" N 659806.8 - E 560025.7</p> <p>H: FOUND BRASS CAP "1941" N 657151.1 - E 560029.7</p> <p>I: FOUND BRASS CAP "1941" N 654489.2 - E 560017.8</p> <p>J: FOUND BRASS CAP "1941" N 654360.8 - E 557407.3</p> <p>K: FOUND BRASS CAP "1941" N 654234.8 - E 554798.0</p> <p>L: FOUND BRASS CAP "1941" N 654203.5 - E 552180.8</p> <p>M: FOUND BRASS CAP "1941" N 656823.2 - E 554818.4</p> <p>1: CALCULATED CORNER N 654297.8 - E 556102.7</p> <p>2: CALCULATED CORNER N 655601.5 - E 556111.6</p> <p>3: CALCULATED CORNER N 655529.0 - E 554808.2</p> <p>4: CALCULATED CORNER N 655477.2 - E 549516.2</p>	<p style="text-align: center;">17 OPERATOR CERTIFICATION</p> <p><i>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 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order hereinafter approved by the division.</i></p> <p style="text-align: right;">Signature:  Date: <b>3-2-2016</b></p> <p style="text-align: center;">Printed Name: <b>Kelly J. Holly</b></p> <p style="text-align: center;">E-mail Address: <b>kholly@concho.com</b></p> <p style="text-align: center;">18 SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p style="text-align: center;">Date of Survey: <b>10-14-2014</b></p> <p style="text-align: center;">Signature and Seal of Professional Surveyor: </p> <p style="text-align: center;">Certificate Number: <b>19680</b></p>
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# LOCATION VERIFICATION MAP



SECTION 26, TWP. 17 SOUTH, RGE. 28 EAST,  
N. M. P. M., EDDY CO., NEW MEXICO

OPERATOR: COG Operating, LLC  
 LEASE: Halberd 27 State Com  
 WELL NO.: 1H  
 ELEVATION: 3680'

LOCATION: 1003' FSL & 65' FWL  
 CONTOUR INTERVAL: 10'  
 USGS TOPO. SOURCE MAP:  
Red Lake, NM (1955)

Firm No.: TX 10193838 NM 4655451

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NO.	REVISION	DATE
JOB NO.: LS140388		
DWG. NO.: 140388LVM		

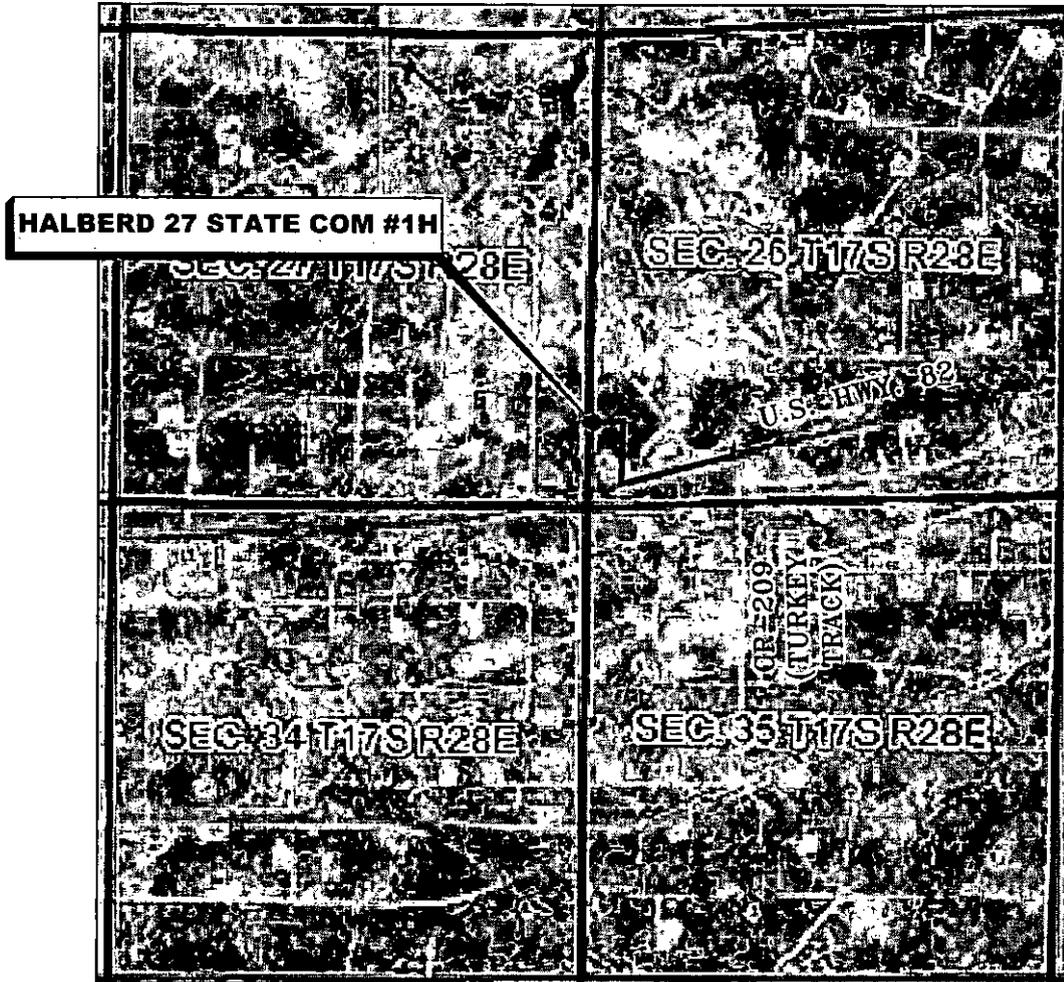
# RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'  
 DATE: 10-14-2014  
 SURVEYED BY: GB/DH  
 DRAWN BY: ARJ  
 APPROVED BY: RMH  
 SHEET : 1 OF 1

# VICINITY MAP

NOT TO SCALE



SECTION 26, TWP. 17 SOUTH, RGE. 28 EAST,  
N. M. P. M., EDDY CO., NEW MEXICO

OPERATOR: COG Operating, LLC  
 LEASE: Halberd 27 State Com  
 WELL NO.: 1H

LOCATION: 1003' FSL & 65' FWL  
 ELEVATION: 3680'

Firm No.: TX 10193838 NM 4655451

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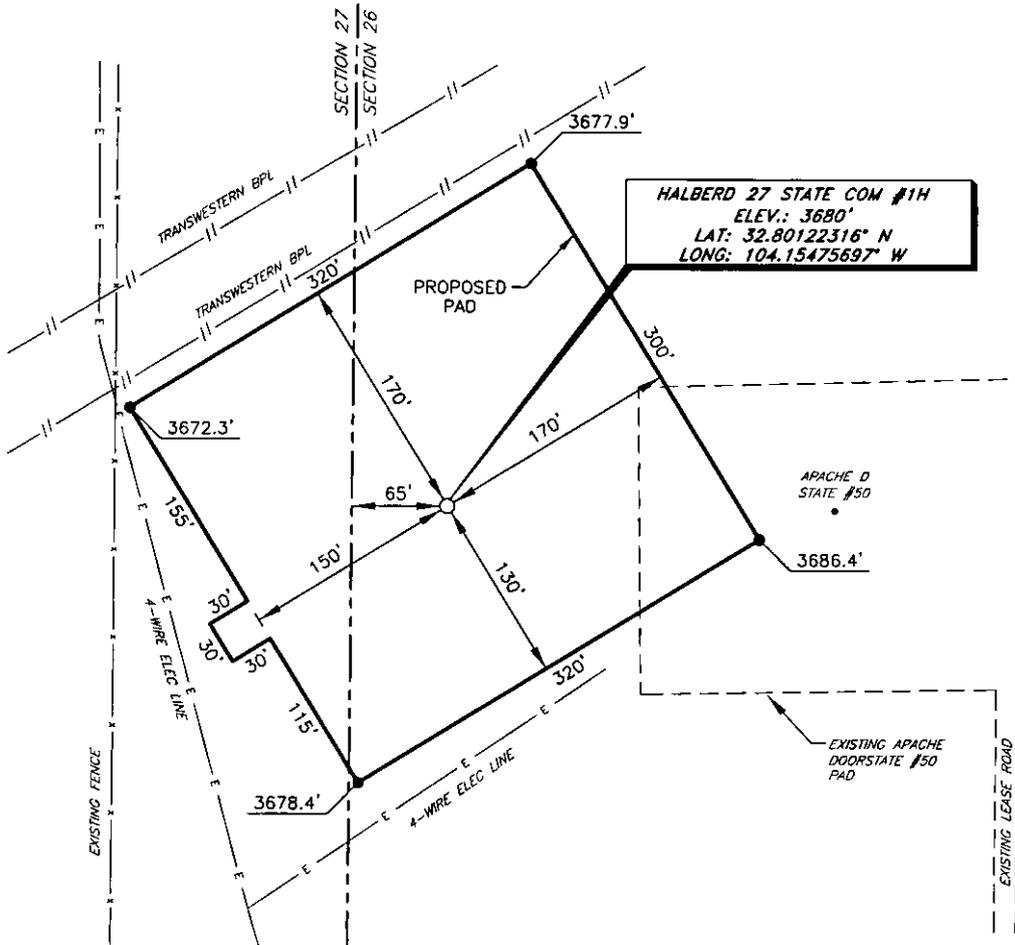
NO.	REVISION	DATE
JOB NO.: LS140388		
DWG. NO.: 140388VM		

# RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: NTS
DATE: 10-14-2014
SURVEYED BY: GB/DH
DRAWN BY: ARJ
APPROVED BY: RMH
SHEET : 1 OF 1

COG OPERATING, LLC  
 HALBERD 27 STATE COM #1H  
 (1003' FSL & 65' FWL)  
 SECTION 26, T17S, R28E  
 N. M. P. M., EDDY CO., NEW MEXICO



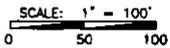
DIRECTIONS TO LOCATION

From the intersection of U.S. Hwy. 82 and CR-209 (Turkey Track),  
 Go North on CR-209 approx. 30 feet to a lease road;

Turn left on a lease road and go West approx. 0.2 miles to  
 a lease road;

Turn right on a lease road and go North approx 0.1 miles  
 to the Apache Doorstate #50;

Location is approx. 265 feet West of the existing Apache D State #50.



BEARINGS ARE  
 NAD 27 GRID - NM EAST  
 DISTANCES ARE  
 GROUND.

Firm No.: TX 10193838 NM 4655451

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NO.	REVISION	DATE
JOB NO.: LS140388		
DWG. NO.: 140388PAD		

**RRC**

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 100'
DATE: 10-14-2014
SURVEYED BY: GB/DH
DRAWN BY: ARJ
APPROVED BY: RMH
SHEET : 1 OF 1