

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410

DISTRICT IV  
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

**RECEIVED**

MAY 29 2012

**NMOCD ARTESIA**

Form C-102  
Revised July 16, 2010  
Submit to Appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-015-39903	Pool Code 97917	Pool Name Dodd; Glorieta Upper Yeso
Property Code 308195	Property Name <b>DODD FEDERAL UNIT</b>	Well Number 667
OGRID No. 229137	Operator Name <b>COG OPERATING, LLC</b>	Elevation 3599'

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	15	17-S	29-E		2128	SOUTH	1360	EAST	EDDY

**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
I	15	17-S	29-E		1980	SOUTH	979	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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><b>GEODETIC COORDINATES</b> NAD 27 NME</p> <p><b>SURFACE LOCATION</b> Y=666886.6 N X=584580.2 E</p> <p>LAT.=32.833055° N LONG.=104.057971° W</p>		<p>3605.8' 3598.3'</p> <p>600'</p> <p>3599.9' 3593.9'</p> <p><b>DETAIL</b></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>Chasity Jackson</i> 5/23/12 Signature Date</p> <p>Chasity Jackson Printed Name</p> <p>cjackson@concho.com E-mail Address</p>	
<p><b>BOTTOM HOLE LOCATION</b> (A)</p> <p>Y=666738.9 N X=584950.6 E</p>		<p>GRID AZ.=111°43'43" HORZ. DIST.=398.9'</p> <p>1360'</p> <p>979'</p> <p>2128'</p> <p>1980'</p> <p>S.L. SEE DETAIL</p>		<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>SEPTEMBER 7, 2011 Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor: <i>Ronald J. Eidson</i></p> <p>3239 NEW MEXICO PROFESSIONAL SURVEYOR</p> <p>Certificate Number: Gary G. Eidson 12641 Ronald J. Eidson 3239</p> <p>LA JWSC W.O.: 11.11.1329</p>	
<p><b>SECTION, QUARTER &amp; SIXTEENTH CORNER COORDINATES</b></p> <p>(A) - Y=667390.2, X=583293.1</p> <p>(B) - Y=666074.0, X=583295.7</p> <p>(C) - Y=667404.9, X=585938.7</p> <p>(D) - Y=666082.7, X=585942.0</p>					

30-015-39903

# CAVALOZ DRILLING

P.O. BOX 1500 (575) 3910699 FAX (575) 391- 3824 HOBBS, NEW MEXICO 88241

## INCLINATION REPORT

DATE: 4/2/12

WELL NAME AND NUMBER DODD FED #667  
LOCATION EDDY COUNTY  
OPERATOR: COG LLC  
DRILLING CONTRACTOR: CAVALOZ DRILLING RIG #1

THE UNDERSIGNED HEREBY CERTIFIES THAT HE IS AN AUTHORIZED REPRESENTATIVE OF THE DRILLING CONTRACTOR WHO DRILLED THE ABOVE DESCRIBED WELL AND THAT HE HAS CONDUCTED DEVIATION TEST AND OBTAINED THE FOLLOWING RESULTS:

DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH
1	139				
0.2	294				
0.7	704				
0.6	940				

DRILLING CONTRACTOR:  
CAVALOZ DRILLING



OFFICIAL SEAL  
DINA CHAVARRIA  
NOTARY PUBLIC - STATE OF NEW MEXICO  
BY: Bob Wegner  
BOB WEGNER  
DRILLING SUPERINTENDENT  
My commission expires: 3-1-2015

SUBSCRIBED AND SWORN TO BEFORE ME ON THE 2<sup>nd</sup> DAY OF April, 2012

MY COMMISSION EXPIRES: 3-1-2015 Dina Chavarria