

## State of New Mexico

## DISTRICT I

1626 N. FRENCH DR., HOBBES, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

Revised October 12, 2005

## DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

## OIL CONSERVATION DIVISION

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

1220 SOUTH ST. FRANCIS DR.

Santa Fe, New Mexico 87505

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-35125	Pool Code 96718	Pool Name Loco Hills Paddock
Property Code 302562	Property Name SHAWNEE FEDERAL	Well Number 3
OGRID No. 229137	Operator Name COG OPERATING LLC	Elevation 3693'

## 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	30-E		2134	SOUTH	2310	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

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>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=666960.7 N X=615227.4 E</p> <p>LAT.=32°49'58.80" N LONG.=103°57'29.50" W</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>Jerry W. Sherrell</i> 4/25/06 Signature Date</p> <p>Jerry W. Sherrell Printed Name</p> <hr/> <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>MARCH 10, 2006</p> <p>Date Surveyed: REVISION DATE APRIL 13, 2006 Signature &amp; Seal of Professional Surveyor MR</p> <p><i>Gary A. Edson</i> 4/13/06 06.11.0481</p> <p>Certificate No. GARY EDSON 12641</p>
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PO Box 1370  
Artesia, NM 88211-1370  
(505) 748-1288

July 10, 2007

COG, LLC  
Fasken Center, Tower II  
550 West Texas Ave, Suite 1300  
Midland, TX 79701

RE: Shawnee Federal #3  
2310' FSL & 2310' FEL  
Sec. 15, T17S, R30E  
Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
189.00	1.50	3030.00	1.50	5464.00	2.00
343.00	1.50	3340.00	1.00	5591.00	1.75
678.00	1.50	3753.00	1.25	5719.00	2.00
1083.00	1.50	4153.00	1.50	5814.00	1.25
1368.00	2.50	4546.00	1.00	5941.00	1.75
1560.00	0.75	5055.00	3.25	6068.00	1.50
1775.00	1.00	5145.00	3.00	6200.00	1.25
1975.00	1.00	5246.00	3.00	6322.00	1.25
2389.00	1.00	5346.00	1.50	6460.00	1.00
2712.00	1.50	5433.00	3.25		

Very truly yours,

Eddie LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 10<sup>th</sup> day of July, 2007.

  
Notary Public