

DISTRICT I

1625 N. FRENCH DR., HOHES, NM 88240

DISTRICT II

1201 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV

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

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.

Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

| | | |
|----------------------------|-------------------------------------|--|
| API Number 30-015-37187 | Pool Code 96718 | Pool Name LOCO HILLS; GLORIETA-YESO |
| Property Code 302440 | Property Name HARVARD FEDERAL | Well Number 19 |
| GRID No. 229137 | Operator Name COG OPERATING, LLC | Elevation 3748' |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| E | 12 | 17-S | 30-E | | 1675 | NORTH | 330 | WEST | EDDY |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------------|-----------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |
| Dedicated Acres 40 | Joint or Infill | Consolidation Code | Order No. | | | | | | |

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>DETAIL</p> <p>3751.3' 3754.1'</p> <p>3743.1' 3745.4'</p> <p>600'</p> <p>600'</p> | <p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=673743.9 N X=623126.8 E</p> <p>LAT.=32.851564° N LONG.=103.932395° W</p> | <p>OPERATOR CERTIFICATION</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> 11/24/09 Signature Date</p> <p>Chasity Jackson Printed Name</p> |
| | <p>SURVEYOR CERTIFICATION</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>APRIL 30 2009</p> <p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>Ronald J. Eidson</i> 5/10/09</p> <p>Certificate No. GARY G. EIDSON 12641 RONALD J. EIDSON 3239</p> | | |