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DISTRICT II  
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Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III  
1000 Rio Brazos Road, Aztec, NM 87410  
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DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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 one copy to appropriate District Office

FEB 23 2015

AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                   |  |   |
|-----------------------------------|--|---|
| API Number<br><b>30-015-42364</b> | Pool Code<br><b>96610</b>                  | Pool Name<br><b>Empire; Glorieta-YCSU, East</b> |
| Property Code<br><b>308705</b>    | Property Name<br><b>BARNSDALL FEDERAL</b>  | Well Number<br><b>020</b>                       |
| OGRID No.<br><b>873</b>           | Operator Name<br><b>APACHE CORPORATION</b> | Elevation<br><b>3588'</b>                       |

Surface Location

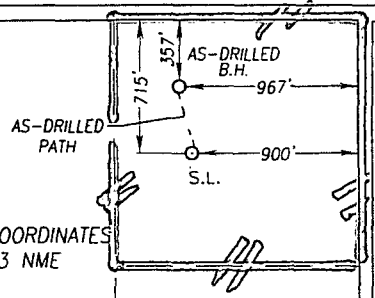
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| A             | 27      | 17-S     | 29-E  |         | 715           | NORTH            | 900           | EAST           | EDDY   |

AS-DRILLED 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| A             | 27      | 17-S     | 29-E  |         | 357           | NORTH            | 967           | EAST           | EDDY   |

|                              |                 |                    |           |
|------------------------------|-----------------|--------------------|-----------|
| Dedicated Acres<br><b>40</b> | 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><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>[Signature]</i> 02/18/15<br/>Signature Date<br/><b>Fatima Vasquez</b><br/>Printed Name<br/><b>Fatima.Vasquez@apachecorp.com</b><br/>E-mail Address</p> |  |
| <p><b>GEODETIC COORDINATES</b><br/>NAD 27 NME</p> <p><b>SURFACE LOCATION</b><br/>Y=658766.1 N<br/>X=585067.0 E</p> <p>LAT.=32.810730° N<br/>LONG.=104.056456° W</p> <p>LAT.=32° 48' 39" N<br/>LONG.=104° 03' 23" W</p> | <p><b>GEODETIC COORDINATES</b><br/>NAD 83 NME</p> <p><b>SURFACE LOCATION</b><br/>Y=658829.4 N<br/>X=626246.0 E</p> <p>LAT.=32.810846° N<br/>LONG.=104.056965° W</p> <p>LAT.=32° 48' 39" N<br/>LONG.=104° 03' 25" W</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>DECEMBER 27, 2010<br/>Date of Survey</p> <p><i>[Signature]</i><br/>Signature &amp; Seal of Professional Surveyor</p> <p>3239<br/>REGISTERED PROFESSIONAL SURVEYOR</p> <p>02/17/2015<br/>Certificate Number</p> <p>Gary G. Eidson 12641<br/>Ronald J. Eidson 3239</p> <p>LSL REL W.O.: 13.13.0973 JWSC W.O.: 15.13.0231</p>  |  |
| <p><b>AS-DRILLED BOTTOM HOLE LOCATION</b><br/>Y=659123.8 N<br/>X=584998.8 E</p> <p>LAT.=32.811714° N<br/>LONG.=104.056675° W</p> <p>LAT.=32° 48' 42" N<br/>LONG.=104° 03' 24" W</p>                                    | <p><b>BOTTOM HOLE LOCATION</b><br/>Y=659187.2 N<br/>X=626177.8 E</p> <p>LAT.=32.811830° N<br/>LONG.=104.057184° W</p> <p>LAT.=32° 48' 43" N<br/>LONG.=104° 03' 26" W</p>   | <p>NOTE: AS-DRILLED BOTTOM HOLE PLOTTED FROM DDC SURVEY REPORT SEPTEMBER 3, 2014</p>   |  |