

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
1301 W. Grand Avenue, Artesia, NM 88210

OIL CONSERVATION DIVISION  
1220 South St. Frances Dr.  
Santa Fe, NM 87505

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|               |   |                    |
|---------------|---|--------------------|
| API Number    | Pool Code                                       | Pool Name          |
| Property Code | Property Name<br>HOPE UNIT 1821-16 STATE        | Well Number<br>1   |
| OGRID No.     | Operator Name<br>PARALLEL PETROLEUM CORPORATION | Elevation<br>4223' |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P             | 16      | 18 S     | 21 E  |         | 778           | SOUTH            | 200           | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M             | 16      | 18 S     | 21 E  |         | 778           | SOUTH            | 660           | WEST           | EDDY   |

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|
| 320             |                 |                    |           |

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>NOTE:</p> <p>1) Plane Coordinates shown hereon are Transverse Mercator Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum of 1927, Distances shown hereon are mean horizontal surface values.</p> | <p>ATTACHMENT B-1<br/>CASE NO. 13863</p>  |  |   | <p><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify the 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 interests 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 heretofore entered by the division.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> |
|  | <p><u>Bottom Hole Location</u><br/><u>Plane Coordinate</u><br/>X = 354,827.7<br/>Y = 634,163.8<br/><u>Geodetic Coordinate</u><br/>Lat. 32°44'33.08" N<br/>Long. 104°48'19.73" W<br/>(NAD '27)</p> | <p><u>Penetration Point</u><br/><u>Plane Coordinate</u><br/>X = 358,763.7<br/>Y = 634,152.1<br/><u>Geodetic Coordinate</u><br/>Lat. 32°44'33.13" N<br/>Long. 104°47'33.65" W<br/>(NAD '27)</p> | <p><u>Surface Location</u><br/><u>Plane Coordinate</u><br/>X = 359,223.6<br/>Y = 634,150.8<br/><u>Geodetic Coordinate</u><br/>Lat. 32°44'33.14" N<br/>Long. 104°47'28.25" W<br/>(NAD '27)</p> | <p><b>SURVEYOR CERTIFICATION</b></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>January 5, 2007</p> <p>Date of Survey _____ LVA<br/>Signature &amp; Seal of Professional Surveyor _____</p> <p>W.O. Num. 2006-1285</p> <p>Certificate No. MACON McDONALD 12185</p>  |