

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address MAR Oil & Gas Corp PO Box 5155, Santa Fe, New Mexico 87502		<sup>2</sup> OGRID Number 151228
		<sup>3</sup> API Number 30-025-00516
<sup>5</sup> Property Code 30415	<sup>6</sup> Property Name Malmar Unit	<sup>8</sup> Well No. 316
<sup>9</sup> Proposed Pool 1 <i>Wildcat</i> Queen		<sup>10</sup> Proposed Pool 2

**7 Surface Location**

UL or lot no. <i>2 P</i>	Section <i>12</i>	Township 17S	Range <i>32</i>	Lot Idn	Feet from the <i>4350</i>	North/South line <i>S</i>	Feet from the <i>660</i>	East/West line <i>E</i>	County Lea
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**8 Proposed 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
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**Additional Well Information**

<sup>11</sup> Work Type Code <i>N P</i>	<sup>12</sup> Well Type Code <i>O</i>	<sup>13</sup> Cable/Rotary <i>R</i>	<sup>14</sup> Lease Type Code <i>S</i>	<sup>15</sup> Ground Level Elevation 4136
<sup>16</sup> Multiple NA	<sup>17</sup> Proposed Depth	<sup>18</sup> Formation Queen	<sup>19</sup> Contractor Work Over Rig	<sup>20</sup> Spud Date
Depth to Groundwater 140'		Distance from nearest fresh water well 5280'		Distance from nearest surface water 10 miles
Pit: Liner: Clay <input type="checkbox"/> Pit Volume: 4500 bbls		Drilling Method: Fresh Water <input checked="" type="checkbox"/> Brine <input checked="" type="checkbox"/>		
Closed-Loop System <input checked="" type="checkbox"/>				

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
	In Place				
	In Place				

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

The well is presently a shut WIW Grayburg, San Andres Perfs 4129-4433

MAR proposes to set a temporary RBP @ 3800' perforate Queen 3500-3540

Acidize and Frac Queen and test Queen for potential production

If Queen is not productive then cmt squeeze Queen perfs and initiate well back to WIW

If Queen is productive then temporary abandon Graybury, San Andres perfs according to OCD rules and regulations

And produce Queen according to OCD rules and regulations

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway/  
Plugback

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines X, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Duane C. Winkler

Title: V.P. Operations

E-mail Address: dcwinkler@centurytel.net

Date: August 15, 2005

Phone: 505-989-1977

**OIL CONSERVATION DIVISION**

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval Attached ☐

CONDITIONS OF APPROVAL -- Queen not part of Unit.  
Well to be re-named and numbered and production will be kept separate.

# State of New Mexico

Energy, Minerals and Natural Resources Department

## DISTRICT I

1625 N. FRENCH DR., BOBBS, NM 88240

## DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

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

## OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name <i>Wildcat Queen</i>
Property Code	Property Name <b>MALMAR UNIT</b>	Well Number 316
OGRID No.	Operator Name <b>MAR OIL &amp; GAS CORPORATION</b>	Elevation 4174'

### 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	12	17-S	32-E		<i>660</i> 652	SOUTH	<i>660</i> 658	EAST	LEA

### 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.						

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=671123.7 N X=690539.7 E</p> <p>LAT.=32°50'36.48" N LONG.=103°42'46.57" W</p>	<p>658'</p>		<p>652'</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>dcw</i></p> <p>Signature <i>Duane C Winkler</i></p> <p>Printed Name <b>Duane C Winkler</b></p> <p>Title <i>UP Operations</i></p> <p>Date <i>8/20/05</i></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>AUGUST 22, 2005</p>			
	<p>Date Surveyed Signature &amp; Seal of Professional Surveyor</p> <p><i>GARY EIDSON</i></p> <p>05.11.1288</p>			
	<p>Certificate No. <b>GARY EIDSON</b> 12641</p>			