

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 Mewbourne Oil Company Po Box 5270 Hobbs, NM 88240		<sup>4</sup> OGRID Number 14744
		<sup>3</sup> API Number 30 - 015-35033
<sup>2</sup> Property Code	<sup>5</sup> Property Name Forty Niner Ridge Unit	<sup>6</sup> Well No. 102
<sup>9</sup> Proposed Pool 1 Wildcat; Strawn		<sup>10</sup> Proposed Pool 2

**7 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	16	23S	30E		1980	N	2310	E	Eddy

**No<sup>8</sup> 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

**Additional Well Information**

<sup>11</sup> Work Type Code NP	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3140'
<sup>16</sup> Multiple No	<sup>17</sup> PBTD at 12840'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor TBA	<sup>20</sup> Spud Date
Depth to Groundwater 50' or more but less than 100		Distance from nearest fresh water well Less than 1000 from all other wtr sources		Distance from nearest surface water 1000' or more
Pit: Liner: Synthetic ___mils thick Clay <input type="checkbox"/> Pit Volume: ___bbls Drilling Method: Production Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**21 Proposed Casing and Cement Program**

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

<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.

Mewbourne Oil Company has completed the above captioned well in the Atoka at 12888' to 13015'. MOC would like to plug back and test the Strawn at 12600' to 12800'. New C102 attached.

A 7 1/16" - 5000 BOP will be installed on wellhead during all operations. MOC has researched the area for possible H2S problems. No problems were found.



NSL required to produce work only

<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 <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		<b>OIL CONSERVATION DIVISION</b>	
Printed name: Kristi Green <i>Kristi Green</i>		Approved by: <b>BRYAN G. ARRANT</b>	
Title: Hobbs Production		Title: <b>DISTRICT II GEOLOGIST</b>	
E-mail Address:		Approval Date: <b>JUN 01 2007</b> Expiration Date: <b>JUN 01 2008</b>	
Date: 05/25/07	Phone:	Conditions of Approval Attached <input type="checkbox"/>	

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State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 12, 2005

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-015-35033</b>	Pool Code	Pool Name <b>Wildcat; Strawn</b>
Property Code <b>35090</b>	Property Name <b>FORTY-NINER RIDGE UNIT</b>	Well Number <b>102</b>
OGRID No. <b>14744</b>	Operator Name <b>MEWBOURNE OIL COMPANY</b>	Elevation <b>3140'</b>

**Surface Location**

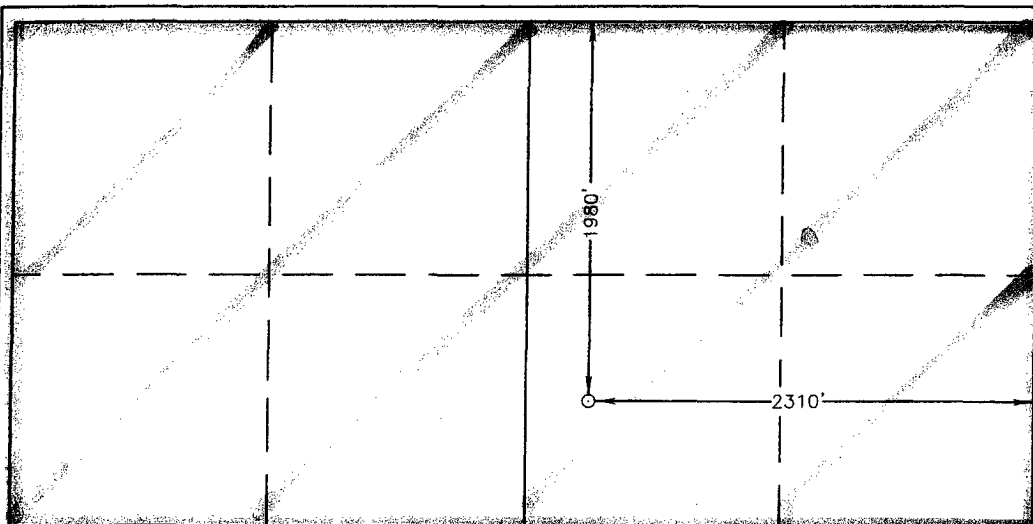
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	16	23 S	30 E		1980	NORTH	2310	EAST	EDDY

**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 <b>3.30</b>	Joint or Infill	Consolidation Code	Order No.
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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



Lat.: N32°18'24.5"  
Long.: W103°53'04.7"  
N.: 475621.619  
E.: 638630.318  
(NAD-27)

**OPERATOR CERTIFICATION**

I hereby certify that 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 interest in the land including the proposed bottom hole 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.

*Kristi Green* 5/25/07  
Signature Date

**Kristi Green**  
Printed Name

**SURVEYOR CERTIFICATION**

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.

JUNE 14, 2006  
Date Surveyed

*[Signature]*  
Signature & Seal of Professional Surveyor

**7977**  
Certificate No.

**GARY L. JONES** 7977  
Certificate No.

**Basin Surveys**