

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 ResourcesForm C-101  
Revised June 10, 2003

RECEIVED

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

DEC 15 2003

OCD-ARTESIA

Submit to appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address Marbob Energy Corporation PO Box 227, Artesia, NM 88211-0227		<sup>2</sup> OGRID Number 14049
<sup>3</sup> Property Code 33215		<sup>3</sup> API Number 30 - 025-38038
<sup>5</sup> Property Name Featherhoser State		<sup>6</sup> Well No. 001

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	20	15S	33E		1980	N	2310	W	Lea

<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
Wildcat									
<sup>9</sup> Proposed Pool 1 Saunders, Morrow (Gas) 84875					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code E	<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 4220'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 12850'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 01/01/2004

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48	460	800	Circ.
12 1/4"	9 5/8"	36	4465	1750	Circ.
8 1/2"	5 1/2"	17	12775	1930	Tie in to 9 5/8" csg

<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 13 3/8" and 9 5/8" casing is existing with cement circulated to surface. We plan to drill out cement plugs to 12850', spot a 75-100 sk balanced plug, dress plug off to 12775' and run 5 1/2" casing and cement with sufficient cement to tie back in to 9 5/8" casing. The proposed BOP is a double ram Cameron BOP with a 5000# working pressure and 5000# test pressure.

Permit Expires 1 Year From Approval

Data Unless Drilling Underway

RE-Entry

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Melanie J. Parker</i>		Approved by:	
Printed name: Melanie J. Parker		Title:	
Title: Land Department		Approval Date: JAN 26 2004	
E-mail Address: marbob@marbob.com		Expiration Date: PETROLEUM ENGINEER	
Date: December 15, 2003	Phone: 505-748-3303	Conditions of Approval:	
		Attached <input type="checkbox"/>	

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised June 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-28038</b>	<sup>2</sup> Pool Code <b>84875</b>	<sup>3</sup> Pool Name <b>Wildcat Saunders, Morrow (Gas)</b>
<sup>4</sup> Property Code <b>33215</b>	<sup>5</sup> Property Name <b>Featherhoser State</b>	
<sup>7</sup> OGRID No. <b>14049</b>	<sup>8</sup> Operator Name <b>Marbob Energy Corporation</b>	
		<sup>6</sup> Well Number <b>1</b>
		<sup>9</sup> Elevation <b>4219.6</b>

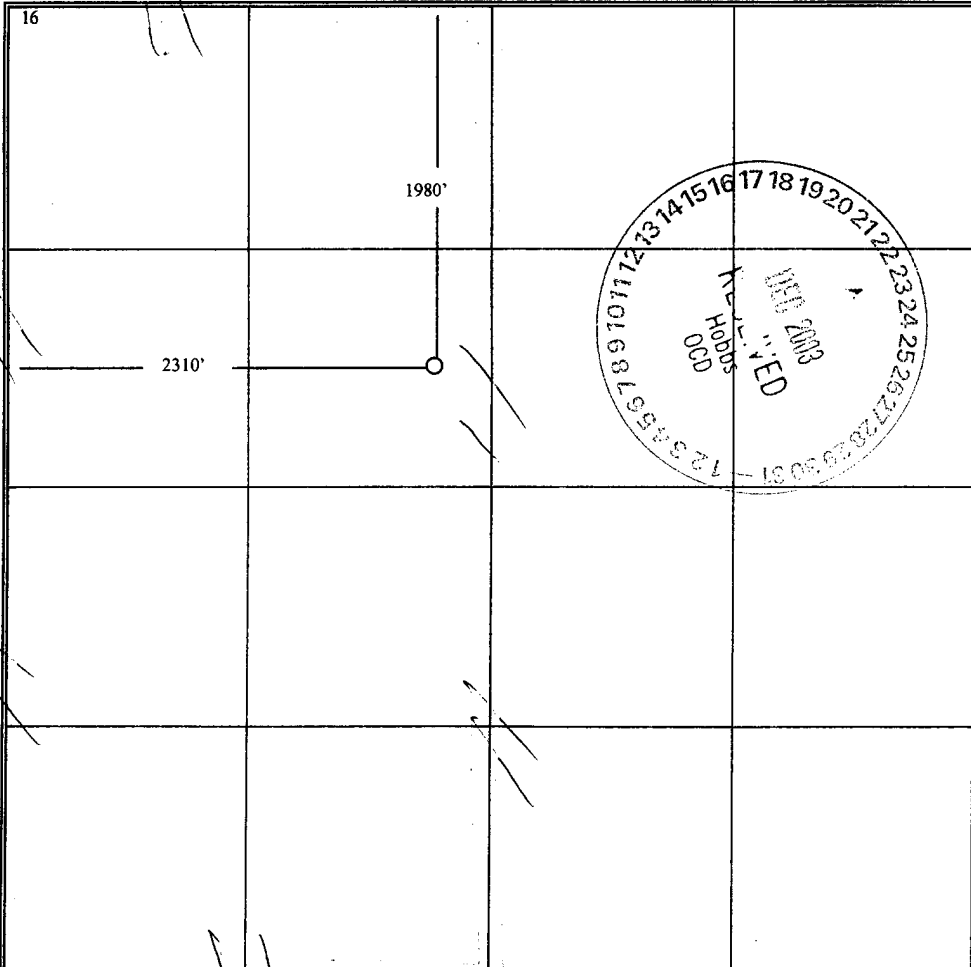
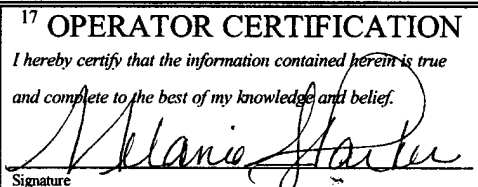
<sup>10</sup> Surface Location

UL or lot no. <b>F</b>	Section <b>20</b>	Township <b>15S</b>	Range <b>33E</b>	Lot Idn	Feet from the <b>1980</b>	North/South line <b>North</b>	Feet from the <b>2310</b>	East/West line <b>West</b>	County <b>Lea</b>
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<sup>11</sup> 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
<sup>12</sup> Dedicated Acres <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code		<sup>15</sup> Order No. <b>NSL-4985</b>					

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

<sup>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature <b>Melanie J. Parker</b> Printed Name <b>Land Department</b> Title and E-mail Address <b>December 22, 2003</b> Date
	<sup>18</sup> SURVEYOR CERTIFICATION <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>  Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number