

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

MAR 05 2009

Form C-101  
June 16, 2008

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 Marbob Energy Corporation PO Box 227 Artesia, NM 88211-0227		<sup>2</sup> OGRID Number 14049
		<sup>3</sup> API Number 30 - 015-33170
<sup>4</sup> Property Code 33263	<sup>5</sup> Property Name Butterfinger Fee Com	<sup>6</sup> Well No 2
<sup>9</sup> Proposed Pool 1 Atoka		<sup>10</sup> Proposed Pool 2 <input checked="" type="checkbox"/> Strawn

**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
1	10	22S	27E		1980	South	660	East	Eddy

**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

**Additional Well Information**

<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3095' GL
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 12090'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 2/7/04

**21 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" existing	48#	412'	475 sx	0
12 1/4"	9 5/8" existing	36#	1713'	600 sx	0
8 3/4"	7" existing	23#	9163'	1550 sx	0
6 1/8"	4 1/2" existing	11.6#	12080'	330 sx	8000' TS

<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.

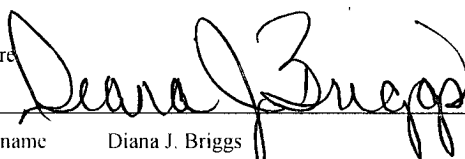
Marbob Energy Corporation proposes to perforate, acidize & test the Atoka & Strawn zones as follows:

Set CIBP + 35' cmt @ 11340'  
Atoka 10968' - 11280' (40 shots) 5000 gal NE Fe 15% HCl

Set CIBP + 35' cmt OR 10K composite frac plug @ 10925'  
Strawn 10346' - 10668' (47 shots) 5000 gal NE Fe 15% HCl

\*\*\*Any zone to be abandoned will be done with a CIBP + 35' cmt set within 50-100' of the top perforation Marginally producing zones will be downhole commingled with NMOCDC approval A pkr/RBP, pkr/CBP and/or pkr/CIBP combination will be used when testing each zone.\*\*\*

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature   
Printed name Diana J. Briggs

Title Production Manager

E-mail Address production@marbob.com

Date 3/3/09

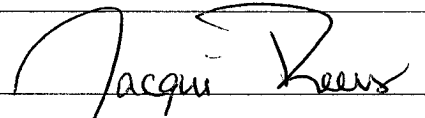
Phone (575) 748-3303

OIL CONSERVATION DIVISION

Approved by

Title

Approval Date:

  
District II Geologist

Expiration Date:

Conditions of Approval Attached ☐

16			<p>17 <b>OPERATOR CERTIFICATION</b></p> <p><i>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 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><i>Diana J. Briggs</i> March 3, 2009</p> <p>Signature Date</p> <p>Diana J. Briggs Production Manager</p> <p>Printed Name</p>
			<p>18 <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>12/19/03</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p><b>REFER TO ORIGINAL PLAT</b></p> <p>Gary Eidson</p> <p>12641</p> <p>Certificate Number</p>
		<p>1580'</p>	

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-33170	<sup>2</sup> Pool Code 74040	<sup>3</sup> Pool Name Carlson; Strawn (Gas)
<sup>4</sup> Property Code 33263	<sup>5</sup> Property Name Butterfinger Fee Com	<sup>6</sup> Well Number 2
<sup>7</sup> OGRID No. 14049	<sup>8</sup> Operator Name Marbob Energy Corporation	<sup>9</sup> Elevation 3095' GR

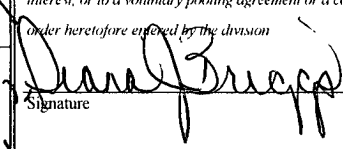
<sup>10</sup> Surface Location

UL or lot no. 1	Section 10	Township 22S	Range 27E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 660	East/West line East	County Eddy
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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 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

<sup>16</sup>					<sup>17</sup> 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 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  Signature March 3, 2009 Date Diana J. Briggs Printed Name Production Manager	
					<sup>18</sup> 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 12/19/03 Date of Survey Signature and Seal of Professional Surveyor REFER TO ORIGINAL PLAT Gary Eidson 12641 Certificate Number	