

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

RECEIVED

Form C-101  
May 27, 2004

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

Submit to appropriate District Office

APR 15 2008

☐ AMENDED REPORT

HOBBS OCD

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 25363		<sup>3</sup> API Number 30 - 025-34939
<sup>3</sup> Property Name Giles State Com		<sup>6</sup> Well No 1
<sup>9</sup> Proposed Pool 1 Cisco	<sup>11</sup> Proposed Pool 3 Wolfcamp	<sup>12</sup> Proposed Pool 4 Blaine
<sup>10</sup> Proposed Pool 2 Permo Penn	<sup>11</sup> Proposed Pool 3 Wolfcamp	<sup>12</sup> Proposed Pool 4 Blaine

<sup>7</sup> Surface Location

UL or lot no I	Section 15	Township 17S	Range 35E	Lot Idn	Feet from the 1900	North/South line South	Feet from the 660	East/West line East	County Lea
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<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
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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 S	<sup>15</sup> Ground Level Elevation 3938' GL
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 12627'	<sup>18</sup> Formation Atoka	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 5/30/00
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit Liner. Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume. bbls Drilling Method				
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"/>				

<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#	440'	445 sx	0
12 1/4"	8 5/8"	24#	4920'	1675 sx	0
7 7/8"	5 1/2"	17#	12626'	2100 sx	0

<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 & possibly frac the following zones until commercial production is established  
CIBP + cmt set @ 12100'

Cisco 11264' - 11268' (10 shots)

1000 gal NE Fe 7 1/2" HCl

Cisco 11062' - 11066' (10 shots)

1000 gal NE Fe 7 1/2" HCl

Set CIBP + cmt within 50' - 100' of the top perforation.

Permo Penn 10685' - 10695'

Permo Penn 10350' - 10550'

Wolfcamp 9628' - 9640'

Blaine 7485' - 7545'

\*\*\*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 NMOCD approval. A pkr/RBP, pkr/ comp BP and/or pkr/CIBP combination will be used when testing each zone.\*\*\*

Permit Expires 2 Years 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 ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature

Printed name Diana J. Briggs

Title Production Analyst

E-mail Address production@marbob.com

Date 4/14/08

Phone (575) 748-3303

OIL CONSERVATION DIVISION

Approved by

Title OC DISTRICT SUPERVISOR/GENERAL MANAGER

Approval Date APR 16 2008 Expiration Date

Oil Conservation Division

Conditions of approval: Approval for drilling/workover ONLY--- CANNOT produce Downhole Commingled until DHC is approved in Santa Fe.

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
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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 30-025-34939	<sup>2</sup> Pool Code 96580	<sup>3</sup> Pool Name Midway Upper Penn West
<sup>4</sup> Property Code 25363	<sup>5</sup> Property Name Giles State Com	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 14049	<sup>8</sup> Operator Name Marbob Energy Corporation	<sup>9</sup> Elevation 3938' GL

<sup>10</sup> Surface Location

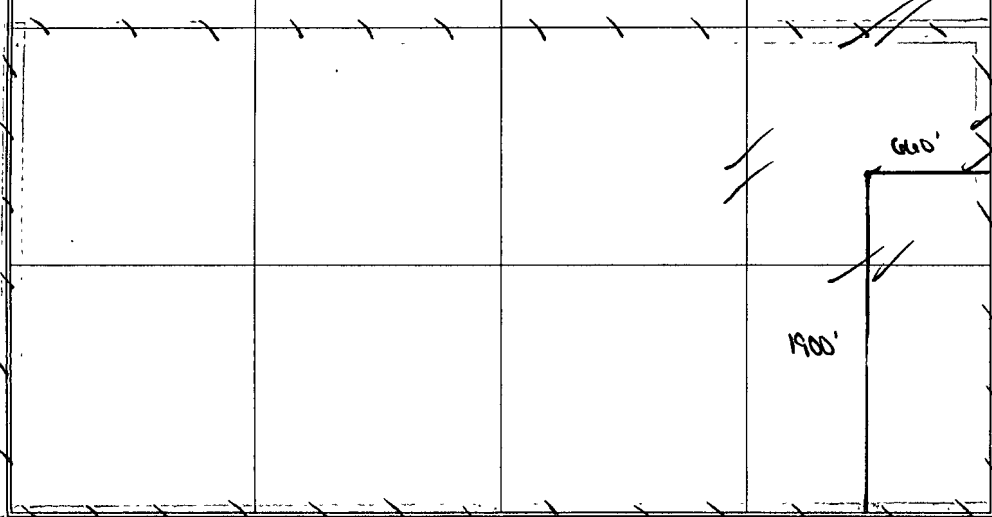
UL or lot no. 1	Section 15	Township 17S	Range 35E	Lot Idn	Feet from the 1900	North/South line South	Feet from the 660	East/West line East	County Lea
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

<sup>16</sup> <b>RECEIVED</b> APR 15 2008 <b>HOBBS OCD</b>	<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: <i>Diana J Briggs</i> Date: 4/14/08 Printed Name: Diana J Briggs Production Analyst
	<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.  Date of Survey Signature and Seal of Professional Surveyor  Certificate Number

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<sup>1</sup> API Number 30-025-34939	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name Permo Penn
<sup>4</sup> Property Code 25363	<sup>5</sup> Property Name Giles State Com	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 14049	<sup>8</sup> Operator Name Marbob Energy Corporation	<sup>9</sup> Elevation 3938' GL

<sup>10</sup> Surface Location

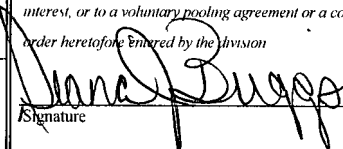
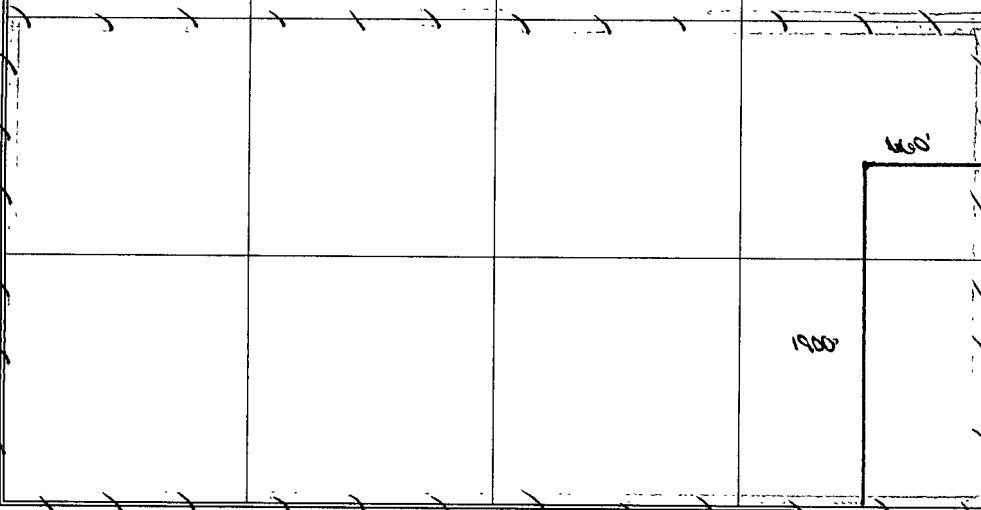
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<sup>16</sup> <b>RECEIVED</b> APR 15 2009 <b>HOBBS OCL</b>	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization 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>  Signature _____ Date 4/14/08 Diana J. Briggs Production Analyst Printed Name _____
	<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> <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 _____

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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-34939	<sup>2</sup> Pool Code ✓	<sup>3</sup> Pool Name Wildcat Wolfcamp
<sup>4</sup> Property Code 25363	<sup>5</sup> Property Name Giles State Com	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 14049	<sup>8</sup> Operator Name Marbob Energy Corporation	<sup>9</sup> Elevation 3938' GL

**<sup>10</sup> Surface Location**

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<sup>1</sup> API Number 30-025-34939	<sup>2</sup> Pool Code 97021	<sup>3</sup> Pool Name Blaineby <i>Northeast</i>
<sup>4</sup> Property Code 25363	<sup>5</sup> Property Name Giles State Com	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 14049	<sup>8</sup> Operator Name Marbob Energy Corporation	<sup>9</sup> Elevation 3938' GL

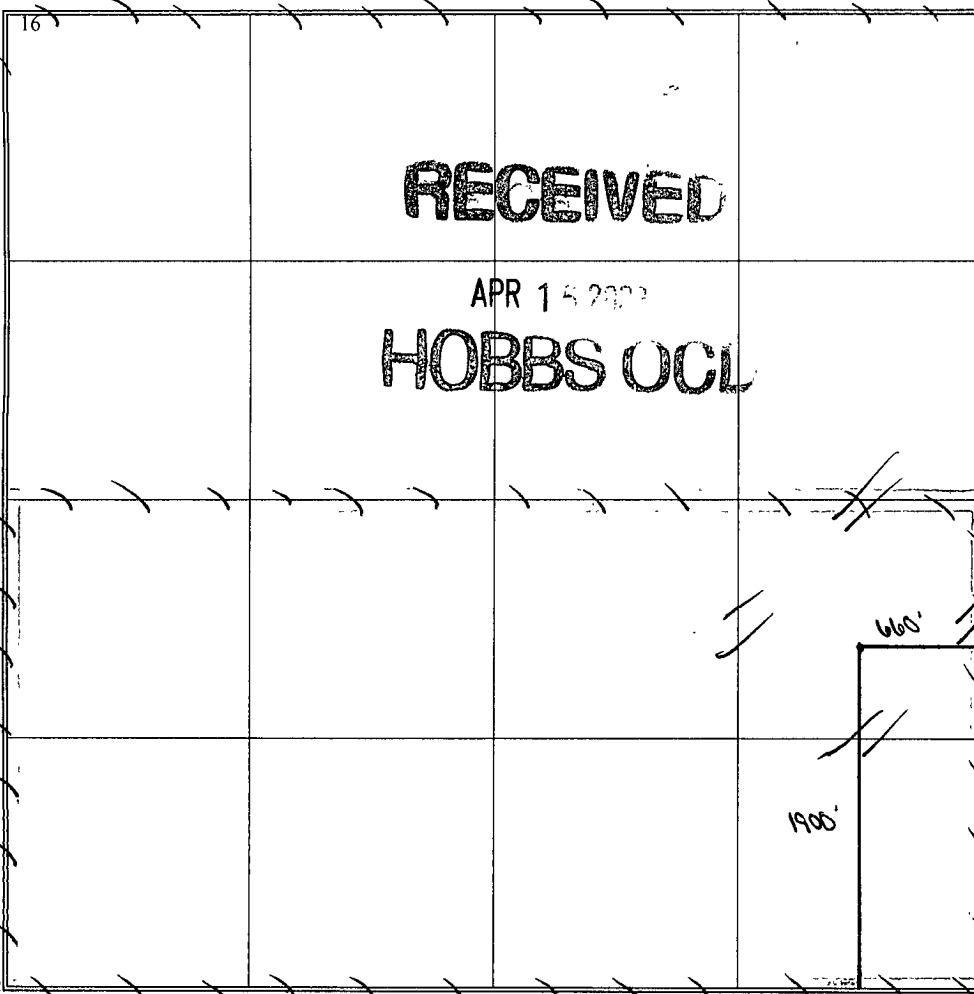
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