

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

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

MAR 19 2008

Form C-101  
May 27, 2004

OCD-ARTESIA



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 <b>MARBOB ENERGY CORPORATION</b> <b>P.O. BOX 227, ARTESIA, NM 88211-0227</b>		<sup>2</sup> OGRID Number <b>14049</b>
		<sup>3</sup> API Number <b>30-015-22567</b>
<sup>4</sup> Property Code <b>37073</b>	<sup>5</sup> Property Name <b>BIGFOOT STATE</b>	<sup>6</sup> Well No <b>1</b>
<sup>9</sup> Proposed Pool 1 <b>MILLMAN; MORROW, SOUTH (GAS)</b>		<sup>10</sup> Proposed Pool 2

<sup>7</sup> Surface Location

UL or lot no <b>K</b>	Section <b>20</b>	Township <b>19S</b>	Range <b>28E</b>	Lot Idn	Feet from the <b>1980</b>	North/South line <b>SOUTH</b>	Feet from the <b>2180</b>	East/West line <b>WEST</b>	County <b>EDDY</b>
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<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

UL or lot no <b>K</b>	Section <b>20</b>	Township <b>19S</b>	Range <b>28E</b>	Lot Idn	Feet from the <b>1980</b>	North/South line <b>SOUTH</b>	Feet from the <b>2180</b>	East/West line <b>WEST</b>	County <b>EDDY</b>
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Additional Well Information

<sup>11</sup> Work Type Code <b>RE-ENTRY</b>	<sup>12</sup> Well Type Code <b>GAS</b>	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code <b>STATE</b>	<sup>15</sup> Ground Level Elevation <b>3476'</b>
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth <b>11,055'</b>	<sup>18</sup> Formation <b>MORROW</b>	<sup>19</sup> Contractor	<sup>20</sup> Spud Date <b>4/19/08</b>
Depth to Groundwater <b>250'</b>		Distance from nearest fresh water well <b>OVER 1000'</b>		Distance from nearest surface water <b>OVER 1000'</b>
Pit Liner Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume _____ bbls Drilling Method <b>FRESH WATER PIT!</b>				
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
<b>17 1/2"</b>	<b>13 3/8"</b>		<b>418'</b>	<b>700</b>	<b>0</b>
<b>12 1/4"</b>	<b>9 5/8"</b>		<b>2835'</b>	<b>1300</b>	<b>0</b>
<b>8 3/4"</b>	<b>5 1/2"</b>	<b>17#</b>	<b>11055'</b>	<b>600</b>	<b>8000'</b>

<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

Formerly: Monsanto Delta State Com #1 (API# 30-015-22567)

Propose to re-enter well by drilling out cement plugs to 11,055'.

Will run 5 1/2" casing to TD and cement to 8000'. Attempt completion in the Morrow.

<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

*Nancy T. Agnew*

Printed name **Nancy T. Agnew**

Title **Land Department**

E-mail Address **landtech@marbob.com**

Date **3/19/08**

Phone **575-748-3303**

OIL CONSERVATION DIVISION

Approved by

*Jim W. Green*  
*District II Supervisor*

Title

Approval Date **3/25/08**

Expiration Date **3/25/10**

Conditions of Approval Attached ☐

16			<p><b>17 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 hereinafter entered by the division</i></p> <p> <span style="float: left;">Signature</span> <span style="float: right;">Date</span> </p> <p style="text-align: center;"> <span style="font-size: 1.2em;">Nancy T. Agnew</span> <span style="float: right;">3/19/08</span> </p> <p style="text-align: center;">Nancy T. Agnew</p> <p style="text-align: center;">Printed Name</p>
2180'	1980'	1980'	<p><b>18 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>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>

**MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

**MONSANTO COMPANY**

Lease Bigfoot St.  
Delta State Can.

Well No. 1

Unit Letter <b>K</b>	Section <b>20</b>	Township <b>19-S</b>	Range <b>28-E</b>	County <b>EDDY</b>
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Actual Footage Location of Well:  
**1980** feet from the **South** line and **2180** feet from the **West** line

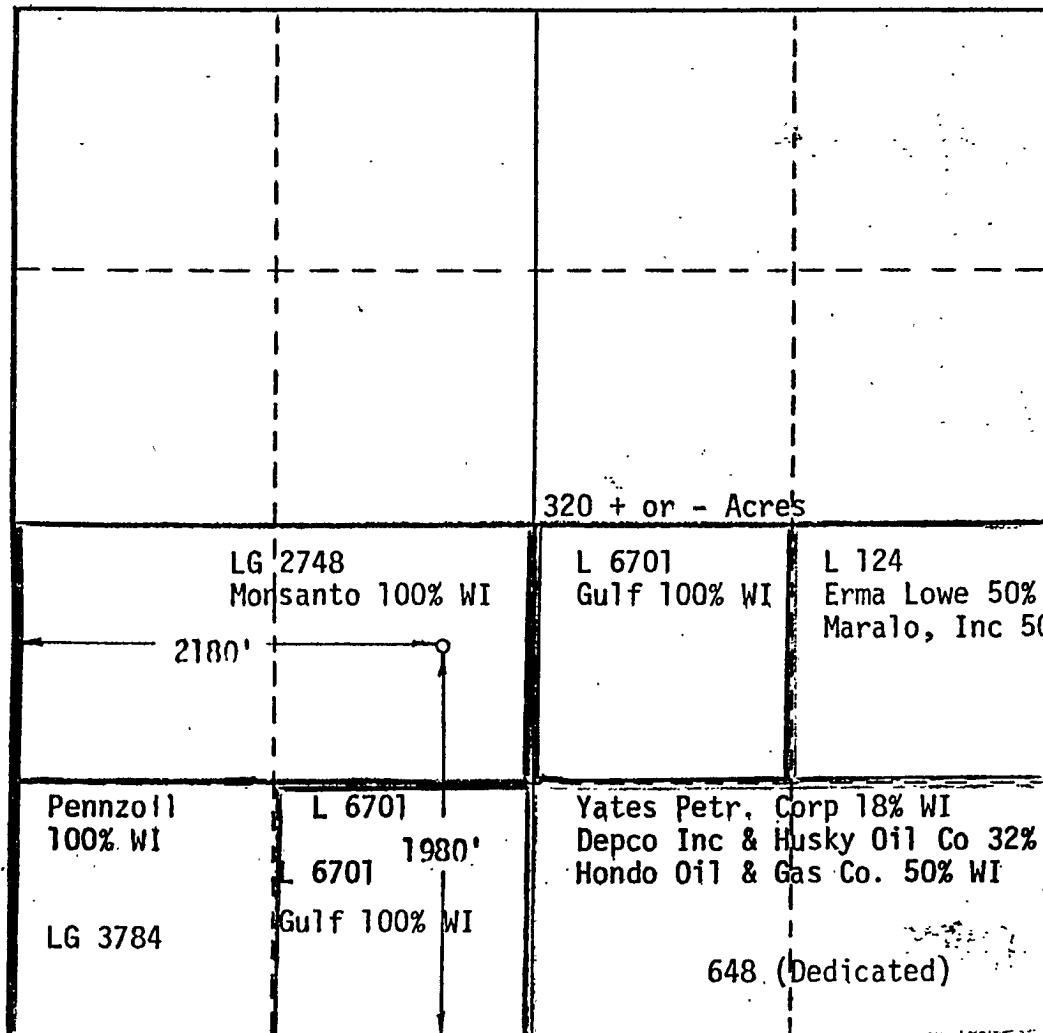
Ground Level Elev: <b>3476'</b>	Producing Formation <b>Morrow</b>	Pool <u>S. Millman</u> <u>Marano</u>	Dedicated Acreage: <b>320+ or -</b> Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation COMMUNITIZATION

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

E. M. Scholl

Position

Regional Production Mgr.

Company

Monsanto Company

Date

5/25/78

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 knowledge and belief.

May 18, 1978

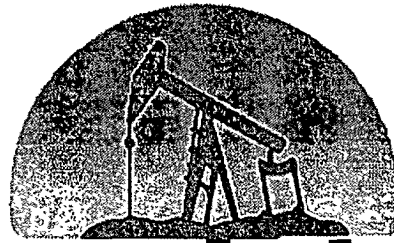
Date Surveyed

Richard B. Duniven

Registered Professional Engineer and/or Land Surveyor

Richard B. Duniven  
Certificate No. 4882

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



**marbob**  
**ENERGY CORPORATION**  
ARTESIA, NEW MEXICO

March 19, 2008

Oil Conservation Division  
1301 W. Grand Ave.  
Artesia, NM 88210

Attention: Kim Wilson

Re: Bigfoot State #1  
1980' FSL & 2180' FWL  
Section 20, T19S, R28E  
Eddy County, New Mexico

Dear Kim:

We plan to complete this well in the Morrow which is sweet and we don't anticipate cutting any formations that contain H2S gas during the drilling of the above referenced well. Therefore, we do not believe that an H2S contingency plan is necessary.

If you have questions or need further information, please call.

Sincerely,

Nancy Agnew  
Land Department

/na