

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 <b>BENSON-MONTIN-GREER DRILLING CORP. 105 SOUTH 4TH ST., ARTESIA, NM 88210</b>		<sup>2</sup> OGRID Number <b>2096</b>
<sup>3</sup> Property Code <b>35485</b>	<sup>4</sup> Property Name <b>COU PC 23</b>	<sup>5</sup> Well No. <b>83</b>
<sup>9</sup> Proposed Pool 1 <b>BLANCO P. C. SOUTH</b>		<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
<b>C</b>	<b>23</b>	<b>24 N</b>	<b>1 W</b>		<b>155</b>	<b>NORTH</b>	<b>2350</b>	<b>WEST</b>	<b>RIO ARriba</b>

**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 <b>N</b>	<sup>12</sup> Well Type Code <b>G</b>	<sup>13</sup> Cable/Rotary <b>ROTARY</b>	<sup>14</sup> Lease Type Code <b>P</b>	<sup>15</sup> Ground Level Elevation <b>7,128'</b>
<sup>16</sup> Multiple <b>N</b>	<sup>17</sup> Proposed Depth <b>3,000'</b>	<sup>18</sup> Formation <b>LEWIS</b>	<sup>19</sup> Contractor <b>UNKNOWN</b>	<sup>20</sup> Spud Date <b>UPON APPROVAL</b>
Depth to Groundwater <b>20'</b>		Distance from nearest fresh water well <b>&gt;2,900'</b>		Distance from nearest surface water <b>&gt;400'</b>
Pit: Liner: Synthetic <input checked="" type="checkbox"/> <b>12</b> mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____ Closed-Loop System <input type="checkbox"/> <b>&gt;10,000 bbls</b> Fresh Water <input checked="" 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
<b>12-1/4"</b>	<b>8-5/8"</b>	<b>23#</b>	<b>600'</b>	<b>420</b>	<b>SURFACE</b>
<b>7-7/8"</b>	<b>5-1/2"</b>	<b>17#</b>	<b>3,000'</b>	<b>350</b>	<b>SURFACE</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.

Use 2,000 BOP system  
Will file for NSL due to house in drilling window.



1000 G104 FOR NSL

<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: <b>BRIAN WOOD</b>		Approved by:	
Title: <b>CONSULTANT</b>		Title: <b>DEPUTY OIL &amp; GAS INSPECTOR, DIST. 3</b>	
E-mail Address: <b>brian@permitswest.com</b>		Approval Date: <b>MAR 01 2006</b> Expiration Date: <b>MAR 01 2007</b>	
Date: <b>2-24-06</b>	Phone: <b>(505) 466-8120</b>	Conditions of Approval Attached <input type="checkbox"/>	

DISTRICT I  
P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II  
811 South First, Artesia, N.M. 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-039-29823</b>		Pool Code <b>72439</b>	Pool Name <b>BLANCO P. C. SOUTH</b>
Property Code <b>35485</b>	Property Name <b>COU PC 23</b>		Well Number <b>23</b>
GRID No. <b>2096</b>	Operator Name <b>BENSON-MONTIN-GREER DRILLING CORP.</b>		Elevation <b>7128</b>


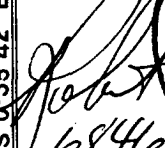
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	23	24 N	1 W		155	NORTH	2350	WEST	RIO ARriba

<sup>11</sup> Bottom Hole Location If Different From Surface

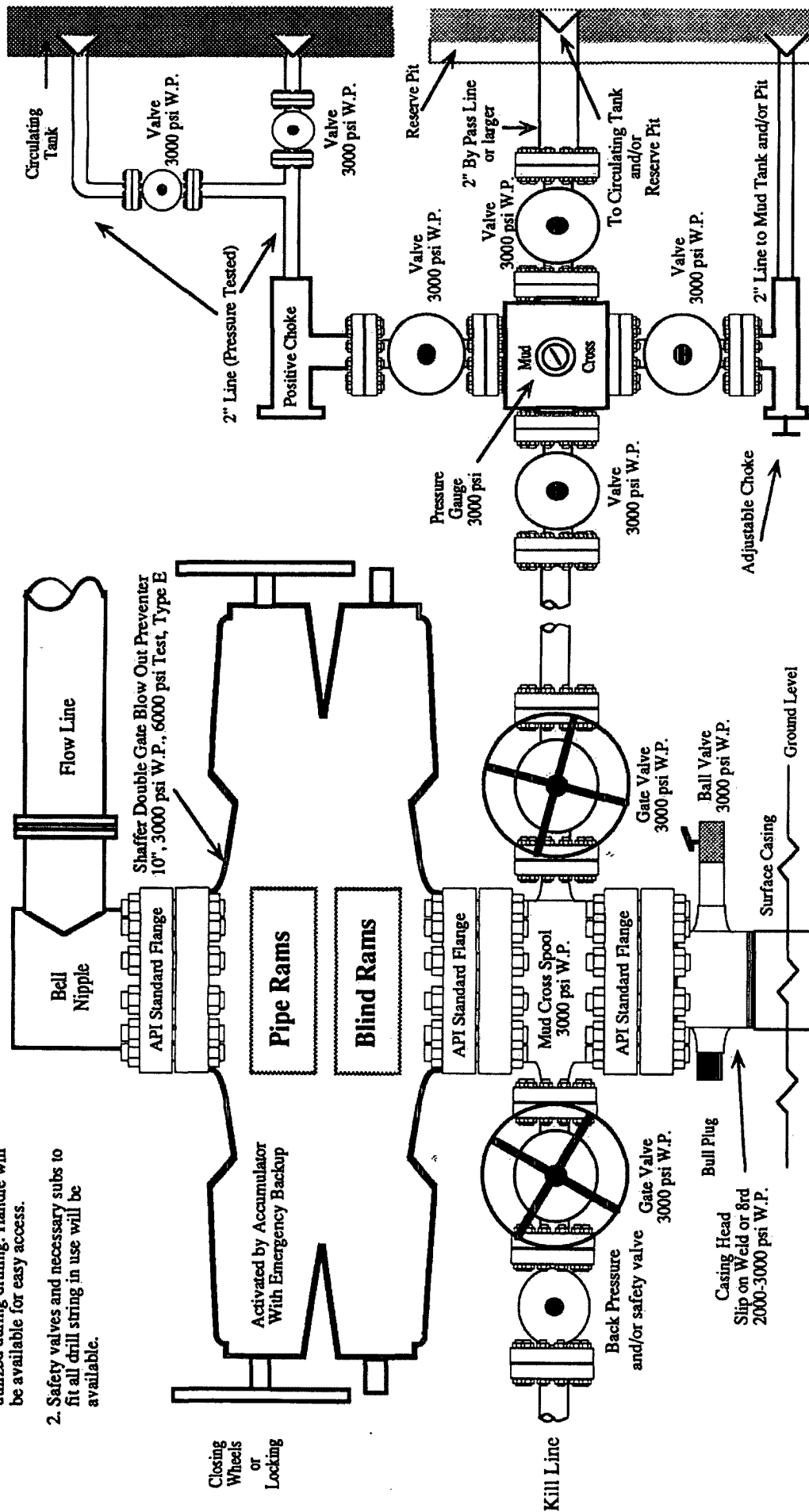
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres <b>160</b>		Joint or Infill <b>.</b>		Consolidation Code <b>.</b>		Order No. <b>.</b>			

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

16 N 88°38'29" E		2643.52'	15	N 89°17'45" E	2644.95'	<b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.   Signature <b>BRIAN WOOD</b> Printed Name <b>CONSULTANT</b> Title <b>FEB. 24, 2006</b> Date
2610.06'		2350'			5280'	
N 0°35'42" W						
2669.94'						<b>18 SURVEYOR CERTIFICATION</b> 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.  12/9/05 Date of Survey Signature and Seal of Professional Surveyor:  6846 Certificate Number
N 0°35'42" W						
S 89°16'18" W					5281.98'	

# 2,000 PSI BOP SYSTEM

- Note: 1. An upper Kelly cock valve will be utilized during drilling. Handle will be available for easy access.
2. Safety valves and necessary subs to fit all drill string in use will be available.



Note: This equipment is designed to meet requirements for a 2-M rating standard per 43 CFR part 3160 (amended). Proper operation and testing of equipment will be carried out per standard. 2,000 psi equipment can be substituted in the drawing to meet minimum requirements per standard.