

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 Morexco, Inc. P. O. Box 1591 Roswell, NM 88202-1591		<sup>2</sup> OGRID Number 015262
		<sup>3</sup> API Number 30 - 041 - 20908
<sup>4</sup> Property Code 33042	<sup>5</sup> Property Name Bull Moose Fee	<sup>6</sup> Well No. 2
<sup>9</sup> Proposed Pool 1 Chaveroo; Permo-Penn North		<sup>10</sup> Proposed Pool 2

**Surface Location**

UL or lot no. P	Section 4	Township 7S	Range 33E	Lot Idn	Feet from the 990	North/South line S	Feet from the 990	East/West line E	County Roosevelt
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**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 N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 9300'	<sup>18</sup> Formation Miss	<sup>19</sup> Contractor JW Drilling	<sup>20</sup> Spud Date 10/06/04
Depth to Groundwater 100 feet or more		Distance from nearest fresh water well 1 mile +		Distance from nearest surface water 1000 feet +
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 20 mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

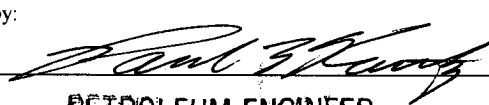
**<sup>21</sup> Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/4	13 3/8	48 # J-55	450'	450 tot sxs	Surface
12 1/4	8 5/8	32/24# J-55	4000'	775 tot sxs	Surface
7 7/8	5 1/2	17# J-55/H-80	9300'	1400 sxs 2 stage	4000'

<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.

Operator proposes to drill to a depth sufficient to test the Mississippian formation. If sufficient shows encountered, 5 1/2 casing will be run and cemented at T.D. If no shows are encountered, the well will be plugged and abandoned in a manner consistent with OCD specification.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

<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 NMOC 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: Donald G. Becker, Jr.		Approved by: 	
Title: President		Title: PETROLEUM ENGINEER	
E-mail Address: morexco@earthlink.net		Approval Date: AUG 31 2004	
Date: 8/26/04		Expiration Date: _____	
Phone: 505-627-1290		Conditions of Approval Attached <input type="checkbox"/>	

District II  
PO Drawer DD, Artesia, NM 88211-0719

## OIL CONSERVATION DIVISION

District III  
1000 Rio Brasos Rd. , Aztec, NM 87410

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

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

1	API Number 30-041-20908	2	Pool Code 12020	3	Pool Name Chavez Perm Penn North
4	Property Code 33042	5	Property Name Bull Moose Fee	6	Well Number 2
7	OGRIID No. 15262	8	Operator Name Morexco, Inc.	9	Elevation 4391

<sup>10</sup>Surface Location

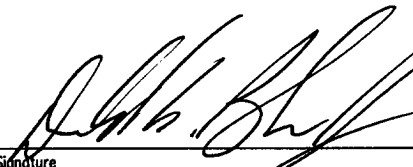
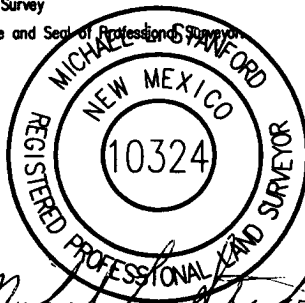

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	4	7 S	33 E		990	South	990	East	Roosevelt

11 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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12	Dedicated Acres	13	Joint or Infill	14	Consolidation Code	15	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

16				<p><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.</i></p> <p></p> <p>Signature <b>Donald G. Becker Jr.</b> Printed Name <b>President</b> Title  Date</p>
				<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><b>August 17, 2004</b> Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p></p> <p></p> <p>Certificate Number <b>10324</b></p>
		<p>Bull Moose Fee Elev. 4391'</p>	<p>No. 2</p> <p>990'</p> <p>966'</p>	

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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-144  
June 1, 2004

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

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☐

Operator: Morexco, Inc. Telephone: 505-627-1290 e-mail address: morexco@earthlink.net

Address: P. O. Box 1591 Roswell, NM 88202-1591

Facility or well name: Bull Moose Fee #2 API #: 30-041-20908 U/L or Qtr/Qtr P Sec 4 T 7S R 33E

County: Roosevelt Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☐ State ☐ Private ☒ Indian ☐

Pit

Type: Drilling ☒ Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☒ Thickness 20 mil Clay ☐

Pit Volume \_\_\_\_\_ bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_

Construction material: \_\_\_\_\_

Double-walled, with leak detection? Yes ☐ If not, explain why not. \_\_\_\_\_

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

Less than 50 feet

(20 points)

50 feet or more, but less than 100 feet

(10 points)

100 feet or more

(0 points)

Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)

Yes

(20 points)

No

(0 points)

Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet

(20 points)

200 feet or more, but less than 1000 feet

(10 points)

1000 feet or more

(0 points)

Ranking Score (Total Points)

0 points

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility \_\_\_\_\_. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒ a general permit ☐ or an (attached) alternative OGD-approved plan ☐.

Date: 8-27-04

Printed Name/Title Donald G. Becker Jr. Pres.

Signature \_\_\_\_\_

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: 8/31/04

Printed Name/Title \_\_\_\_\_

PETROLEUM ENGINEER

Signature \_\_\_\_\_

Date: \_\_\_\_\_

PETROLEUM ENGINEER  
AUG 31 2004