

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  
 Revised June 10, 2003

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

Submit to appropriate District Office  
 State Lease - 6 Copies  
 Fee Lease - 5 Copies

AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Twining Drilling Corporation 332 White Oak Drive NE Albuquerque, NM 87122-1411		<sup>2</sup> OGRID Number 164187
<sup>3</sup> Property Code 30918		<sup>3</sup> API Number 30 - 061 - 20035
<sup>5</sup> Property Name NAT		<sup>6</sup> Well No. 3

<sup>7</sup> Surface Location									
					Projected from N.M.P.M.				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	22	4N	1E		1,650'	FNL	1,650'	FWL	Valencia

<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
<sup>9</sup> Proposed Pool 1					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code N	<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 5,177'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 15,000'	<sup>18</sup> Formation Entrada	<sup>19</sup> Contractor Key	<sup>20</sup> Spud Date 7-4-04

<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"	54.5#	2,000'	1,015	Surface
12 1/4"	9 5/8"	36.0#	7,500'	1,015	5,000'
8 1/2"	5 1/2" to T.D.	17.0# and 20.0#	15,000'	750	7,000'

<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.  
 A rotary rig will drill and set 2,000' ± of 13 3/8" surface casing and a 12 1/4" hole to 7,500'. An 8 1/2" hole from 7,500' to 15,000' using 2,000' of 20# N 80 and 17# N 80 to T.D. A 5M double B.O.P. and 5M annular B.O.P. will be installed on 9 5/8" casing.

**OIL CONSERVATION COMMISSION TO BE NOTIFIED  
 WITHIN 24 HOURS OF BEGINNING OPERATIONS**

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Nathan A. Twining</i>	OIL CONSERVATION DIVISION	
	Approved by: <i>[Signature]</i>	
Printed name: Nathan A. Twining	Title: <b>DISTRICT SUPERVISOR</b>	
Title: President	Approval Date: 4/12/04	Expiration Date: 4/12/05
E-mail Address:		
Date: April 2, 2004	Phone: (505) 856-2238	Conditions of Approval: COLLECT AND SACK SAMPLES FOR NEW MEXICO BUREAU OF MINES, SOCORRO AT AT LEAST TEN FOOT INTERVALS

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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 June 10, 2003  
 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	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name
<sup>4</sup> Property Code	<sup>5</sup> Property Name	
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name	
<b>164187</b>	<b>NAT</b> <b>Twining Drilling Corporation</b>	
	<sup>6</sup> Well Number	<sup>9</sup> Elevation
	<b>3</b>	<b>5,177'</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
<b>F</b>	<b>22</b>	<b>4N</b>	<b>1E</b>		<b>1,650'</b>	<b>FNL</b>	<b>1,650'</b>	<b>FWL</b>	<b>Valencia</b>

<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		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			
<b>160</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

<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. <i>Nathan Twining</i> Signature <b>Nathan A. Twining</b> Printed Name <b>President</b> Title and E-mail Address <b>April 2, 2004</b> Date
	<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. <i>April 2, 2004</i> Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor 
	Certificate Number <i>[Signature]</i>
	<b>Section 22 (640 acres)</b>