

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 Pogo Producing Company P. O. Box 10340, Midland, TX 79702-7340		<sup>2</sup> OGRID Number 017891
<sup>3</sup> Property Code 009333	<sup>4</sup> Property Name NBR	<sup>5</sup> API Number 30 - 025-26976
<sup>9</sup> Proposed Pool 1 <i>Bootleg Ridge</i> <i>Delaware</i> <i>Red Bank Delaware West (51689)</i>		<sup>10</sup> Proposed Pool 2 1

**7 Surface Location**

UL or lot no. J	Section 18	Township 22S	Range 33E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 1980	East/West line East	County Lea
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	-----------------------	------------------------	---------------

**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 P	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary ---	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3631'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth ---	<sup>18</sup> Formation Delaware	<sup>19</sup> Contractor	<sup>20</sup> Spud Date When approved
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"/>				

**21 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	762	870	
	10-3/4	40.5 & 51	5006	3135	
9-1/2	7-5/8	26.4 & 29.7	12066	2040	
6-1/2	5		15120	580	

<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.

Pogo Producing Company request permission to plugback to the Delaware in the above captioned well.

1. Set CIBP @ 9400' & cap w/ 35' cmt.
2. Perf Delaware 8480-94 w/ 2 spf.
3. Acidz w/ 1000 gals 7-1/2% acid.
4. Frac if warranted.
5. If unsuccessful, pull CIBP to 8380'.
6. Perf Delaware 8054-58 w/ 2 spf & 8080-86 w/ 1 spf.
7. Acidz w/ 1000 gals 7-1/2% acid.
8. Frac if warranted.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

*Plugback*

SEP 25 2006  
Received  
Hobbs  
OCD

<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 ☐.

Printed name: Cathy Wright  
Title: Sr. Eng Tech  
E-mail Address: wrightc@pogoproducing.com  
Date: 09/18/06  
Phone: 432-685-8100

**OIL CONSERVATION DIVISION**

Approved by:

*Larry W. Wink*

Title:

Approval Date:

SEP 25 2006

Expiration Date:

Conditions of Approval Attached ☐

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

## State of New Mexico

Energy, Minerals &amp; 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 30-025-26976		<sup>2</sup> Pool Code <del>51689</del> 6930		<sup>3</sup> Pool Name Boottleg Ridge <del>Red Tank Delaware West</del>	
<sup>4</sup> Property Code 009333		<sup>5</sup> Property Name NBR			<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 017891		<sup>8</sup> Operator Name Pogo Producing Company			<sup>9</sup> Elevation 3631'

<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
J	18	22S	33E		1980	South	1980	East	Lea

<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 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
-------------------------------------	-------------------------------	----------------------------------	-------------------------

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.  Signature Cathy Wright Printed Name Sr. Eng Tech Title and E-mail Address 09/18/06 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. Date of Survey Signature and Seal of Professional Surveyor:			
	Certificate Number			