

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> API Number 30 - 015-32617
<sup>4</sup> Property Code 23616	<sup>5</sup> Property Name Harroun 10	<sup>6</sup> Well No. 3
<sup>9</sup> Proposed Pool 1 Cedar Canyon Delaware (11540)		<sup>10</sup> Proposed Pool 2

**7 Surface Location**

UL or lot no. L	Section 10	Township 24S	Range 29E	Lot Idn	Feet from the 2310	North/South line South	Feet from the 990	East/West line West	County Eddy
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**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
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**Additional Well Information**

<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code 0	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 2959'
<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	48	562	450	
11	8-5/8	32 & 24	2860	990	
7-7/8	5-1/2	17 & 15.5	8004	910	

<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.

See Attached.

If this work requires an earthen pit, a permit must be approved prior to construction of pit(s).

RECEIVED

AUG 05 2004

OCD-ARTESIA

<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 ☐.

OIL CONSERVATION DIVISION

Approved by:

TIM W. GUM  
DISTRICT II SUPERVISOR

Printed name: Cathy Wright

Title:

Title: Sr. Operation Tech

Approval Date: AUG 06 2004

Expiration Date: AUG 06 2005

E-mail Address: wrightc@pogoproducing.com

Date: 08/03/04

Phone: 432-685-8100

Conditions of Approval Attached ☐

Harroun 10 #3  
L/10/24S/29E  
2310' FSL & 990' FWL  
Eddy County, NM  
30-015-32617

1. POOH w/ pump, rods & tbg.
2. Set CIBP @  $\pm 7700'$ .
3. Perf Delaware 6430-50 w/ 2 spf.
4. Acdz w/ 1000 gals 7-1/2% acid.
5. Pull CIBP up to 6330'.
6. Perf Delaware 5716-32 w/ 2 spf.
7. Set RBP @  $\pm 6000'$ .
8. Acdz perfs w/ 1000 gals 7-1/2% acid.
9. Pull RBP up hole & set @  $\pm 5616'$ .
10. Perf Delaware 5272-82, 5308-16 & 5422-28 w/ 1 spf.
11. Acdz w/ 1300 gals 7-1/2% acid.
12. Pull RBP up hole to 5172'.
13. Return well to production.

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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 30-015-32617	<sup>2</sup> Pool Code 11540	<sup>3</sup> Pool Name Cedar Canyon Delaware
<sup>4</sup> Property Code 23616	<sup>5</sup> Property Name Harroun 10	<sup>6</sup> Well Number 3
<sup>7</sup> OGRID No. 017891	<sup>8</sup> Operator Name Pogo Producing Company	<sup>9</sup> Elevation 2959

<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
L	10	24S	29E		2310	South	990	West	Eddy

<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.
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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

<sup>16</sup> 	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> 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. Operation Tech Title and E-mail Address 08/03/04 Date			
	<sup>18</sup> <b>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.			
	Date of Survey Signature and Seal of Professional Surveyor:			
	Certificate Number			