

District I  
 PO Box 1980, Hobbs, N.M. 88241-1980  
 District II  
 P.O. Drawer DD, Artesia, N.M. 88211-0719  
 District III  
 1000 Rio Brazos Rd., Aztec, N.M. 87410  
 District IV  
 P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico  
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
 PO Box 2088  
 Santa Fe, NM 87504-2088

Form C-101  
 Revised February 10, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 6 Copies  
 Fee lease - 5 Copies

AMENDED REPORT

*2148 BLM 9/2/97*

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, Texas 79702		<sup>2</sup> OGRID Number 017891
		<sup>3</sup> API Number 30-015-29987
<sup>4</sup> Property Code 17565	<sup>5</sup> Property Name Harroun "15"	<sup>6</sup> Well No. 7

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
C	15	24S	29E		330	North	1980	West	Eddy

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
<sup>9</sup> Proposed Pool 1 Pierce Crossing, Bone Springs E.					<sup>10</sup> Proposed Pool 2				

<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 S	<sup>15</sup> Ground Level Elevation 2939'
<sup>16</sup> Multiple S	<sup>17</sup> Proposed Depth 8250'	<sup>18</sup> Formation Bone Springs	<sup>19</sup> Contractor N/A	<sup>20</sup> Spud Date Upon Approval

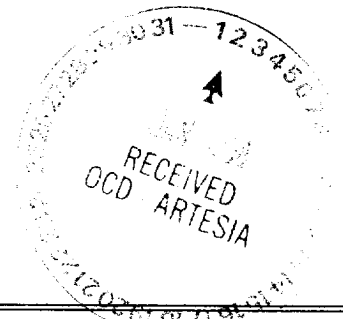
21. Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14-3/4"	10-3/4"	32.75# H-40	500'	500 sx	Surface
9-7/8"	7-5/8"	26.40# J-55	3000'	900 sx	Surface
6-3/4"	4-1/2"	11.60# J-55	8250'	900 sx	3200'

22. Describe the proposed program. If this 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.

This proposed well is a Bone Springs Test.  
 B.O.P. Sketch attached.

*Post ID-1  
 1-16-98  
 API & loc*



23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *James M.C. Ritchie, Jr.*  
 Printed Name: James M.C. Ritchie, Jr.

Title: Agent  
 Date: 12/31/97  
 Phone: (915) 682-6601

OIL CONSERVATION DIVISION

Approved by: **ORIGINAL SIGNED BY TIM W. GUM**  
 Title: **DISTRICT II SUPERVISOR**

Approval Date: **JAN 8 1998** Expiration Date: **1-8-99**

Conditions of Approval:  
 Attached: