

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

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

Form C-101  
Revised March 17, 1999

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 Hal J. Rasmussen 550 W. Texas Suite 200 Midland, TX 79701		<sup>2</sup> OGRID Number 9809
		<sup>3</sup> API Number 30-025-07264
<sup>3</sup> Property Code 32163	<sup>5</sup> Property Name Clara M. Roberts	<sup>6</sup> Well No. # 1

<sup>7</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
E	23	15S	38E		1980	North	330	West	Lea

<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 Medicine Rock Devonian	<sup>10</sup> Proposed Pool 2
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<sup>11</sup> Work Type Code E	<sup>12</sup> Well Type Code 80	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3729
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 12830	<sup>18</sup> Formation Devonian	<sup>19</sup> Contractor Unknown	<sup>20</sup> Spud Date ASAP

<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	48#	361	260	Surface-In Place
12 1/4	9 5/8	36# & 40#	4900	1800	Surface-In Place
8 3/4	5 1/2	17# & 20#	7500-4700	750	4700

<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.

Hal J. Rasmussen propose to re enter well plugged by Polaris Production in 1988. Cement plugs will be drilled out to top of 5 1/2 casing left in place at 7500ft. 5 1/2" 17# casing and casing bowl will be run to 7500 ft and tied back in to 9 5/8" to 4700ft. Casing will be cemented in place with approximately 750 sx Class H cement

Remaining cement plugs will be drilled out to PBTD of 12830 ft

3000 psi BOP will be used during re entry operations

Fresh water and gel will be used as hole conditions dictate.

Hal J. Rasmussen has filed C108(Application for Authority to inject)with OCD engineering

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

Re-enter

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief

Signature:

Printed name: Michael Prichard

Title: Agent

Date:

Phone: (915) 687-1664

Greg Rasmussen

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval:  
APR 01 2003  
Attached ☐

ORIGINAL SIGNED BY

PAUL F. KAUTZ

PETROLEUM ENGINEER  
Expiration Date:

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
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Form C-102  
Revised August 15, 2000  
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 30-025-07264		<sup>2</sup> Pool Code 45480		<sup>3</sup> Pool Name Medicine Rock Devonian	
<sup>4</sup> Property Code 32163		<sup>5</sup> Property Name Clara M. Roberts			<sup>6</sup> Well Number # 1
<sup>7</sup> OGRID No 9809		<sup>8</sup> Operator Name Hal J. Rasmussen			<sup>9</sup> Elevation 3729'

<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
E	23	15S	38E		1980	North	330	West	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 Infil N		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No NSL 965			

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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature: Printed Name: Michael Prichard Title: Agent Date: 3/27/2003			
	<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> <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>  Date of Survey: Signature and Seal of Professional Surveyor:  See original plat filed in April 1969  Certificate Number:			