

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

**OIL CONSERVATION DIVISION**  
**2040 South Pacheco**  
**Santa Fe, NM 87505**

Instructions on back  
Submit to Appropriate District  
State Lease - 6 Copies  
Fee Lease - 5 Copies



AMENDED

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

<sup>1</sup> Operator Name and Address. <b>Dugan Production Corp.</b> P. O. Box 420, Farmington, NM 87499-0420		<sup>2</sup> OGRID Number <b>006515</b>
		<sup>3</sup> API Number <b>30 - 045- 31610</b>
<sup>4</sup> Property Code <b>3872</b>	<sup>5</sup> Property Name <b>Wit's End</b>	<sup>6</sup> Well No. <b>6</b>

**<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
<b>P</b>	<b>2</b>	<b>23N</b>	<b>10W</b>		<b>700</b>	<b>South</b>	<b>765</b>	<b>East</b>	<b>San Juan</b>

**<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 <b>Witty Springs Pictured Cliffs</b>					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code <b>N</b>	<sup>12</sup> Well Type Code <b>G</b>	<sup>13</sup> Cable/Rotary <b>R</b>	<sup>14</sup> Lease Type Code <b>S</b>	<sup>15</sup> Ground Level Elevation <b>6756'</b>
<sup>16</sup> Multiple <b>N</b>	<sup>17</sup> Proposed Depth <b>1280'</b>	<sup>18</sup> Formation <b>Pictured Cliffs</b>	<sup>19</sup> Contractor <b>Wayne Smith Drilling</b>	<sup>20</sup> Spud Date <b>ASAP</b>

**<sup>21</sup> Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<b>9-7/8"</b>	<b>7"</b>	<b>20#</b>	<b>120'</b>	<b>70 cu.ft</b>	<b>surface</b>
<b>6-1/4"</b>	<b>4-1/2"</b>	<b>10.5#</b>	<b>1280'</b>	<b>195 cu ft</b>	<b>surface</b>

<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 water based gel mud will be used to drill surface and production casing holes. A standard 2,000 psi BOP will be used to drill production hole. The Witty Springs Pictured Cliffs will be completed from approximately 1095'-1105'. The interval will be fractured.

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

Signature:

*Kurt Fagrelus*

Printed name: Kurt Fagrelus

Title: Geologist

Date: March 4, 2002

Phone: (505) 325-1821

**OIL CONSERVATION DIVISION**

Approved by:

Title:

Approval Date:

**MAR - 5 2002**

Expiration Date:

**MAR - 5 2003**Conditions of Approval:  
Attached ☐

District I  
PO Box 1380, Hobbs, NM 88241-1980

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number <b>30045-31010</b>		*Pool Code 96872	*Pool Name WITTY SPRINGS; PICTURED CLIFFS
*Property Code <b>3872</b>	*Property Name WIT'S END		*Well Number 6
*CGPID No. 006515	*Operator Name DUGAN PRODUCTION CORPORATION		*Elevation 6756'

10 Surface Location

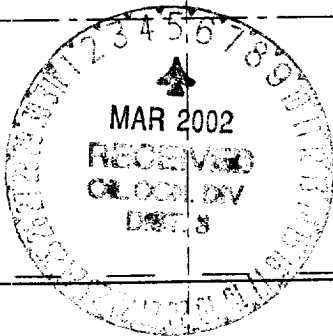

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
P	2	23N	10W		700	SOUTH	765	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 160.0 Acres - (SE/4)	13 Joint or Infill	14 Consolidation Code	15 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

<div>16</div> <div>1297.56'</div> <div>LOT 4</div> <div>LOT 3</div> <div>LOT 2</div> <div>LOT 1</div> <div>1302.84'</div> <div>1321.32'</div> <div>2643.30'</div> <div>5264.16'</div> <div>765'</div> <div>100'</div>	<div>5245.68'</div> <div></div> <div>LH-1896 Issued 11/1/82 DPC-100%</div>	<div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</div> <div><i>Kurt Fagrelus</i></div> <div>Signature</div> <div>Kurt Fagrelus</div> <div>Printed Name</div> <div>Geologist</div> <div>Title</div> <div>2/26/02</div> <div>Date</div> <div>18 SURVEYOR CERTIFICATION</div> <div>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.</div> <div>Survey Date: JANUARY 22, 2002</div> <div>Signature and Seal of Professional Surveyor</div> <div></div> <div><i>JASON C. EDWARDS</i></div> <div>Certificate Number 15269</div>
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