

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

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 Manzano Oil Corporation P.O. Box 2107 Roswell, NM 88202-2107		<sup>2</sup> OGRID Number 013954
		<sup>3</sup> API Number 30 - 25-32750
<sup>4</sup> Property Code 16113	<sup>5</sup> Property Name "SV" Sundown State	<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
M	14	10S	37E		477	South	191	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 Wildcat; Wolfcamp	<sup>10</sup> Proposed Pool 2
---	-------------------------------

<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code 0	<sup>13</sup> Cable/Rotary Pulling Unit	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3941'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 12,040'	<sup>18</sup> Formation Wolfcamp	<sup>19</sup> Contractor El Toro	<sup>20</sup> Spud Date 5/15/00

<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#	350'KB	350 C1 C	Circl
11"	8-5/8"	32#	4,260'KB	1240 Lite +	Circl
				200 C1 C	
7-7/8"	5-1/2"	20 & 23#	12,140'KB	180 sx C1 H (1st)	8000'
				415 sx C1 H (2nd)	

<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.

1. Set CIBP @ 12,040'. Top w/25 sks cement.
2. Set 100' cement plug across DV tool @ 10,007' (50' above & 50' below).
3. Perf Lower Wolfcamp 9466-71'.
4. Evaluate.

Permit Expires 1 Year From Approval  
Date Unless ~~Drilling~~ ~~Underway~~  
*Plug-Back*

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Donnie E. Brown</i>		Approved by:	
Printed name: Donnie E. Brown		Title:	
Title: VP Engineering		Approval Date:	Expiration Date:
Date: 4/26/00	Phone: (505) 623-1996	Conditions of Approval: Attached <input type="checkbox"/>	