

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

Form C-101  
Revised June 10, 2003

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 CONCHO RESOURCES INC. 550 W. TEXAS, SUITE 1300 MIDLAND, TX 79701		<sup>2</sup> OGRID Number 193407
		<sup>3</sup> API Number 30 -025-25117
<sup>3</sup> Property Code 33281	<sup>5</sup> Property Name Union 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
K	3	19S	34E		1650	South	1650	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
K	3	19S	34E		1650	South	1650	West	Lea

<sup>9</sup> Proposed Pool 1 Wildcat LaRica, Wolfcamp	<sup>10</sup> Proposed Pool 2
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<sup>11</sup> Work Type Code Plug Back	<sup>12</sup> Well Type Code Gas	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code State	<sup>15</sup> Ground Level Elevation 4000 GL
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth	<sup>18</sup> Formation	<sup>19</sup> Contractor	<sup>20</sup> Spud Date

<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	68#	420	450 CI C	Circ to surface
12 1/2	8 5/8	32#	5002	450	3180
7 7/8	5 1/2	23	13764	300	12600

<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.

Set CIBP @ 13,290' & cap w/35' cmt. Shoot squeeze perms @ 11,930' and squeezing through a retainer w/900 sx of 50:50:2 Poz: H:Gel w/additives. New TOC should be 9000' w/PBTD @ 11,900'. Perf and test the Wolfcamp from 11,700' - 11,722' and from 11,472' - 11,498'. Acidize zone aa,700' - 11,722' w/2800 gals 15% NeFe. Acidize zone 11,472' - 11,498' w/3200 gals 15% NeFe.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Plugback

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Brenda Coffman</i> Printed name: BRENDA COFFMAN Title: REGULATORY ANALYST E-mail Address: BCOFFMAN@CONCHORESOURCES.COM Date: 01/23/2004 Phone: (432)685-4373		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i> Title: PETROLEUM ENGINEER Approval Date: JAN 27 2004 Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>	
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NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

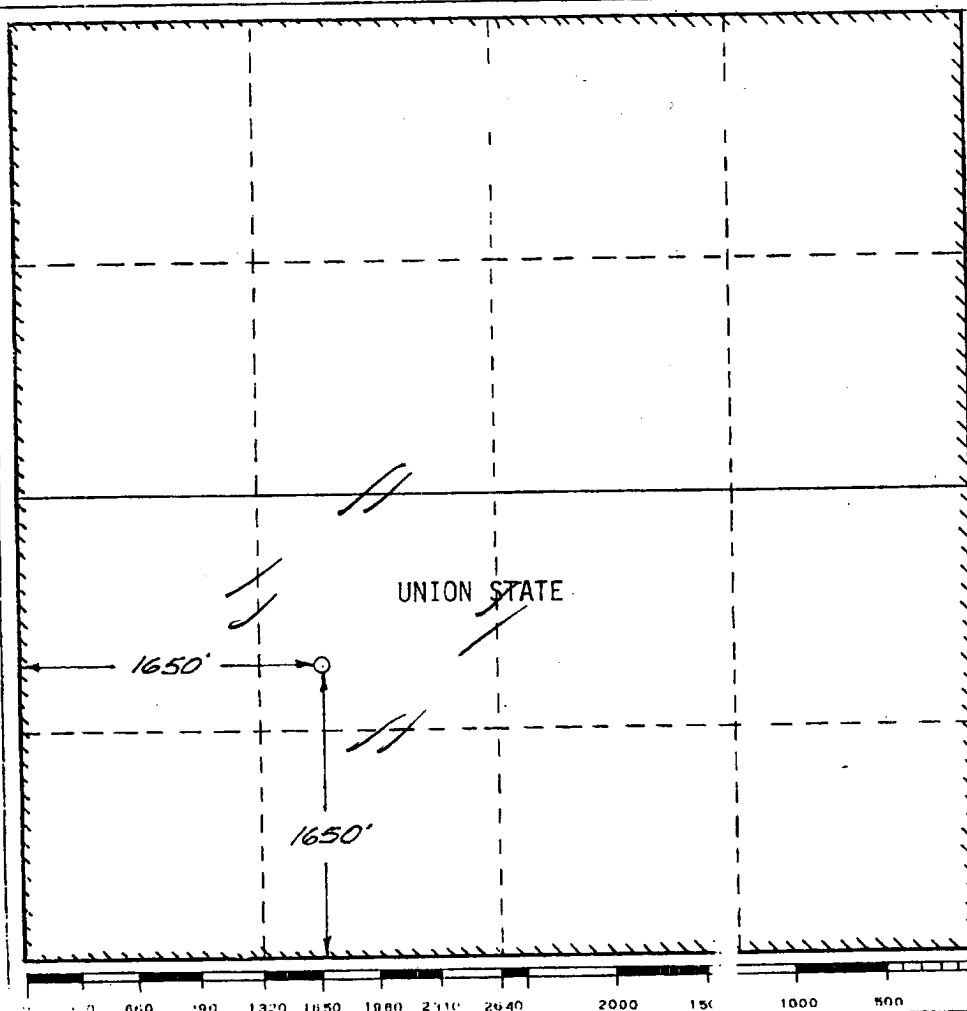
Operator <u>Concho Resources Inc</u>		Lease <u>Union State</u>		Well No. <u>1</u>
Tract Letter	Section <u>3</u>	Range <u>19-S</u>	Range <u>34-E</u>	County <u>LEA</u>
Actual Footage Location of Well: 1650 feet from the South line and 1650 feet from the West line				
Ground Level Elev. <u>4,000' (Est.)</u>	Producing Formation <u>Wolfcamp</u>	Pool <u>La Rica Wildcat</u>	Dedicated Acreage: <u>640 40</u> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Brenda Coffman  
Signature  
Brenda Coffman  
Position  
Concho Resources Inc  
Company  
1-23-04  
Date

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 knowledge and belief.

September 11, 1975

Date Surveyed

Richard B. Duniven

Registered Professional Engineer  
and/or Land Surveyor

Richard B. Duniven  
Signature

Certificate No.

4882