

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

Oil Conservation Division  
2040 South Pacheco  
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 Concho Oil & Gas Corp. 110 W. Louisiana, Ste 410 Midland, TX 79701		<sup>2</sup> OGRID Number 193407
<sup>3</sup> Property Code 30392	<sup>5</sup> Property Name Dark Canyon 22	<sup>4</sup> API Number 30 - 015 - 32398
		<sup>6</sup> Well No. 2

<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	22	23S	26E		660	South	990	West	Eddy

<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 Conlsbad; Morrow, South					<sup>10</sup> Proposed Pool 2				
---	--	--	--	--	-------------------------------	--	--	--	--

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3315'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 12,200	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor	<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
25"	20"	Conductor	40'	Redi-mix	Surface
17-1/2"	13-3/8"	48#	600'	550	Surface
12-1/4"	9-5/8"	40#	2750'	1200	Surface
8-3/4"	5-1/2"	17#	12,200'	950	* 6000' ?

<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. Concho Oil & Gas Corp. respectfully requests approval to drill the above well according to the following procedure: (1) Drill 25" hole to 40'. Set 40' of 20" conductor & Red-mix to surf. (2) Drill 17-1/2" hole to  $\pm$  600'. Set  $\pm$  600' of 13-3/8" H-40 48# ST&C csg. Cmt w/ 350 sx C + additions followed by 200sx C + 2% CaCl<sub>2</sub>. Circ to surf. (3) Drill 12-1/4" hole to  $\pm$  2750'. Set  $\pm$  2750' of 9-5/8" J-55 40# ST&C csg cmt w/ 1000 sx C Lite + additives followed by 200 sx C + 2% CaCl<sub>2</sub>. Circ to surf. (4) Drill 8-3/4" hole to  $\pm$  12,200'. Set  $\pm$  12,200' of 5-1/2" 17# N-80 & S-95 LT&C csg cmt w/ 700 sx Lite H + additives followed by 250 sx H + additives. Est TOC @ 6000'.

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

Signature: *Phyllis A. Edwards*

Printed name: Phyllis A. Edwards

Title: Operations Secretary

Date: 7/16/02

Phone: 915/683-7443

Approved by: *[Signature]*

ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

Title:

Approval Date: JUL 31 2002

Expiration Date: JUL 31 2003

Conditions of Approval:

Attached ☐

\* Cement to cover all oil, gas and water bearing zones.

DARK CANYON 22 #2  
CONCHO OIL & GAS CORP.

Attachment to C-101

July 16, 2002

MUD PROGRAM

17-1/2" hole: fresh water / gel / lime. MW 8.4 – 8.7.

12-1/4" hole: salt water / gel / lime. MW 10.0 – 10.1.

8-3/4" hole: Cut brine / starch / xanthum gum. MW 9.0 – 10.0.

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

# OIL CONSERVATION DIVISION

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

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

**DISTRICT IV**  
**P.O. BOX 2088, SANTA FE, N.M. 87504-2088**

# WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number		Pool Code	Pool Name
Property Code	Property Name DARK CANYON 22		Well Number 2
OGRID No.	Operator Name CONCHO OIL & GAS CORPORATION		Elevation 3315'

### 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	22	23-S	26-E		660	SOUTH	660	WEST	EDDY

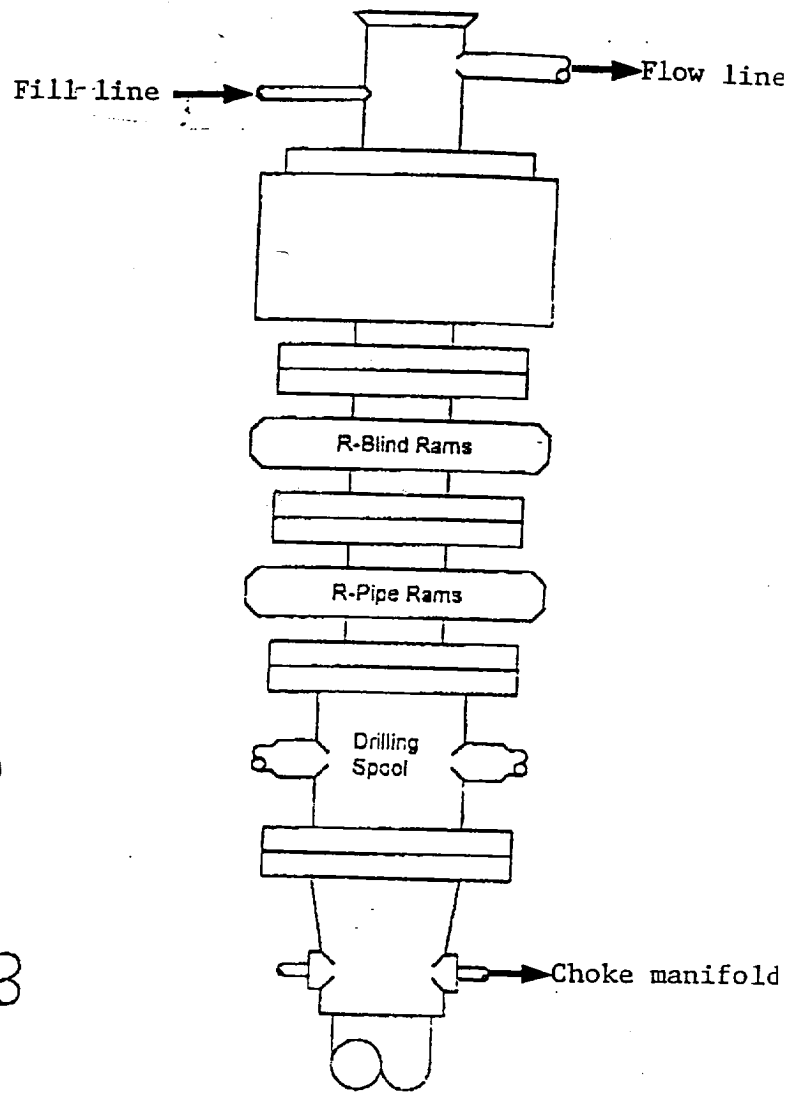
## Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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 style="border: 1px dashed black; height: 400px; width: 100%; position: relative;"><div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; border-left: 1px dashed black; border-top: 1px dashed black;"></div><div style="position: absolute; bottom: 0; left: 0; width: 100%; height: 100%; border-left: 1px dashed black; border-bottom: 1px dashed black;"></div><div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em; font-weight: bold;">X</div></div> <div style="margin-top: 20px; display: flex; align-items: center;"><div style="border-bottom: 1px solid black; width: 50px; margin-right: 5px;"></div><div style="margin-right: 5px;">660'</div><div style="border-left: 1px solid black; height: 50px; margin-left: 5px;"></div><div style="margin-left: 5px; transform: rotate(-90deg);">660'</div></div>	<div style="border: 1px solid black; padding: 5px;"><b>OPERATOR CERTIFICATION</b><p style="margin-top: 10px;"><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p><div style="border-bottom: 1px solid black; margin-top: 10px; width: 100%;">Signature</div><div style="border-bottom: 1px solid black; margin-top: 10px; width: 100%;">Printed Name</div><div style="border-bottom: 1px solid black; margin-top: 10px; width: 100%;">Title</div><div style="border-bottom: 1px solid black; margin-top: 10px; width: 100%;">Date</div></div>
	<div style="border: 1px solid black; padding: 5px;"><b>SURVEYOR CERTIFICATION</b><p style="margin-top: 10px;"><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></p><div style="text-align: center; margin-top: 10px;">MAY 31, 2002</div><div style="display: flex; justify-content: space-between; margin-top: 10px;"><div style="width: 60%;">Date Surveyed</div><div style="width: 40%;">AWB</div></div><div style="border-bottom: 1px solid black; margin-top: 10px; width: 100%;">Signature &amp; Seal of Professional Surveyor</div><div style="text-align: center; margin-top: 10px;"><div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"><div style="text-align: center;"><div style="font-size: 1.5em; font-weight: bold;">RONALD EIDSON</div><div style="font-size: 0.8em;">3239</div></div><div style="margin-top: 10px; font-size: 0.9em;">02.11.04.13</div></div><div style="margin-left: 10px; font-size: 1.2em; font-weight: bold;">6/23/02</div></div></div>
	<div style="border: 1px solid black; padding: 5px;"><div style="display: flex; justify-content: space-between; margin-top: 10px;"><div style="width: 60%;">Certificate No. ...</div><div style="width: 40%; text-align: right;">3239</div></div><div style="display: flex; justify-content: space-between; margin-top: 5px;"><div style="width: 60%;">RONALD EIDSON</div><div style="width: 40%; text-align: right;">12641</div></div></div>
	<div style="border: 1px solid black; padding: 5px;"><div style="display: flex; justify-content: space-between; margin-top: 10px;"><div style="width: 60%;">GARY EIDSON</div><div style="width: 40%; text-align: right;">12641</div></div></div>

# BLOWOUT PREVENTER SYSTEM



Type 900 Series  
3000 psi WP

Choke Manifold Assembly for 3M WP System

