

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. LOUISIAN STE 410 MIDLAND, TX 79701		<sup>2</sup> OGRID Number 193407
		<sup>3</sup> API Number 30-025-35509
<sup>3</sup> Property Code 27357	<sup>5</sup> Property Name Shell State	<sup>6</sup> Well No. 3

<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
I	26	10S	32E		1980	SOUTH	660	EAST	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 CUERNO LARGO PENN					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 4295'
<sup>16</sup> Multiple S	<sup>17</sup> Proposed Depth 10,600	<sup>18</sup> Formation PENN	<sup>19</sup> Contractor JW DRLG	<sup>20</sup> Spud Date 4/30/01

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

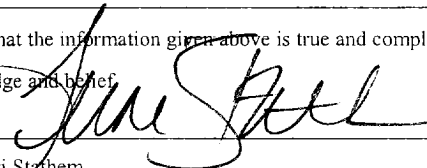

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2	13-3/8	54.5	400	330	SURF
11	8-5/8	32	3750	865	SURF
7-7/8	5-1/2	17	10600	500	7000

22 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 Shell State No. 3 well according to the following procedure:

1. Drill 17-1/2" hole to 400' w/ spud mud. Run 400', 13-3/8", 54.5# csg & cm: w/ 330 sx cmt back to surface.
2. NU 5000# BOP w/ annular preventor. Test BOP, annular, choke manifold, & csg to 1500#.
3. Drill 11" hole w/ native brine to 3750'. Run 3750', 8-5/8", 32# csg & cmt w/ 865 sx cmt back to surface.
4. Drill 7-7/8" hole w/ cut brine to 6700'. Mud up & drill to 10600'. Run 5-1/2", 17# csg & cmt w/ 450 sx - est. TOC @ 7000'.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

<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: Terri Stathem Title: Production Analyst Date: 4/9/01		OIL CONSERVATION DIVISION Approved by:  Title: DISTRICT SUPERVISOR Approval Date: APR 13 2001 Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>	
Phone: (915) 683-7443			

B MP

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

DISTRICT IV  
P.O. Box 2088, Santa Fe, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-025-35509</b>		Pool Code <b>14980</b>	Pool Name <b>Cuerno Largo Penn</b>
Property Code <b>27357</b>	Property Name <b>SHELL STATE</b>		Well Number <b>3</b>
GRID No. <b>193407</b>	Operator Name <b>CONCHO OIL &amp; GAS CORP.</b>		Elevation <b>4304'</b>

Surface Location

UL or lot No. <b>1</b>	Section <b>26</b>	Township <b>10-S</b>	Range <b>32-E</b>	Lot Idn	Feet from the <b>1980</b>	North/South line <b>SOUTH</b>	Feet from the <b>660</b>	East/West line <b>EAST</b>	County <b>LEA</b>
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Bottom Hole Location If Different From Surface

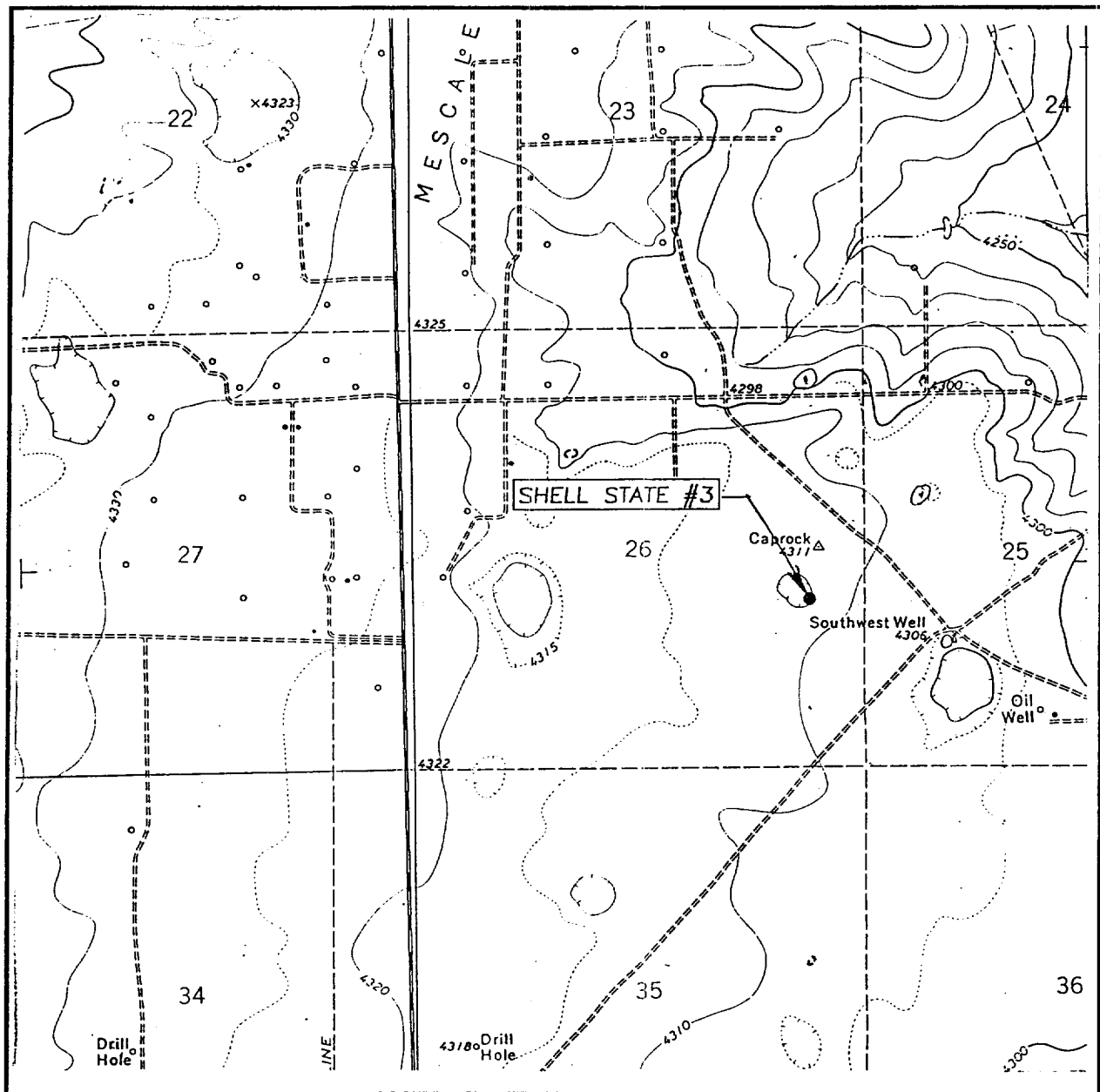
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres <b>40</b>	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   _____ Signature <b>TERRI STATHEM</b> _____ Printed Name <b>PRODUCTION ANALYST</b> _____ Title <b>4/10/01</b> _____ Date	
	<b>SURVEYOR CERTIFICATION</b>  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.  <b>MARCH 27, 2001</b> _____ Date Surveyed <b>AWB</b> _____ Signature & Seal of Professional Surveyor  _____ 01-11-0363 _____ Certificate No. <b>RONALD J. EIDSON 3239</b> <b>GARY EIDSON 12641</b>	

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

CAPROCK, N.M.

SEC. 26 TWP. 10-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980'FSL & 660'FEL

ELEVATION 4304'

OPERATOR CONCHO RESOURCES, INC.

LEASE SHELL STATE

U.S.G.S. TOPOGRAPHIC MAP

CAPROCK, N.M.

JOHN WEST SURVEYING  
HOBBS, NEW MEXICO  
(505) 393-3117