

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised October 18, 1994  
Instructions on back  
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. 110 WEST LOUISIANA SUITE 410 MIDLAND, TEXAS 79701		<sup>2</sup> OGRID Number 166111
		<sup>3</sup> API Number 30-025-34747
<sup>4</sup> Property Code 25020	<sup>5</sup> Property Name SOUTH SHOEBAR "10" STATE COM.	<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
J	10	17S	35E		1650'	South	1650'	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

Vacuum Atoka-Morrow, North (86800)

<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 S	<sup>15</sup> Ground Level Elevation 3958'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 12,700'	<sup>18</sup> Formation Atoka-Morrow	<sup>19</sup> Contractor Unknown	<sup>20</sup> Spud Date When approved

<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	450'	445 Sx.	Circulate
11"	8 5/8"	32	4950'	1735 Sx.	100' from surf.
7 7/8"	5 1/2"	17	12,700'	840 Sx.	4900' " "

<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. Drill 17 1/2" hole to 450'. Run and set 450' of 13 3/8" 48# H-40 casing. Cement with 445 Sx. of Class "C" cement + additives, circulate cement to surface.
2. Drill 11" hole to 4950'. Run and set 4950' of 8 5/8" 32# J-55 ST&C casing. Cement with 1735 Sx. of Class "C" cement + additives, bring cement back to 100' from surface.
3. Drill 7 7/8" hole to 12,700'. Run and set 12,700' of 5 1/2" 17# N-80 & J-55 LT&C casing. Cement with 600 Sx. of Halco Light + additives, tail in with 240 Sx. of Class "H" Premium Plus cement, estimated top of cement 4900' from surface.

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:

Joe T. Janica

Title:

Agent

Date:

11/01/99

Phone:

505-391-8503

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS

DISTRICT 1 SUPERVISOR

Title:

Approval Date:

NOV - 1, 1999

Expiration Date:

Conditions of Approval:

Attached ☐

J  
MP