

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

Operator Name and Address CONCHO RESOURCES, INC. 110 WEST LOUISIANA SUITE 410 MIDLAND, TEXAS 79701		OGRIID Number 166111
Property Code 26918	Property Name SOUTHERN CROSS "22" STATE COM.	API Number 30-015-31460
		Well No. 3

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	22	18S	24E		1650'	South	1150'	West	EDDY

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
Proposed Pool 1 ANTELOPE SINK NORTH-MORROW (70480)					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary ROTARY	Lease Type Code S	Ground Level Elevation 3763'
Multiple NO	Proposed Depth 9000'	Formation MORROW	Contractor Unknown	Spud Date when approved

Minimum WOC time 18 hrs.

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
12 1/4"	8 5/8"	32	1200'	1000 Sx.	Surface
7 7/8"	4 1/2"	11.6	9000'	1250 Sx.	*

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 25" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-mix.
2. Drill 12 1/4" hole to 1200'. Run and set 1200' of 8 5/8" 32# J-55 ST&C casing. Cement with 700 Sx. of 35/65 Class "C" POZ + 12% Salt, 6% Bentonite, + 1/4# Flocele/Sx, + Flocele/Sx, + 2% CaCl, tail in with 300 Sx. of Class "C" cement + 2% CaCl, circulate cement to surface.
3. Drill 7 7/8" hole to 9000'. Run and set 9000' of 4 1/2" 11.6# N-80 LT&C casing. Cement with 300 Sx. of 35/65 POZ Class "H" + 6% Salt, + 6% Bentonite, + 1/4# Flocele/Sx., tail in with 950 Sx. of 50/50 Class "H" POZ, + 6% Salt, + 2% Bentonite. Estimate top of cement 4200' from surface. *Notify N.M.O.C.C. in sufficient

* Cement to cover all Oil, Gas, and water bearing zones.

time to witness cementing
the 8 5/8" casing

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: Joe T. Janica Printed name: Joe T. Janica Title: Agent		OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR Title: Approval Date: NOV 19 2000 Expiration Date: NOV 19 2001 Conditions of Approval: Attached <input type="checkbox"/>	
Date: 11/15/00	Phone: 505-391-8503		

DISTRICT I
P.O. Box 1880, Hobbs, NM 88241-1880

DISTRICT II
P.O. Drawer 80, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Ed., Artesia, NM 87410

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

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 70480	Pool Name ANTELOPE SINK NORTH-MORROW
Property Code	Property Name SOUTHERN CROSS "22" STATE COM.	Well Number 3
OGRID No. 166111	Operator Name CONCHO RESOURCES, INC.	Elevation 3676

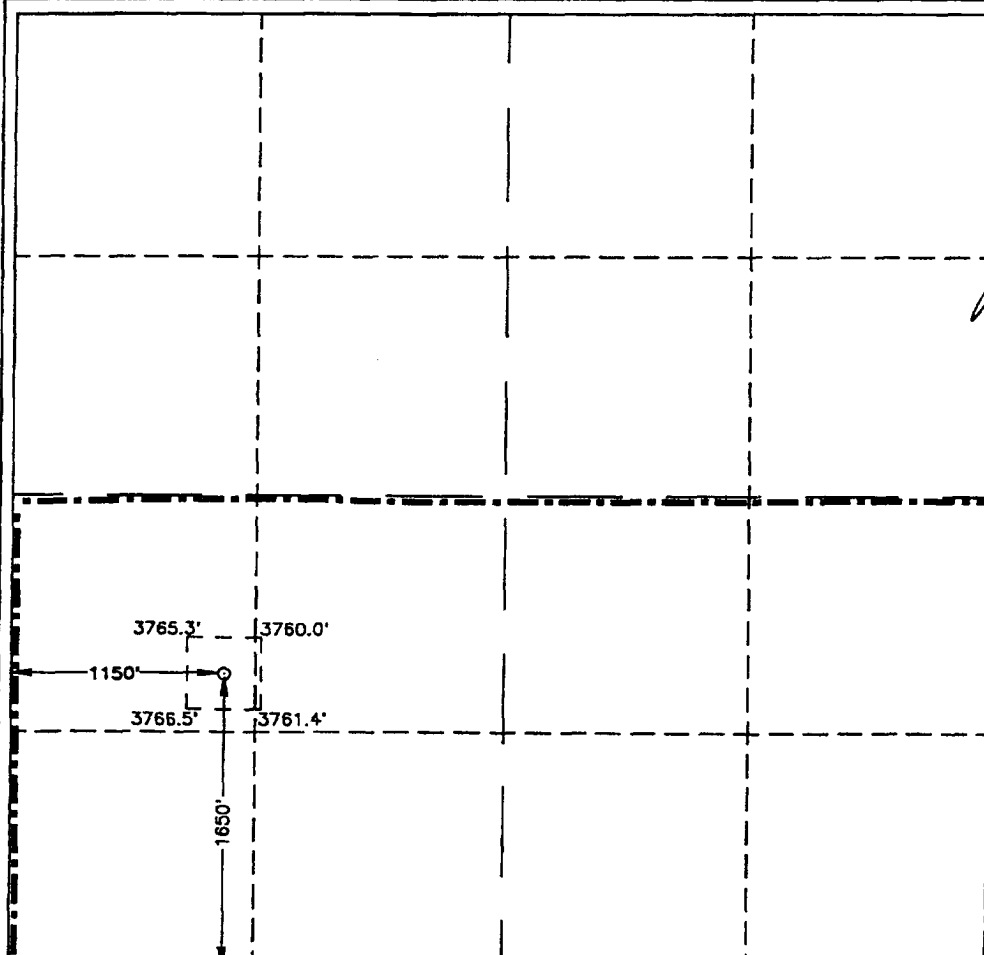
Surface Location

UL or lot No. L	Section 22	Township 18 S	Range 24 E	Lot Idn	Feet from the 1650	North/South line SOUTH	Feet from the 1150	East/West line WEST	County EDDY
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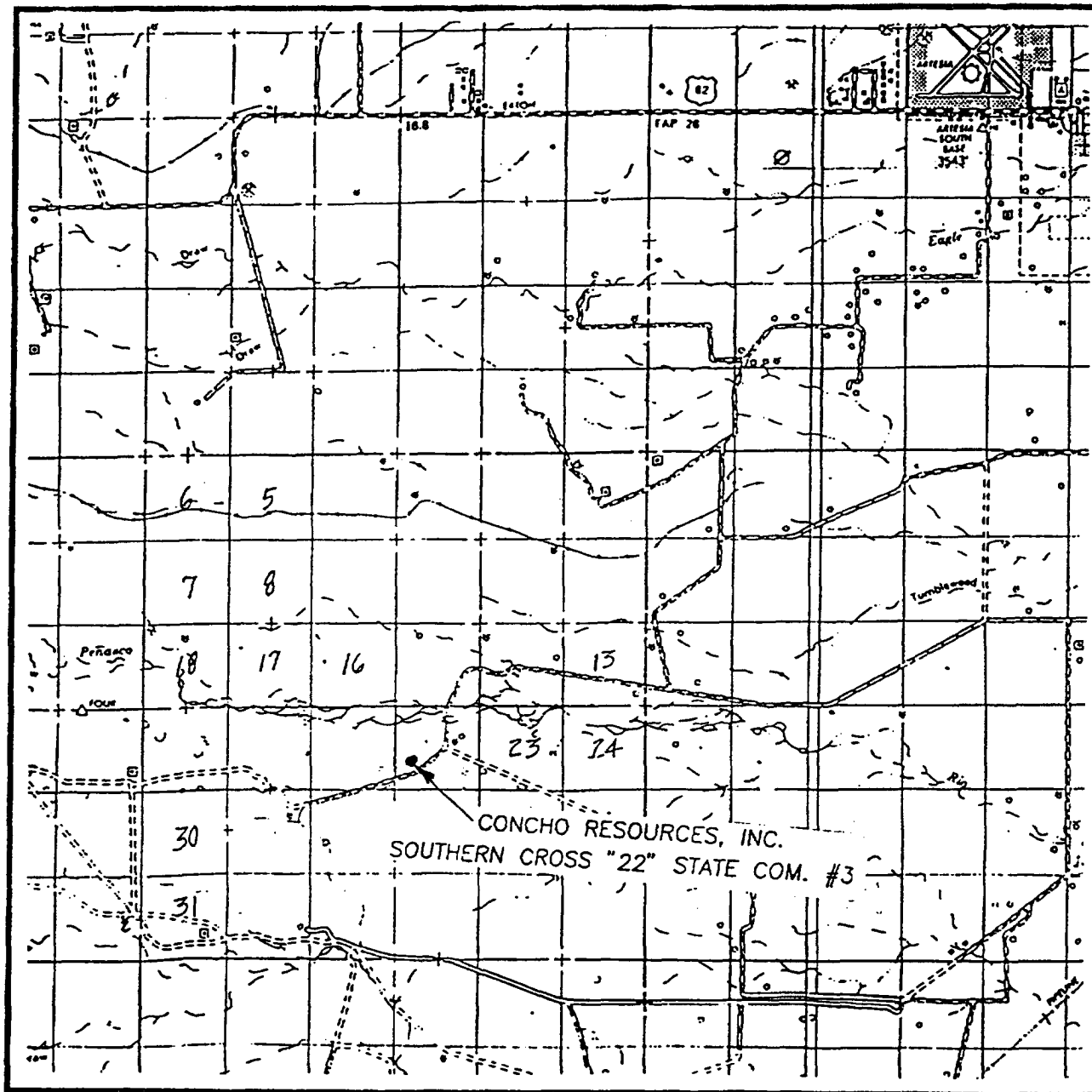
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Joe T. Janica</i> Signature Joe T. Janica Printed Name Agent Title 11/15/00 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>OCTOBER 20, 2000 Date Surveyed JLP Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 11/15/00 W.O. Num. 00-11-1326 Certificate No. RONALD J. EIDSON, 3239 GARY G. EIDSON, 12841</p>
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VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 22 TWP. 18-S RGE. 24-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1650' FSL & 1150' FWL

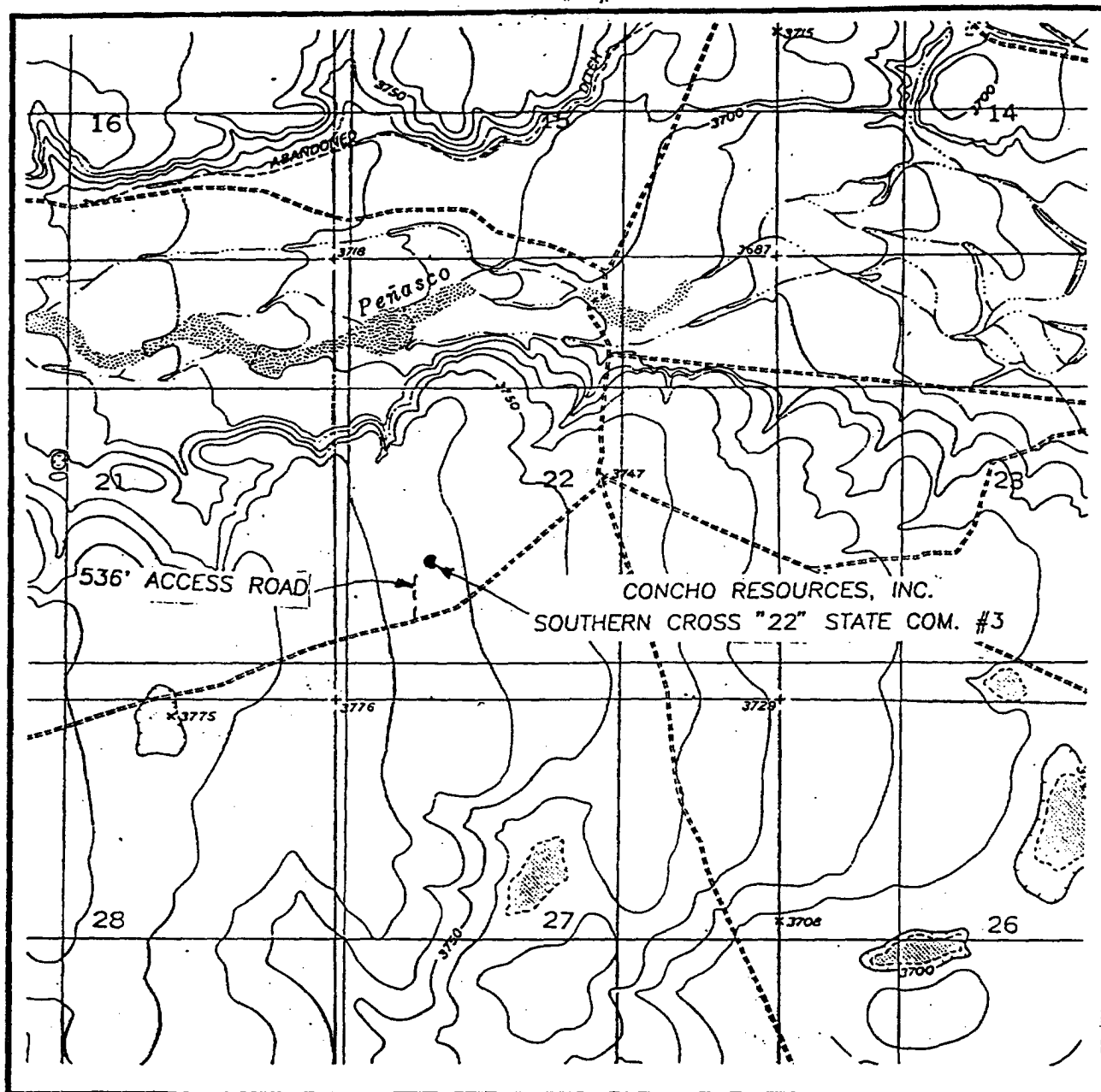
ELEVATION 3763

OPERATOR CONCHO RESOURCES, INC.

LEASE SOUTHERN CROSS "22" STATE COM.

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 10'

SEC. 22 TWP. 18-S RGE. 24-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1650' FSL & 1150' FWL

ELEVATION 3763

OPERATOR CONCHO RESOURCES, INC.

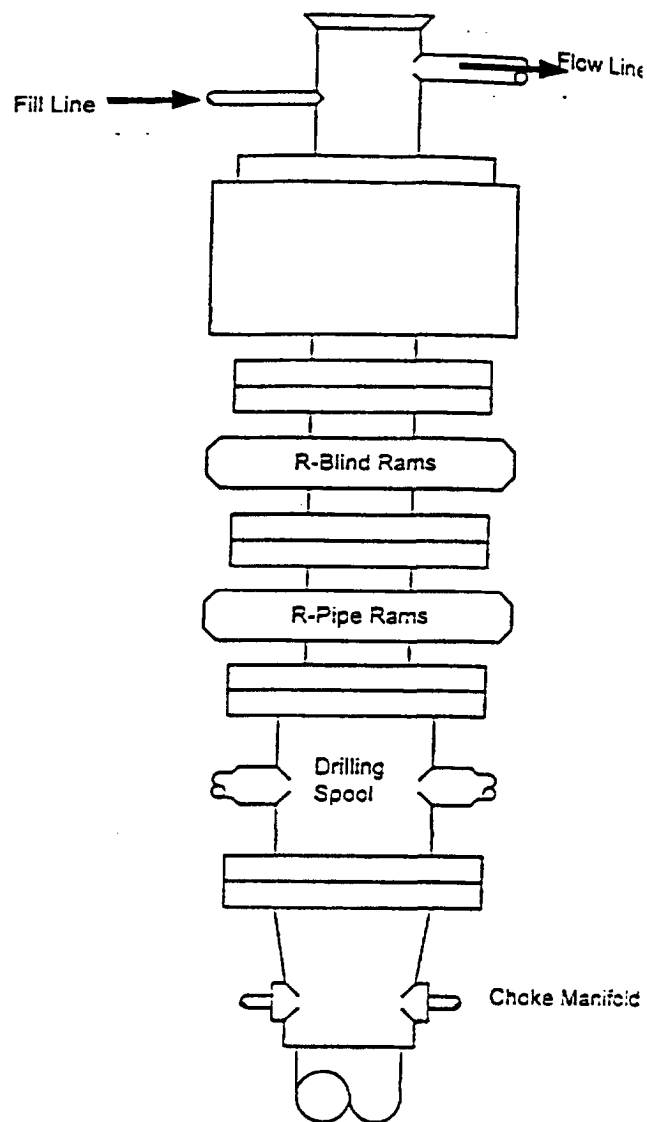
LEASE SOUTHERN CROSS "22" STATE COM.

U.S.G.S. TOPOGRAPHIC MAP

PARISH RANCH, N.M.

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

BLOWOUT PREVENTER SYSTEM



Type 900 Series
3000 psi WP.

Choke Manifold Assembly for 3M WP System

