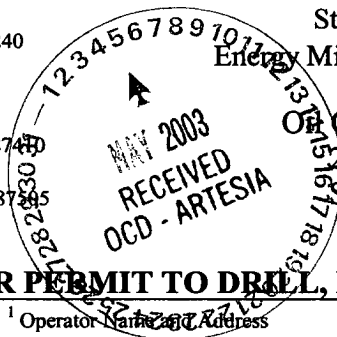


District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87400
District IV
2040 South Pacheco, Santa Fe, NM 87505



State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

5
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

¹ Operator Name and Address Concho Oil & Gas Corp. 110 W. Louisiana, Ste. 410 Midland, Texas 79701		² OGRID Number 193407
		³ API Number 30-153-2670 30-015-32670
⁴ Property Code 32039	⁵ Property Name Southern Cross 27 State	⁶ Well No. 001

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	27	18S	24E		1980	North	1980	East	Eddy

⁸ 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
⁹ Proposed Pool 1 Penasco Draw; Permo Penn (Gas) 82775						¹⁰ Proposed Pool 2 Antelope Sink Undesignated; Morrow, North			

¹¹ Work Type Code DEEPEN	¹² Well Type Code Gas	¹³ Cable/Rotary	¹⁴ Lease Type Code Fee	¹⁵ Ground Level Elevation 3740
¹⁶ Multiple N	¹⁷ Proposed Depth 8800'	¹⁸ Formation Morrow	¹⁹ Contractor Patterson	²⁰ Spud Date 05/02/2003

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	32#	1250	800	0
7 7/8"	4 1/2"	11.6#	8800'	900 sx Cl "H"	4500'
				+ Additives	

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.

Drill from 6700 - 8000 w/9.4 - 9.8# Cut brian + starch. Vis 36-40 WL20
8000 - 8800 w/9.4 - 9.8# Cut brian, starch + Gel Vis 38 - 40 WL8

BOP SAME AS BEFORE

*Verbal Per Brian
5-2-03*

²³ 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 Date: 05/02/2003		OIL CONSERVATION DIVISION Approved by: <i>Jim W. Burns</i> Title: <i>District Supervisor</i> Approval Date: MAY 06 2003 Expiration Date: MAY 06 2004 Conditions of Approval: Attached <input type="checkbox"/>	
Phone: (915)683-7443			

31245

DISTRICT II

811 South First, Artesia, NM 88210

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87504-2088

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-15-32670	Pool Code	Pool Name Undesignated; Marron
Property Code 32039	Property Name SOUTHERN CROSS "27" STATE	Well Number 1
OGRID No. 193407	Operator Name CONCHO OIL & GAS CORP.	Elevation 3740'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	27	18-S	24-E		1980'	NORTH	1980'	EAST	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 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

			OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature BRENDA COFFMAN Printed Name REGULATORY ANALYST Title 5-2-03 Date
			SURVEYOR CERTIFICATION 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. February 12, 2003 Date Surveyed Signature & Seal of Professional Surveyor W.O. No. 3077 Certificate No. Gary L. Jones 7977 BASIN SURVEYS