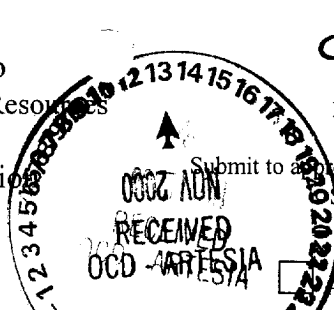


District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

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

¹ Operator Name and Address CONCHO RESOURCES INC. 110 W. LOUISIANA STE 410 MIDLAND TX 79701		² GRID Number 166111
³ Property Code 25195	⁵ Property Name SOUTHERN CROSS '20' STATE COM	⁴ API Number 30 -015-30897
		⁶ Well No. 1

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
P	20	18S	24E		1200	SOUTH	1100	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

ATOKA

¹⁰ Proposed Pool 2

STRAWN

¹¹ Work Type Code Plugback	¹² Well Type Code GAS	¹³ Cable/Rotary	¹⁴ Lease Type Code STATE	¹⁵ Ground Level Elevation 3822'
¹⁶ Multiple Single	¹⁷ Proposed Depth 8250	¹⁸ Formation Atoka & Strawn	¹⁹ Contractor	²⁰ Spud Date

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	1226	800 C	circ
7-7/8	4-1/2	11.6	8700	1820 H	3920

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 Resources Inc. respectfully requests approval to plugback the Southern Cross '20' State Com No. 1 well according to the following procedure:

1. MIRU. ND tree & NU BOP. POOH w/ tbg.
2. RIH w/ 4-1/2" CIBP & set @ 8250'. Dump 35' cmt on top. (abandoning Morrow). PBTD @ 8225'.
3. RIH & perf Atoka @ 8120-8148' w/ 2 SPF.
4. Swab if necessary & acidize w/ 1100 gals 7-1/2% NEFE if necessary. Swab well if needed.
5. If successful return well to production from Atoka perfs, if unsuccessful continue w/ step 6.

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

Signature:

Printed name: Terri Statnem

Title: Production Analyst

Date: 11/7/00

Phone: 915/683-7443

B6P

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUST
DISTRICT II SUPERVISOR

Title:

Approval Date: **NOV 27 2000**

Expiration Date: **NOV 27 2001**

Conditions of Approval:

Attached ☐

CONCHO RESOURCES INC.
ATTACHEMENT I
SOUTHERN CROSS '20' STATE COM #1
PLUGBACK PROCEDURE – ATTACHMENT TO C101

6. RIH w/ CIBP & set @ 8100'. Dump 35' cmt on top. (Abandoning Atoka).
7. RIH & perf Strawn @ 7802-08' w/ 4 SPF.
8. Acidize w/ 51000 SCF/N₂ & 1100 gals 7.5% NEFE HCL.
9. Swab well if needed.
10. If needed frac well w/ 27,000 gals binary foam carrying 30000# 20/40 Econoprop.
11. Return well to production from Strawn perms.