

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

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 79702		OGRID Number 166111
Property Code 27481	Property Name SOUTHERN CROSS "33" STATE COM.	API Number 30-015-31602
		Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
H	33	18S	24E		1980'	NORTH	660'	EAST	EDDY

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South

85/8"

NOTIFY OCD SPUD & TIME TO WITNESS
CEMENTING OF INTERMEDIATE CASING

Proposed Pool 1 UNDES. ANTELOPE SINK - MORROW
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Work Type Code N	Well Type Code G	Cable Rotary ROTARY	Lease Type Code S	Ground Level Elevation 3760'
Multiple NO	Proposed Depth 9000'	Formation MORROW	Contractor Unknown	Spud Date When approved

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 1/2"	8 5/8"	24	1200'	1000 Sx.	Surface
7 7/8"	4 1/2"	11.6	9000'	1225 Sx	4400' or*

* Cement to cover all oil, gas & water bearing zones.

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 1/2" hole to 1200'. Run and set 1200' of 8 5/8" J-55 24# ST&C casing. Cement with 1000 Sx. of Class "C" cement. 500 Sx. of Halco Light + additives, tail in with 500 Sx. of Class "C" cement + 2% CaCl + 1/2# flocele/Sx. Circulate cement to surface.
3. Drill 7 7/8" hole to 9000'. Run and set 9000' of 4 1/2" casing as follows: 1100' of 11.6# N-80 LT&C, 7000' of 11.6# J-55 LT&C, 900' of 11.6# N-80 LT&C. Cement with 300 Sx. of 35/65 Class "H" POZ + 6% Bentonite + 6% Salt + 1/2# Flocele/Sx., tail in with 925 Sx. of 50/50 Class "H" POZ + 2% Bentonite + 6% Salt, cement to a minimum of 600' above the top of Wolfcamp or cover all oil gas or water zones.

Fresh Water to @ 12cc'

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Joe T. Janica</i>	Approved by: ORIGINAL SIGNED BY TIM W. GUM	DISTRICT II SUPERVISOR	
Printed name: Joe T. Janica	Title:		
Title: Agent	Approval Date: FEB 14 2001	Expiration Date: FEB 14 2002	
Date: 02/12/01	Phone: 505-391-8503	Conditions of Approval:	

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

State of New Mexico
Energy, Minerals and Natural Resources Depart

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., Artesia, NM 87410

DISTRICT IV
P.O. BOX 2068, SANTA FE, N.M. 87504-2068

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
		UNDES. ANTELOPE SINK - MORROW
Property Code	Property Name	Well Number
	SOUTHERN CROSS "33" STATE COM.	1
GRID No. 166111	Operator Name CONCHO RESOURCES, INC.	Elevation 3760'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	33	18-S	24-E		1980	NORTH	660	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.
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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

OPERATOR CERTIFICATION

I hereby certify the the information
contained herein is true and complete to the
best of my knowledge and belief.

Joe T. Jahica
Signature
Joe T. Jahica
Printed Name
Agent
Title
02/12/01
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.

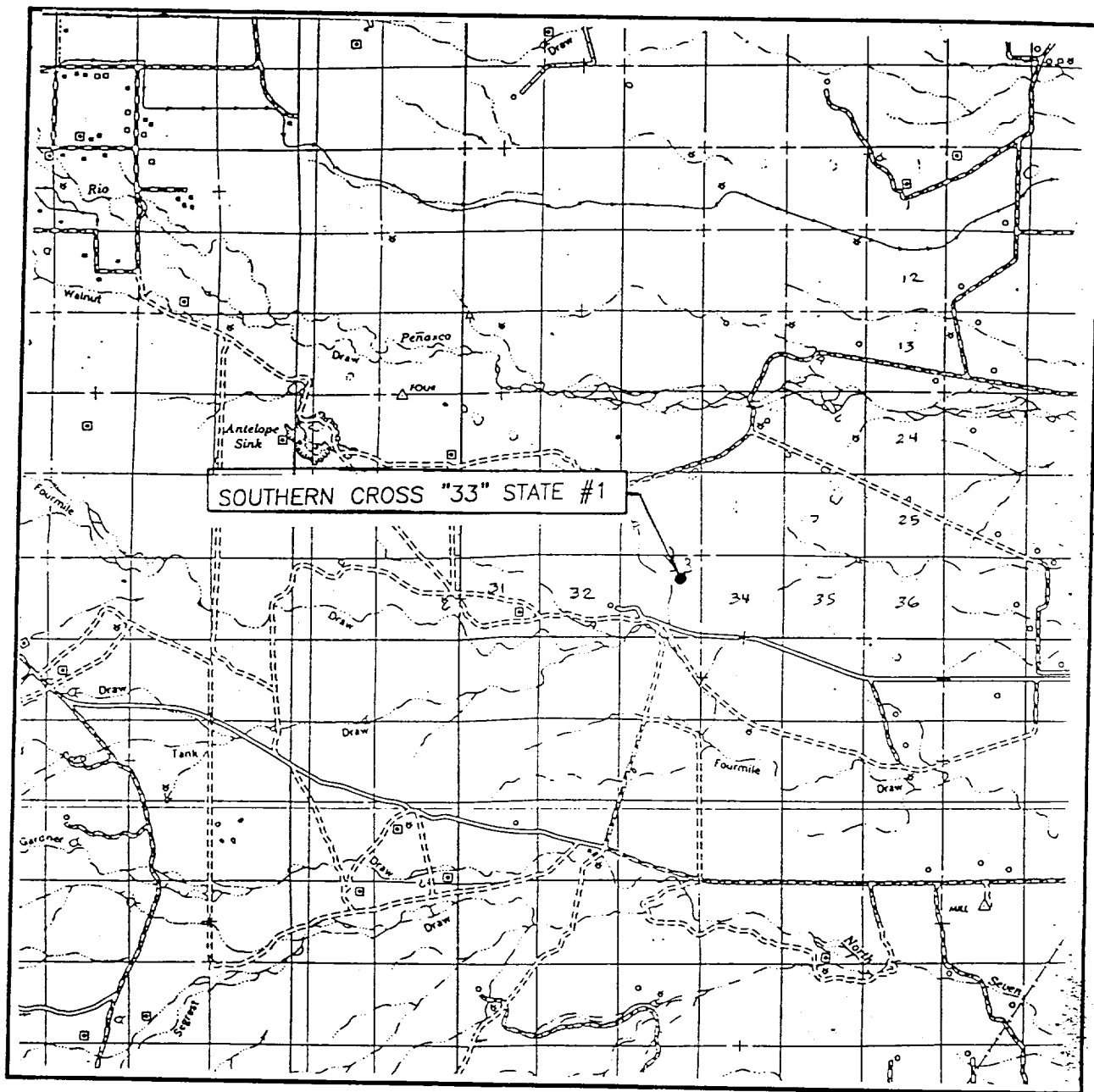
JANUARY 23, 2001

Date Surveyed
Signature & Seal of
Professional Surveyor

Ronald J. Eidson
01/29/01
601-TT-0096

Certificate No. RONALD J. EIDSON 3239
GARY EIDSON 12841

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 33 TWP. 18-S RGE. 24-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1980'FNL & 660'FEL

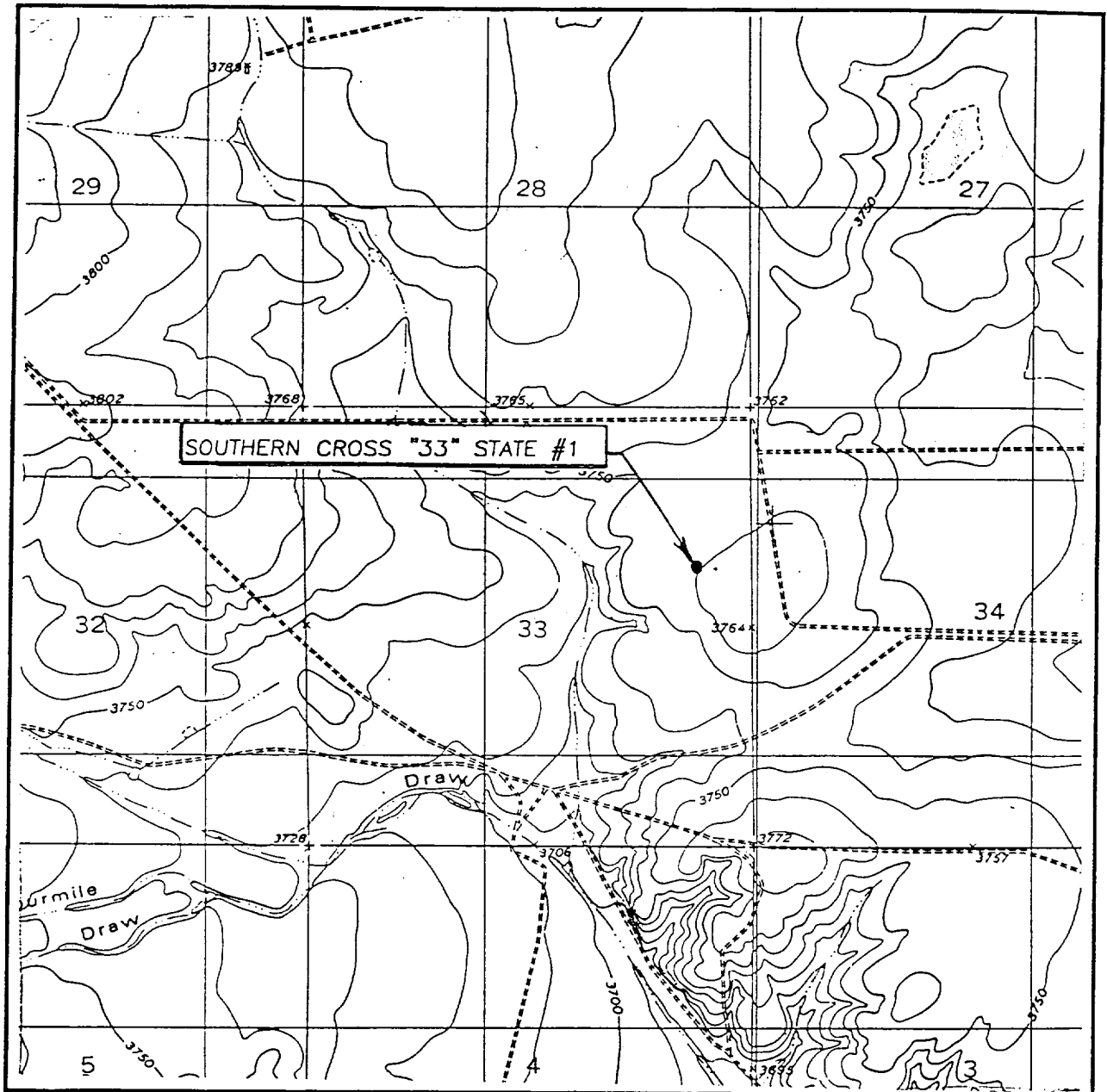
ELEVATION 3760'

OPERATOR CONCHO RESOURCES, INC.

LEASE SOUTHERN CROSS "33" STATE COM.

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

SEC. 33 TWP. 18-S RGE. 24-E

PARISH RANCH, N.M.

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1980'FNL & 660'FEL

ELEVATION 3760'

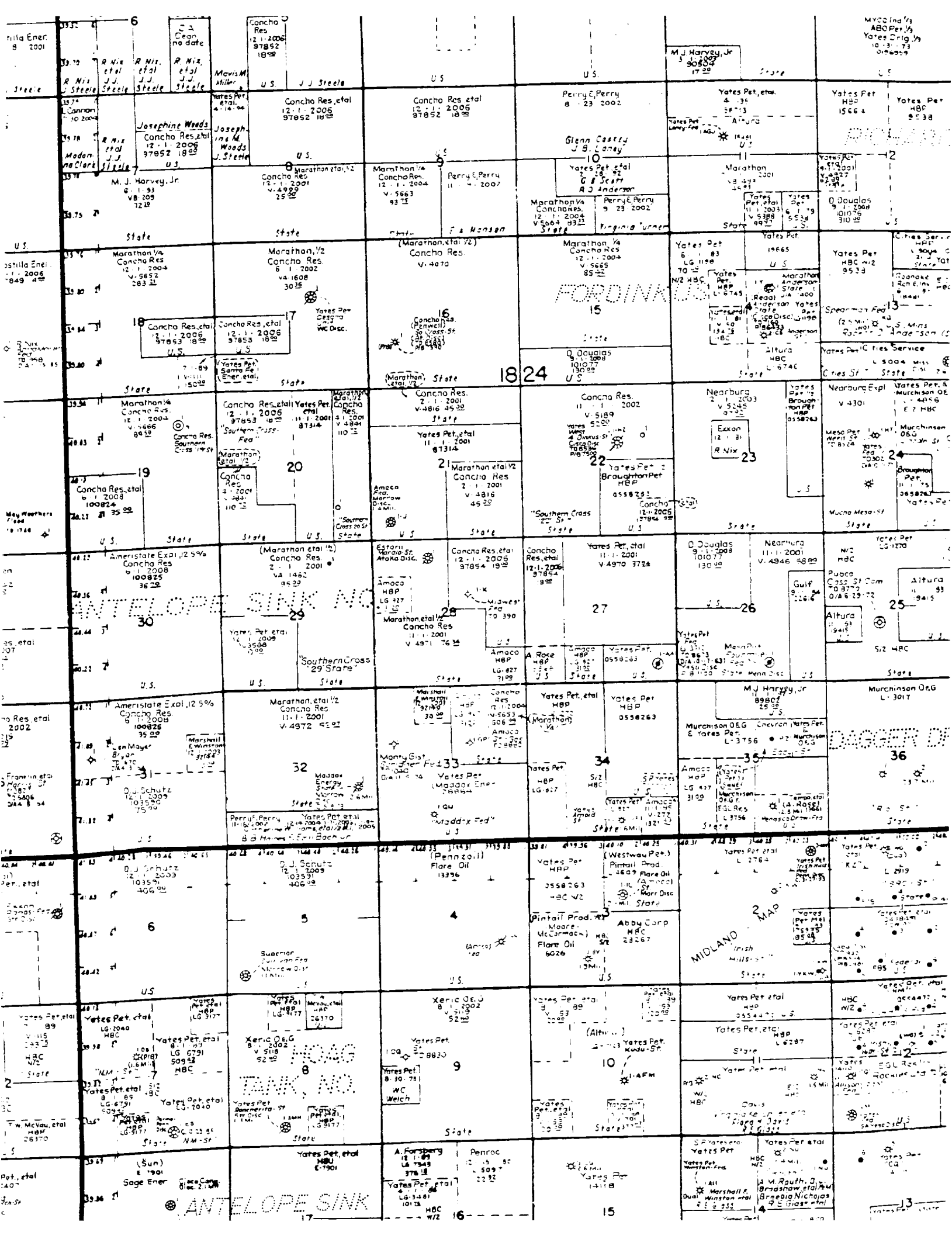
OPERATOR CONCHO RESOURCES, INC.

LEASE SOUTHERN CROSS "33" STATE COM

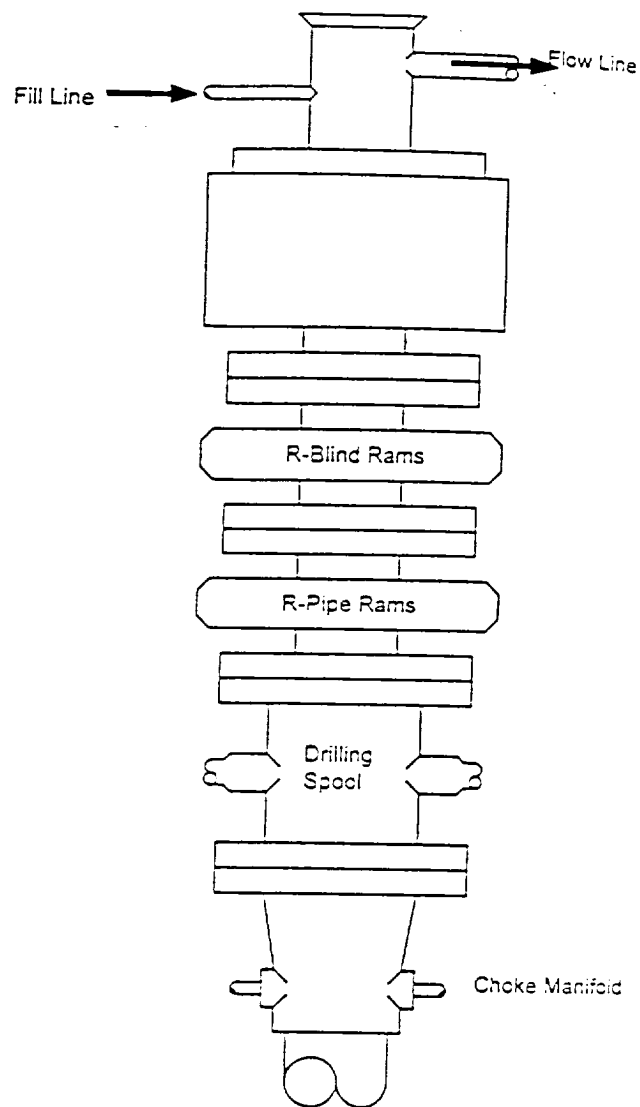
U.S.G.S. TOPOGRAPHIC MAP

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

