

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

RECEIVED
OCD ARTESIA

☐ 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		DGRID Number 166111
Property Code 20881	Property Name SOUTHERN CROSS "21" STATE COM.	API Number 30-015-31437
		Well No. 3

Surface Location

UL or lot no. P	Section 9	Township 18S	Range 24E	Lot Idn	Feet from the 1100'	North/South line SOUTH	Feet from the 990'	East/West line EAST	County EDDY
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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
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UNDES. 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 3783'
Multiple NO	Proposed Depth 9000'	Formation MORROW	Contractor Unknown	Spud Date When approved

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

Notify N.M.O.C.C. in sufficient time to witness cementing

* 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# floccle/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# Floccle/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.

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

Date: 11/02/00

Phone: 505-291-8503

OIL CONSERVATION DIVISION

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Approved by:

Title:

Approval Date:

NOV 07 2000

Expiration Date:

NOV 07 2001

Conditions of Approval:

DISTRICT I

P.O. Box 1990, Hobbs, NM 88241-1990

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

DISTRICT II

P.O. Drawer 110, Artesia, NM 88211-0710

DISTRICT III

1000 Rio Brazos Rd., Artesia, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT IV

P.O. Box 2088, Santa Fe, NM 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 "21" STATE COM.	Well Number 3
OGRID No. 166111	Operator Name CONCHO RESOURCES, INC.	Elevation 3783

Surface Location

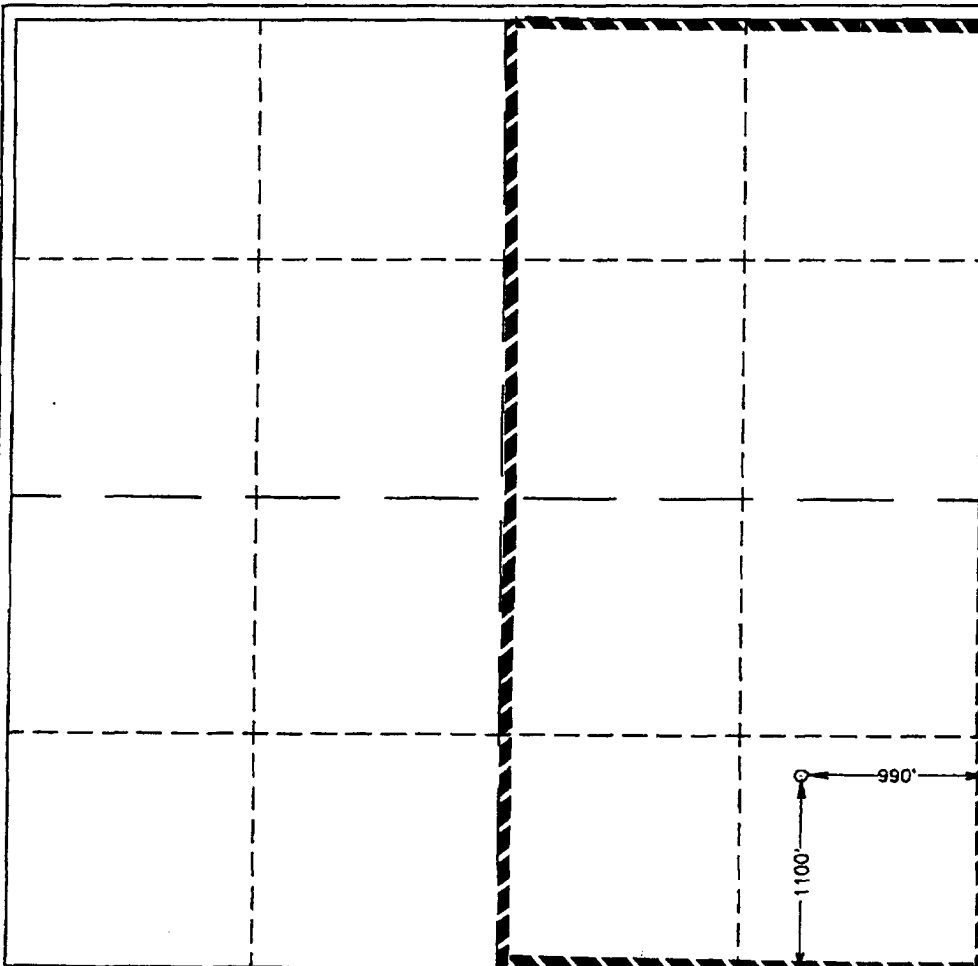
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	21	18 S	24 E		1100	SOUTH	990	EAST	EDDY

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 that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Joe T. Janica

Printed Name

Agent

Title

11/02/00

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.

OCTOBER 20, 2000

Date Surveyed

Signature & Seal of Professional Surveyor

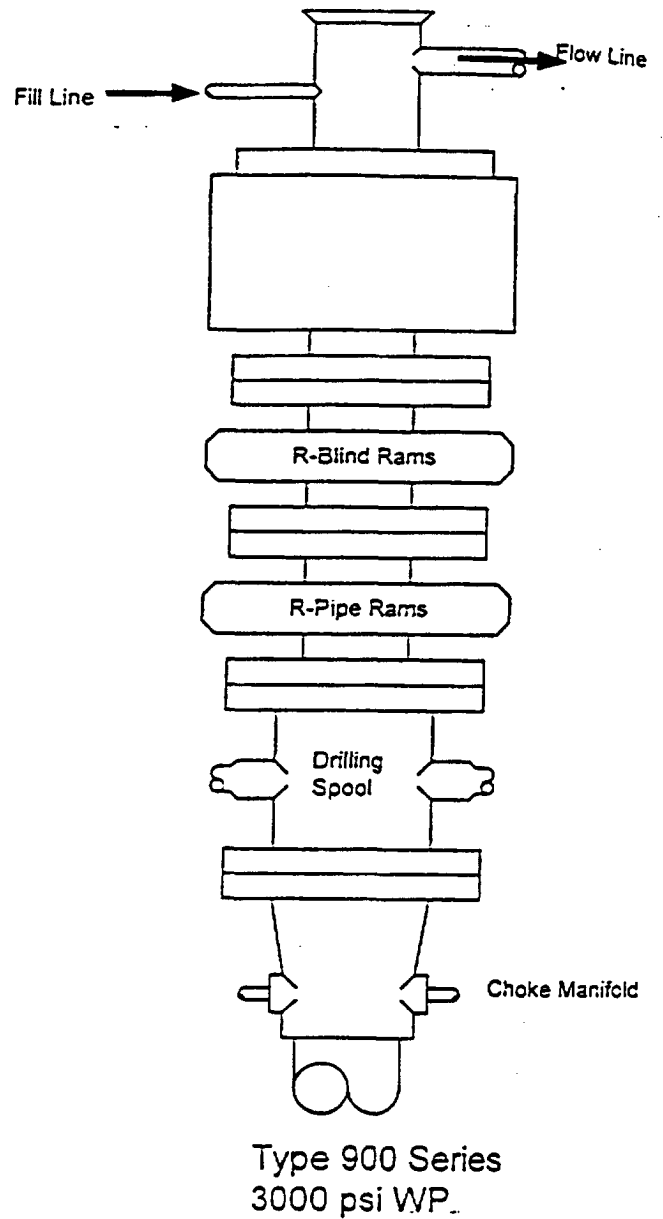
RONALD J. EIDSON

W.O. Num. 00-11-1328

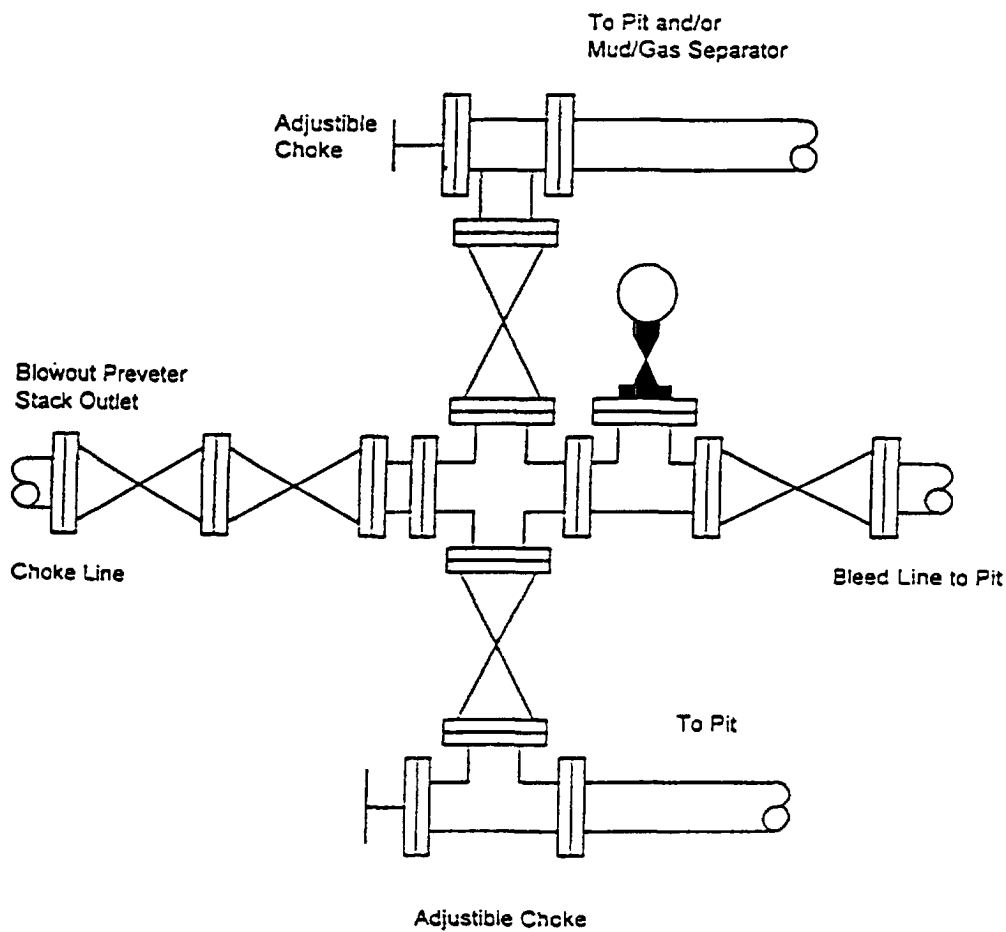
Certificate No. RONALD J. EIDSON, 3239

PROFESSIONAL SURVEYOR, EIDSON, 12041

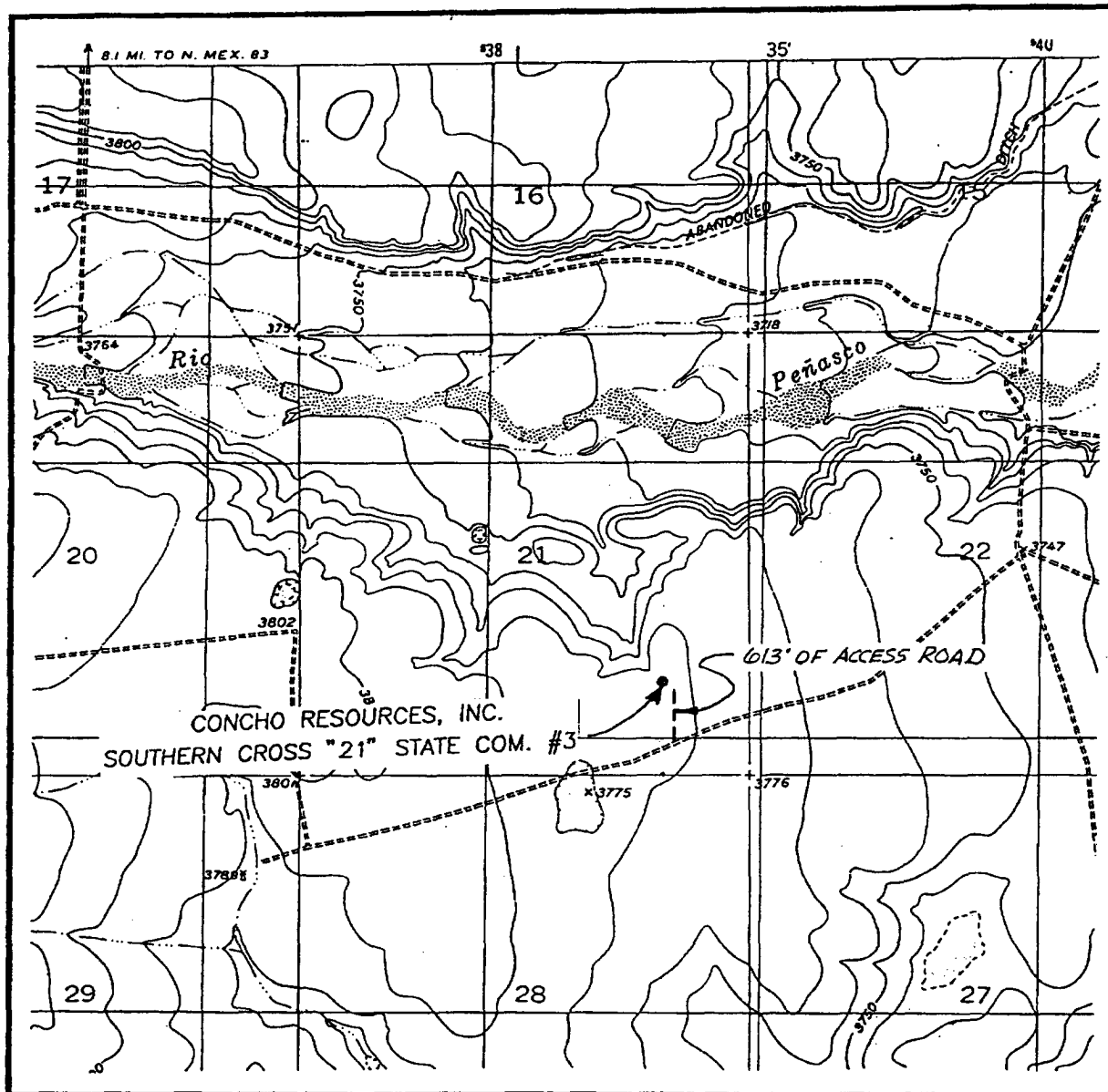
BLOWOUT PREVENTER SYSTEM



Choke Manifold Assembly for 3M WP System



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 10'

SEC. 21 TWP. 18-S RGE. 24-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1100' FSL & 990' FEL

ELEVATION 3783

OPERATOR CONCHO RESOURCES, INC.

LEASE SOUTHERN CROSS "21" STATE COM.

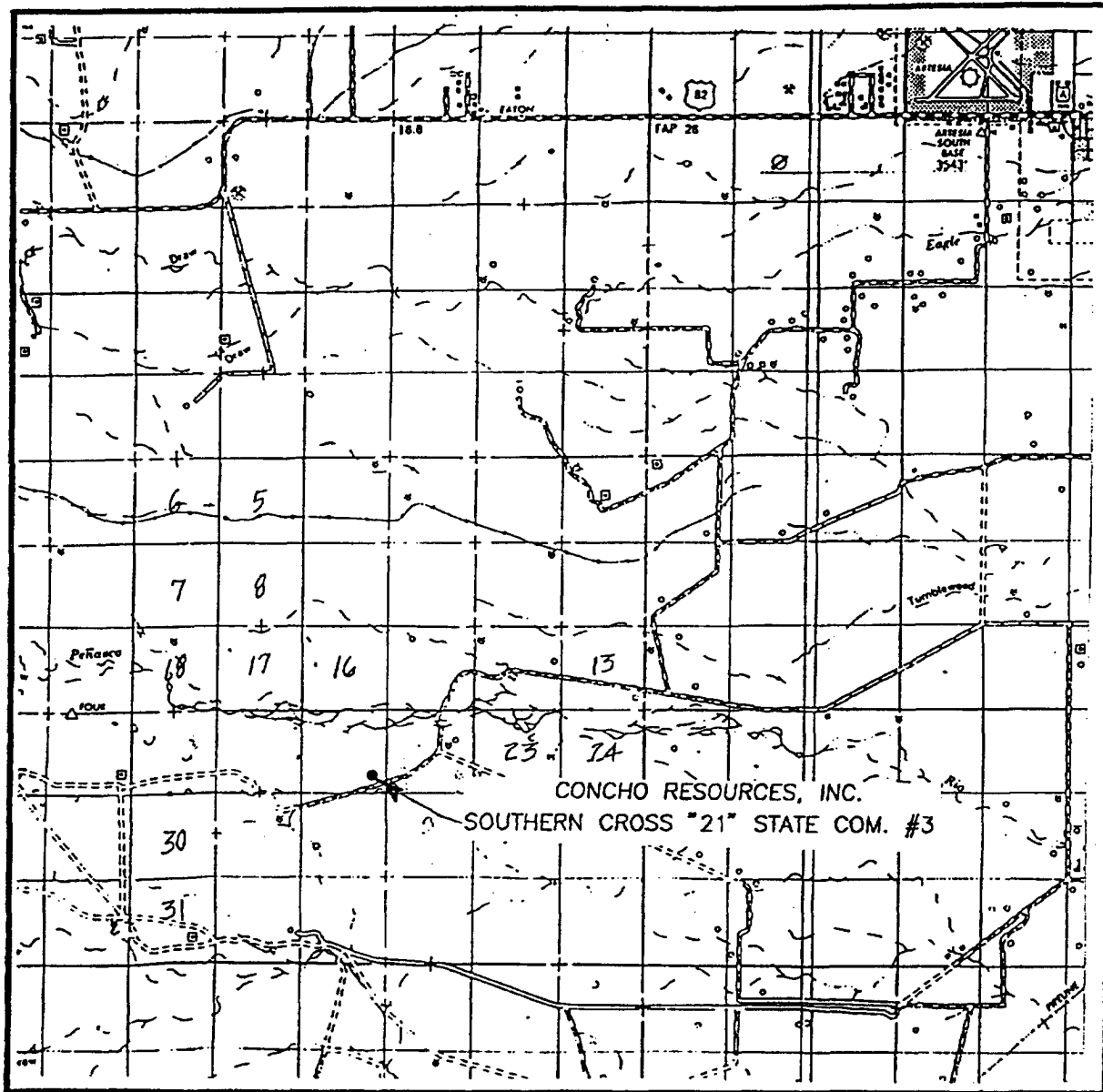
U.S.G.S. TOPOGRAPHIC MAP

PARISH RANCH, N.M.

**JOHN WEST SURVEYING
HOBBS, NEW MEXICO**

(505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 21 TWP. 18-S RGE. 24-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1100' FSL & 990' FEL

ELEVATION 3783

OPERATOR CONCHO RESOURCES, INC.

LEASE SOUTHERN CROSS "21" STATE COM.

**JOHN WEST SURVEYING
HOBBS, NEW MEXICO**

(505) 393-3117