

1025 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

Form C-101
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

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		ADGRID Number 166111
Property Code 26982	Property Name RIFLEMAN "5" STATE	AN Number 30-015-31490
		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
M	5	22S	26E		1533'	SOUTH	918'	WEST	EDDY

Proposed Bottom Hole Location If Different From

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

Proposed Pool I

HAPPY VALLEY-MORROW (78060)

NOTIFY OCD SPUD & TIME TO WITNESS 16"
& 9 5/8" CEMENTING OF CASING

Work Type Code N	Well Type Code G	Cable/Rotary ROTARY	Lease Type Code S	Ground Level Elevation 3569'
Multiple NO	Proposed Depth 11,500'	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
17 1/2"	16" 13 3/8"	48	600'	650 Sx.	Surface
12 1/2" 14 3/4"	9 5/8"	36	2250'	1400 Sx.	Surface
8 3/4"	5 1/2"	17	11,500	2350 Sx.	Est. 2000'

Describe the proposed program. If this application is to DEEPEN or PLUGBACK, 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 pipe and cement to surface with Redi-mix.
2. Drill 17 1/2" hole to 600'. Run and set 600' of 13 3/8" H-40 48# ST&C casing. Cement with 650 Sx. of Class "C" cement + 2% CaCl, circulate cement to surface.
3. Drill 12 1/2" hole to 2250'. Run and set 2250' of 9 5/8" 36# J-55 ST&C casing. Cement with 1400 Sx. of cement as follows: 200 Sx. of Thixotropic Class "C" + 10% Cal Seal + 2% CaCl, follow with 950 Sx. of Class "C" Halco Light + 1/2# Flocele/Sx., + 1# Gilsonite/Sx., + 6% Gel, + 12% Salt, tail in with 250 Sx. Class "C" + 2% CaCl, circulate cement to surface.
4. Drill 8 3/4" hole to 11,500'. Run and set 11,500' of 5 1/2" 17# S-95 LT&C casing. Cement in two stages: 1st stage cement with 1100 Sx. of Modified Super "H" + .4% CFR3, + 5# Gilsonite /Sx. + .5% Halad 344 + 3# Salt/Sx. 2nd stage cement with 1050 Sx. of Class "C" Halco Light + 1/2# Flocele/Sx. + 1# Gilsonite/Sx. + 6% Gel, tail in with 200 Sx. of Class "C" + 2% CaCl.

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

Signature: *Joe T. Janiga*
Printed name: Joe T. Janiga
Title: Agent

Date: 11/23/00
Phone: 505-391-8503

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUN
DISTRICT IV SUPERVISOR B6A

Title:
Approval Date: DEC 04 2000 Expiration Date: DEC 04 2001

Conditions of Approval:
Attached ☐

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

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

DISTRICT III
1000 Rio Bravos Rd., Aztec, 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 78060	Pool Name HAPPY VALLEY-MORROW
Property Code	Property Name RIFLEMAN 5 STATE	Well Number 1
OGRID No. 166111	Operator Name CONCHO RESOURCES, INC.	Elevation 3573

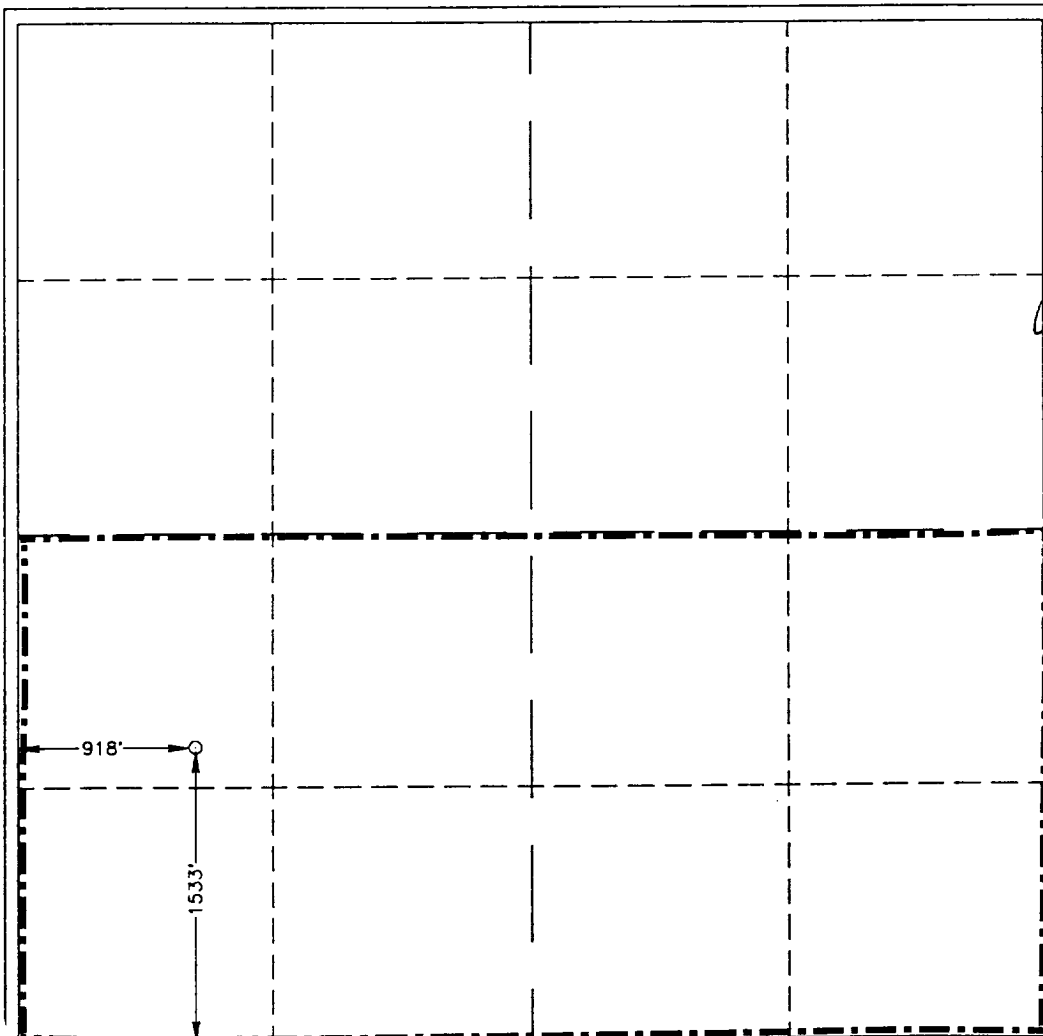
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	5	22 S	26 E		1533	SOUTH	918	WEST	EDDY

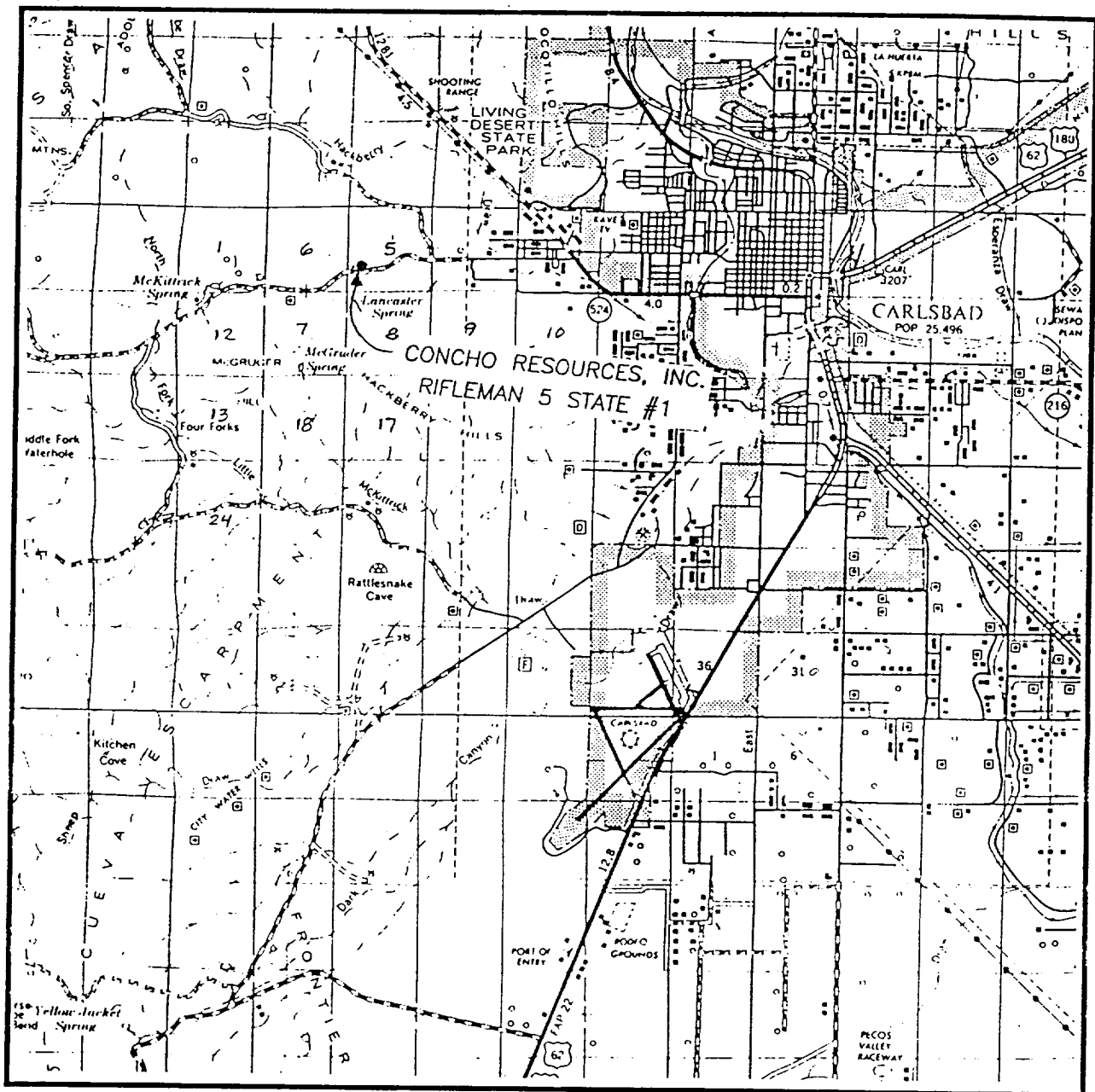
Bottom Hole Location If Different From Surface

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. <i>Joe T. Janica</i> Signature Joe T. Janica Printed Name Agent Title 11/23/00 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. NOVEMBER 17, 2000 Date Surveyed JLP Signature & Seal of Professional Surveyor <i>Ronald G. Eidson</i> 11/20/00 W.O. Num. 00-11-1472 Certificate No. RONALD G. EIDSON, 3239 GARY G. EIDSON, 12641

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 5 TWP. 22-S RGE. 26-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1533' FSL & 918' FWL

ELEVATION 3573

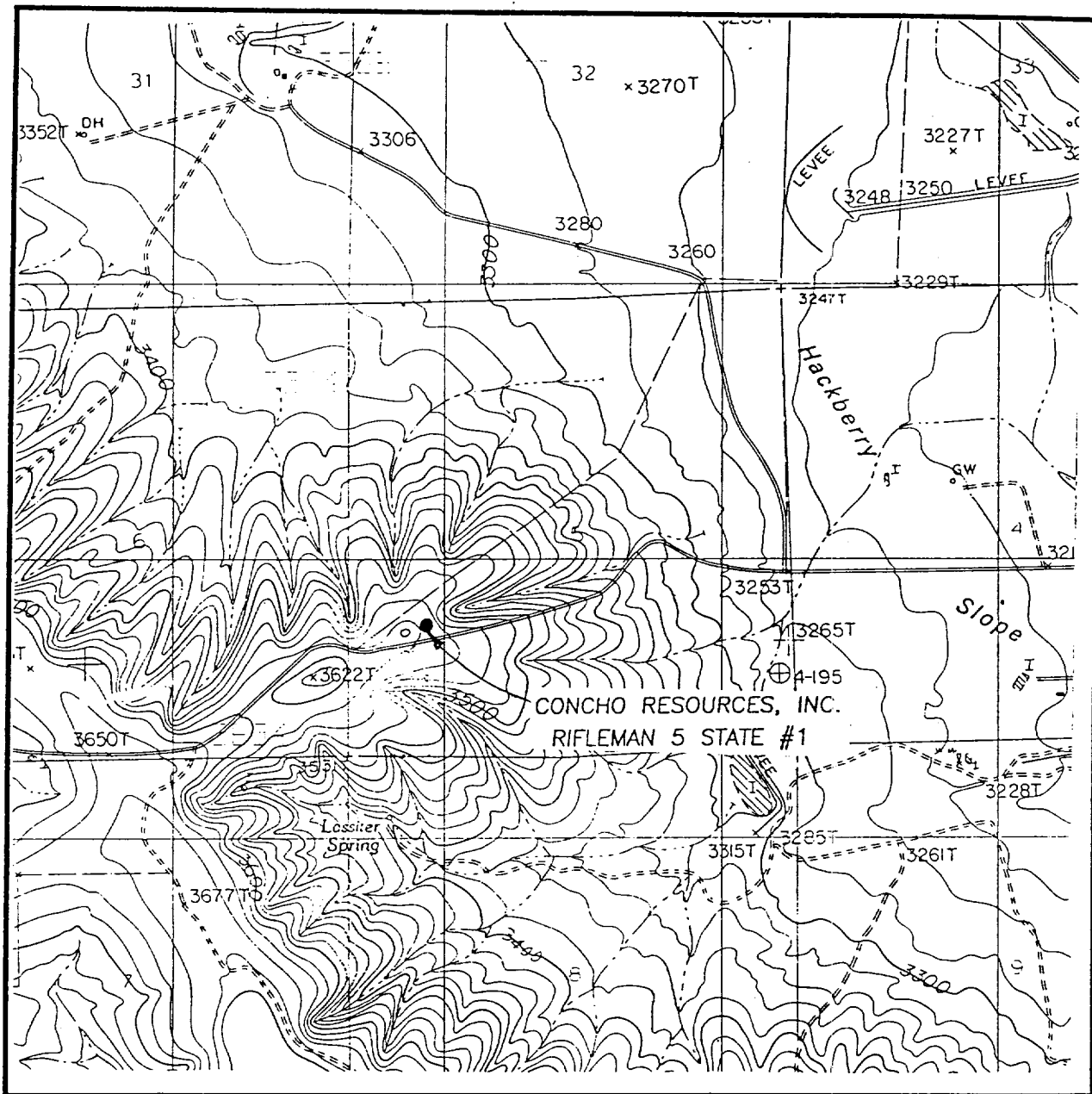
OPERATOR CONCHO RESOURCES, INC.

LEASE RIFLEMAN 5 STATE

**JOHN WEST SURVEYING
HOBBS, NEW MEXICO**

(505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 20'

SEC. 5 TWP. 22-S RGE. 26-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1533' FSL & 918' FWL

ELEVATION 3573

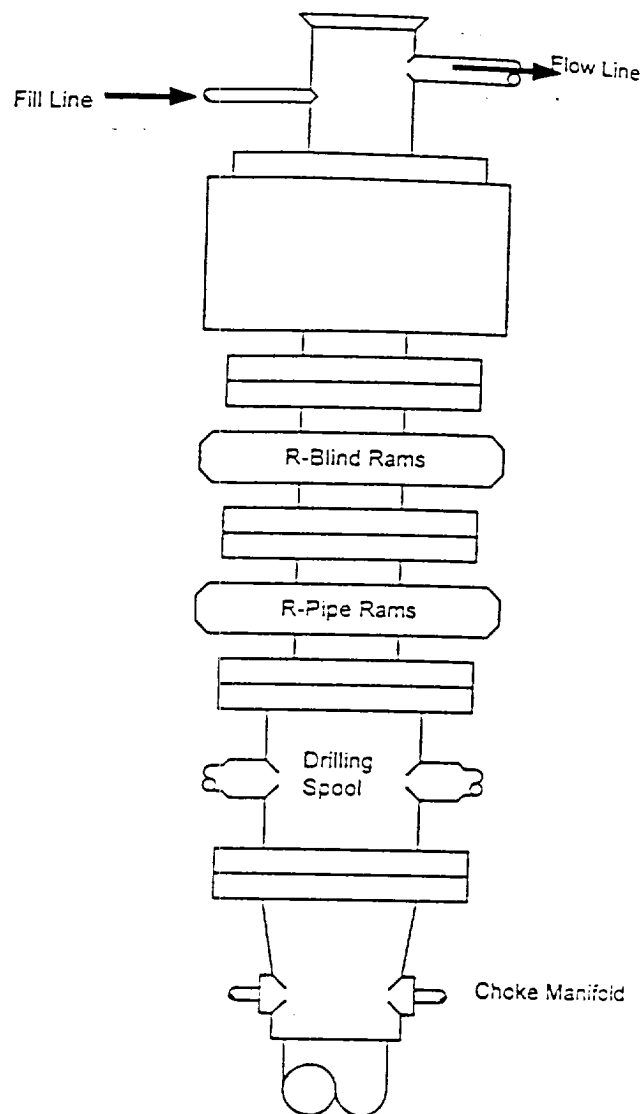
OPERATOR CONCHO RESOURCES, INC.

LEASE RIFLEMAN 5 STATE

U.S.G.S. TOPOGRAPHIC MAP

CARLSBAD WEST, N.M.

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



Type 900 Series
3000 psi WP

Choke Manifold Assembly for 3M WP System

