

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

CISE
BLM
STH
4/2

Form C-101
Revised February 10, 1994
Instructions on back
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 Harvey E. Yates Company P.O. Box 1933 Roswell, N.M. 88202		OGRD Number 10179 API Number 30-015-32161
Property Code 12964	Property Name MESQUITE 2 STATE	WELL NO. #8

Surface Location									
UL or Lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
UL "H"	2	T-18S	R-31E		1,980'	NORTH	660'	EAST	EDDY

UL or Lot no.	Section	Township	Range	Lot Idn	Feet from the	North	County
Proposed Bottom Hole Location If Different							
Proposed Pool 1 UNDESIGNATED TAMANO BONE SPRINGS							

* Cement to cover all oil, gas and water bearing zones

Work Type Code	Well Type Code	Cable/Rotary	Contractor	Ground Level Elevation
N Multiple	O Proposed Depth	ROTARY Formation	S Contractor	3,801' GR Spud Date
N	9,200'	WOLFCAMP	UTI DRILLING	01-Feb-02

Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	0'	400	CIRC. TO SURFACE
12 1/4"	8 5/8"	32#	2,250'	1000	CIRC. TO SURFACE
7 7/8"	5 1/2"	17#	9,200'	1200	600' ABOVE PAY*
13 3/8" casing set in Arkhansite Section of Rustler @ 750'-800' Bld					

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.

MUD PROGRAM

DEPTH TYPE OF MUD

0-300 FRESH WATER w/ PAPER & SHALE GUARD.

300-2,250 BRINE WATER w/ PAPER & EZ MUD.

2,250-9,200 FRESH WATER w/ PAPER, EZ MUD, N03, 30-60,000 CHLORIDES, & SWEEPS AS NEEDED.

PRESSURE CONTROL EQUIPMENT

3,000# BOP

OTHER

THIS IS A POSSIBLE H2S AREA. AN H2S COMPLIANCE PACKAGE WILL BE UTILIZED.

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

Signature *Bob Williams*

Printed name: Bob Williams

Title: Drilling Superintendent

Date: 01/11/2002

Phone: 505-623-6601

OIL CONSERVATION DIVISION

Approved by

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date: JAN 14 2002

Expiration Date: JAN 14 2003

Conditions of Approval:

Attached

EXHIBIT "C" BOP STACK
MESQUITE 2 STATE #8
1,980' FNL & 660' FEL
SEC 2, T18S, R31E
EDDY COUNTY, NM

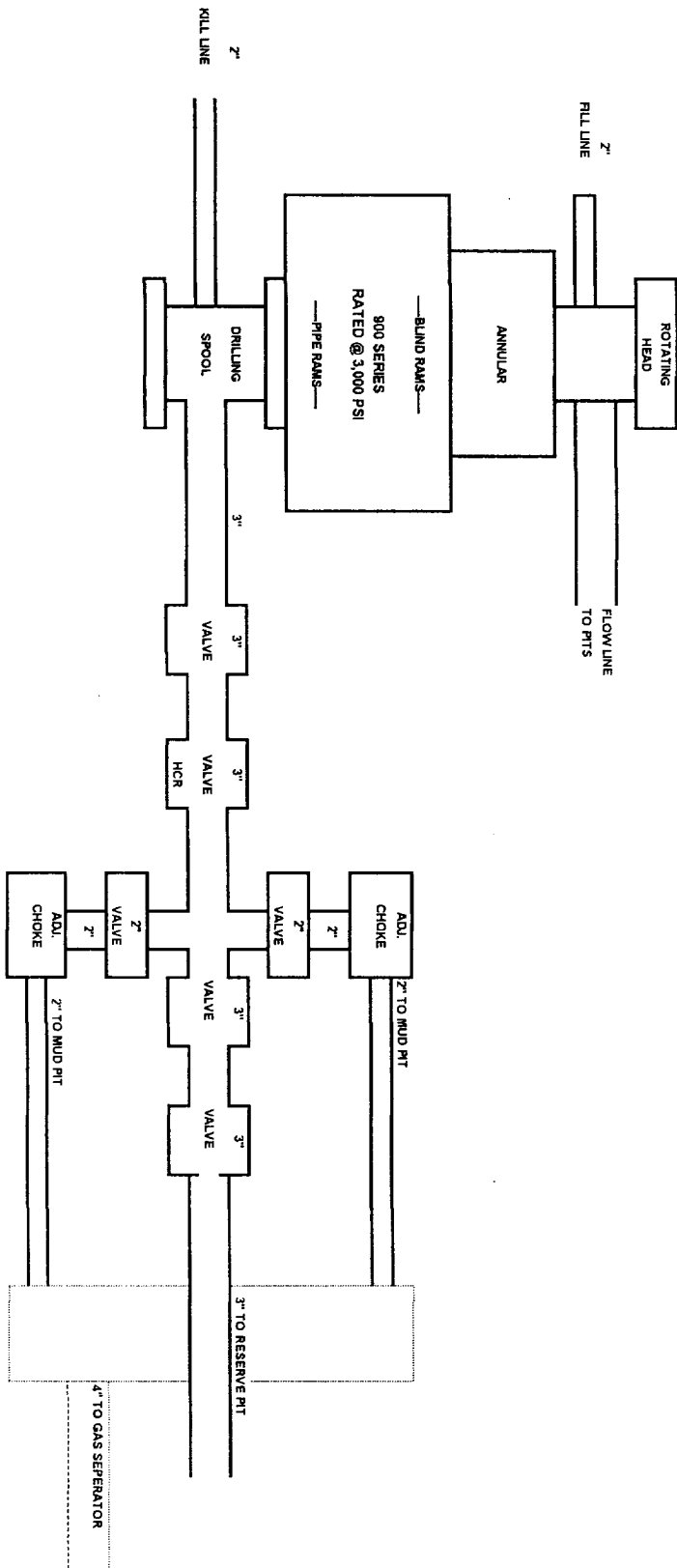
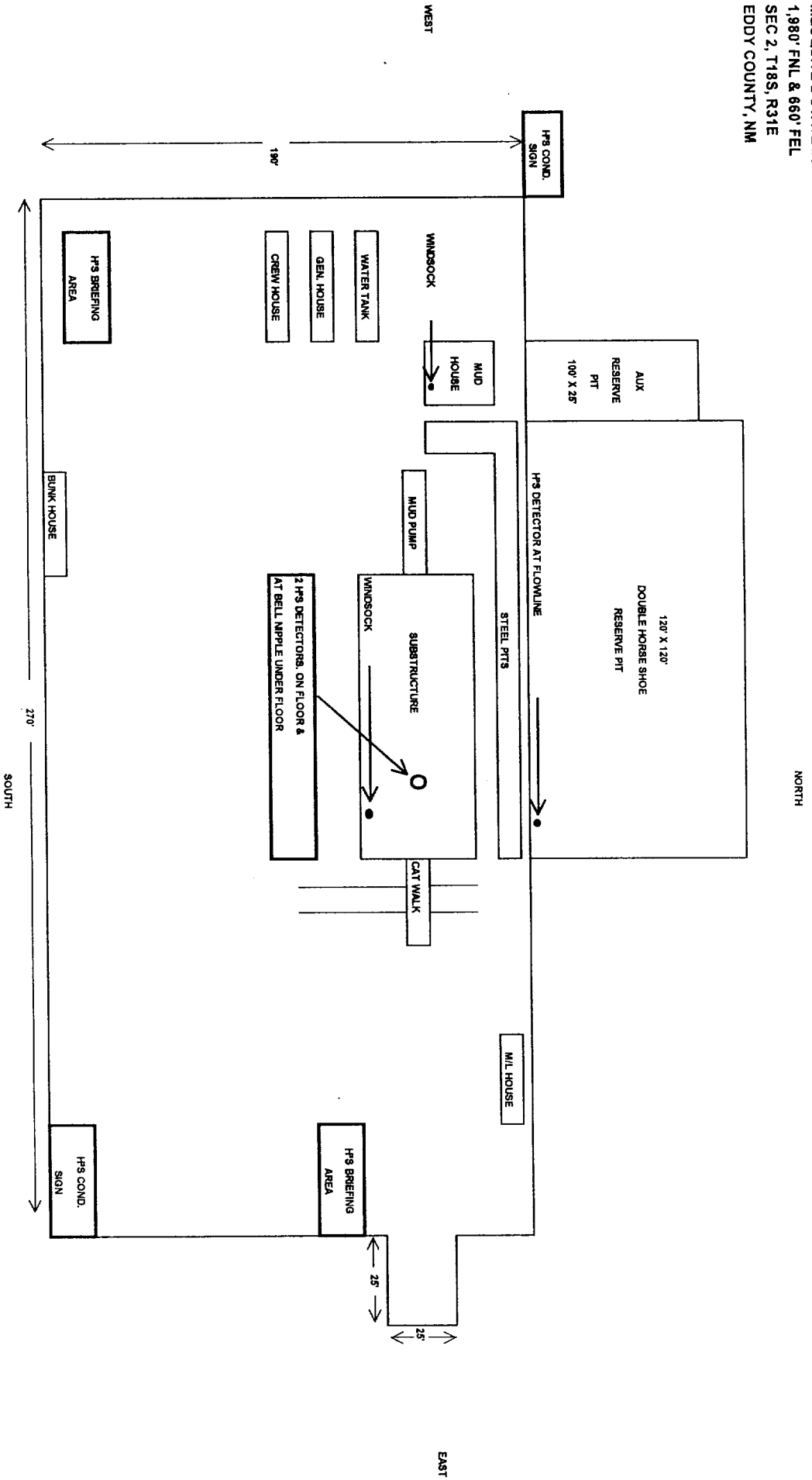


EXHIBIT "D" LOCATION DIAGRAM

MESQUITE 2 STATE #8
1,980' FNL & 660' FEL
SEC 2, T18S, R31E
EDDY COUNTY, NM



State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

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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., Aztec, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 58040	Pool Name Undesignated Tamano Bone Springs
Property Code	Property Name MESQUITE 2 STATE	Well Number 8
OGRID No. 010179	Operator Name HARVEY E. YATES COMPANY	Elevation 3801'

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	2	18-S	31-E		1980	NORTH	660	EAST	EDDY

Bottom Hole Location If Different From Surface

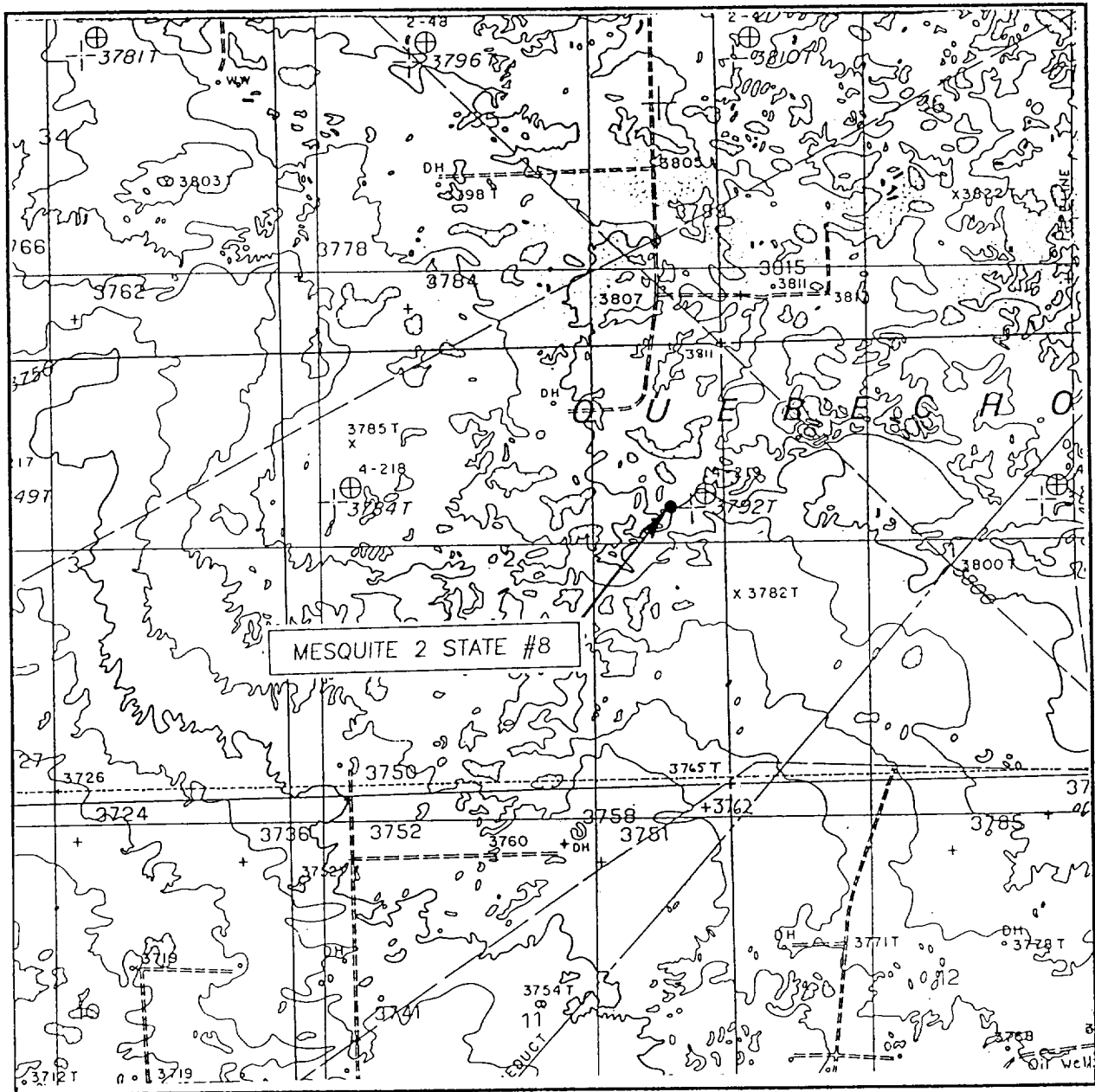
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40.14	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

LOT 4 40.16 AC	LOT 3 40.14 AC	LOT 2 40.14 AC	LOT 1 40.12 AC 1980' LG-8368 660'	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <u>Bob Williams</u> Signature <u>Bob Williams</u> Printed Name <u>Drilling Superintendent</u> Title <u>January 11, 2002</u> Date
SPC NME NAD 1927 Y = 647219.8 X = 693694.2 LAT. = 32°46'41.88"N LONG. = 103°49'59.77"W				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 07, 2002 Date Surveyed Signature & Seal of Professional Surveyor <u>Ronald J. Eidson 01/08/02</u> 82.11.0014 Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'
MALJAMAR, N.M.

SEC. 2 TWP. 18-S RGE. 31-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1980' FNL & 660' FEL

ELEVATION 3801'

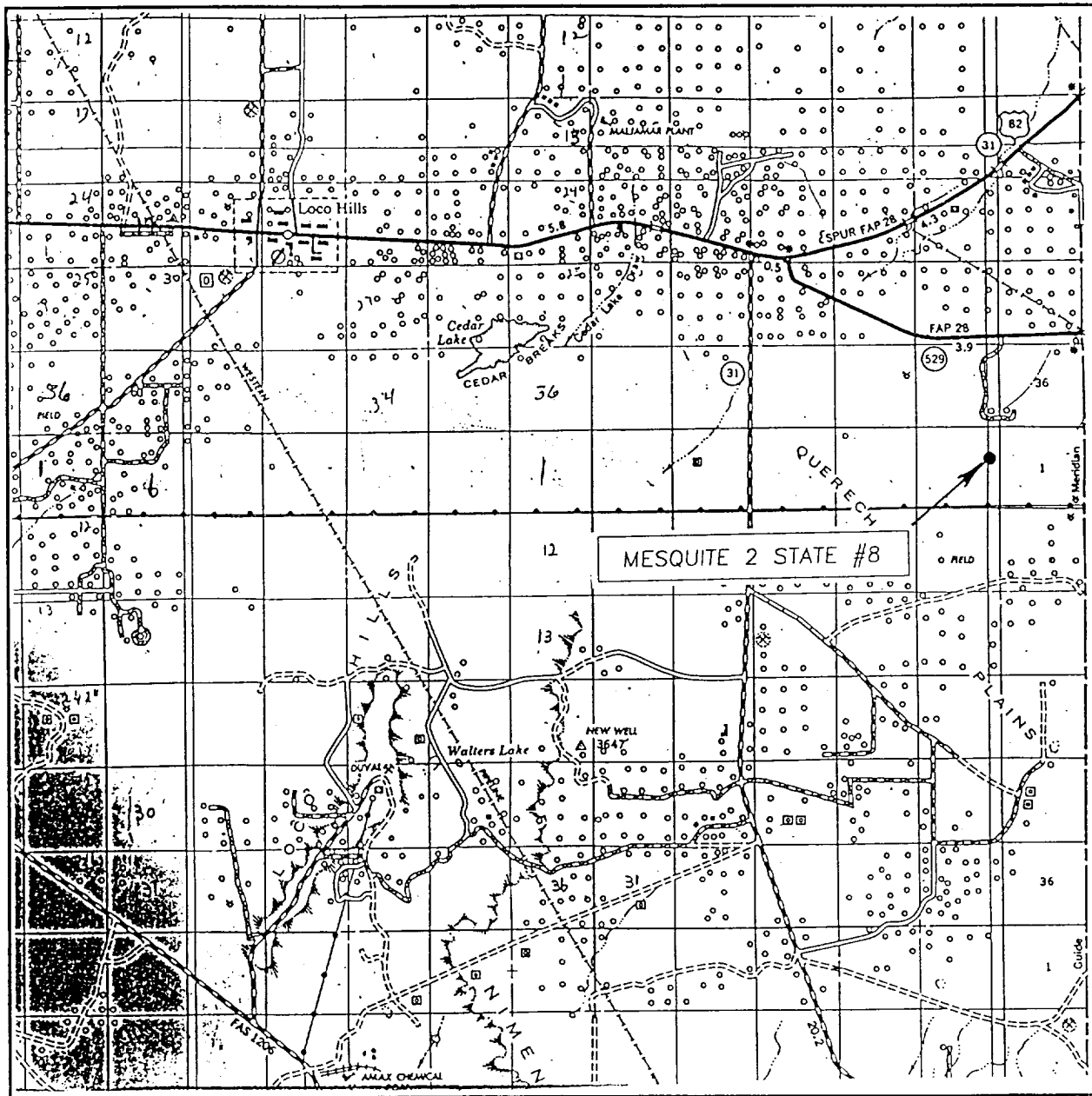
OPERATOR HARVEY E. YATES COMPANY

LEASE MESQUITE 2 STATE

U.S.G.S. TOPOGRAPHIC MAP
MALJAMAR, N.M.

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

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 2 TWP. 18-S RGE. 31-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1980' FNL & 660' FEL

ELEVATION 3801'

OPERATOR HARVEY E. YATES COMPANY

LEASE MESQUITE 2 STATE

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