

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 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

¹ Operator name and Address ARCO PERMIAN P.O. BOX 1610 <i>Midland TX 79702</i>		² OGRID Number 000990
³ API Number 30-025-354/3	⁴ Property Code 01509	
⁵ Property Name <i>W/V</i> MCDONALD WV STATE		⁶ Well No. 38

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
J	36	22S	36E		1650	SOUTH	1650	EAST	LEA

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 JALMAT GAS POOL (TANSILL-YATES-SEVEN RIVERS)					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3548
¹⁶ Multiple NO	¹⁷ Proposed Depth 3700	¹⁸ Formation YATES/SEVEN RIVERS	¹⁹ Contractor NA	²⁰ Spud Date 1/2/00

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11	8-5/8	24	450	300	SURE
7-5/8	5-1/2	14	3700	900	SURE

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

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Elizabeth A. Casebeer</i>	OIL CONSERVATION DIVISION	
Printed name: ELIZABETH A. CASEBEER	Approved by: _____	
Title: REG./COMP. ANALYST (2/9/01)	Title: _____	
	Approval Date: _____	Expiration Date: _____

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240

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

DISTRICT III
1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87506

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35413	Pool Code 79240	Pool Name JALMAT GAS POOL (TANZILL-YATES 7-R. WERS)
Property Code 01509	Property Name MCDONALD W N STATE	Well Number 38
OGRID No. 000990	Operator Name ARCO PERMIAN	Elevation 3419

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	36	22 S	36 E		1650	SOUTH	1650	EAST	LEA

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 640	Joint or Infill	Consolidation Code	Order No.						

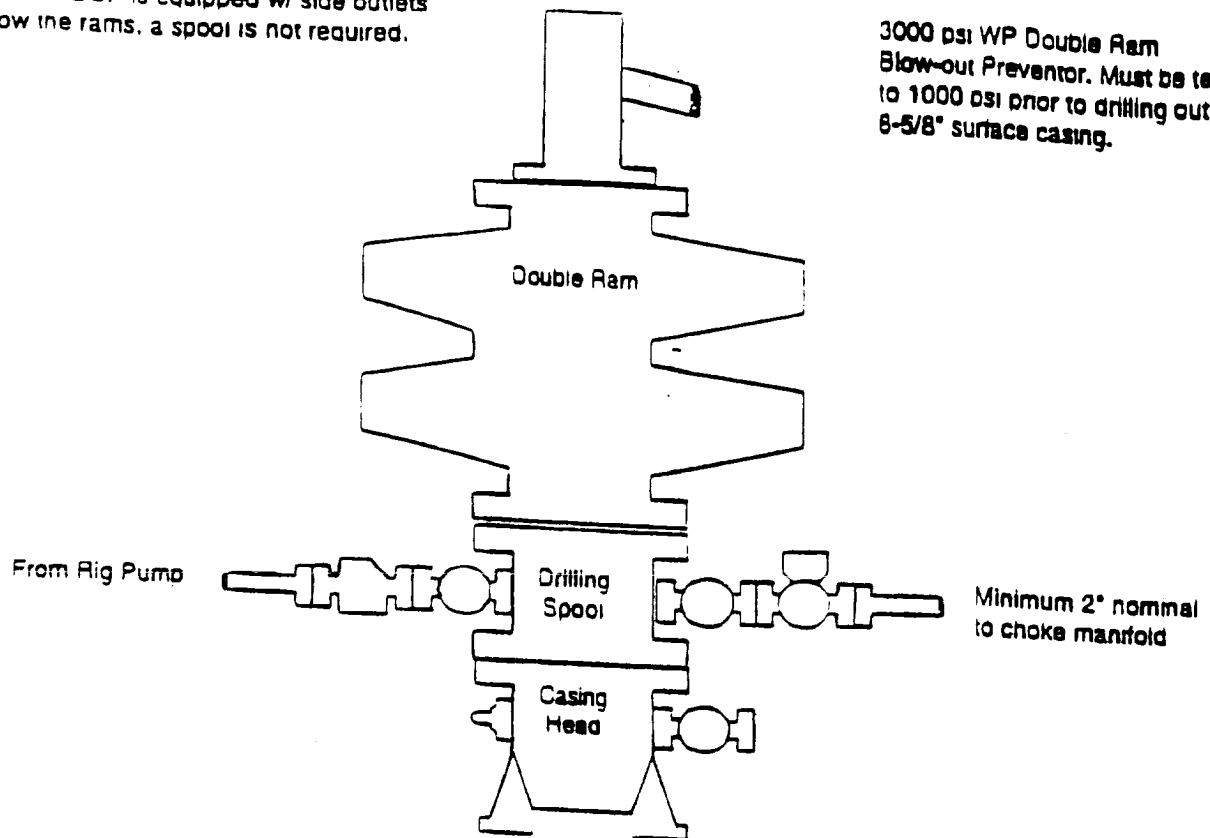
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Elizabeth A. Casbeer</i> Signature Elizabeth A. CASBEER Printed Name Reg/Compliance Analyst Title 2/9/01 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 30, 2001 Date Surveyed Signature & Seal of Professional Surveyor LVA W.O. Num. 2001-0103-S Certificate No. MACON McDONALD 12185	

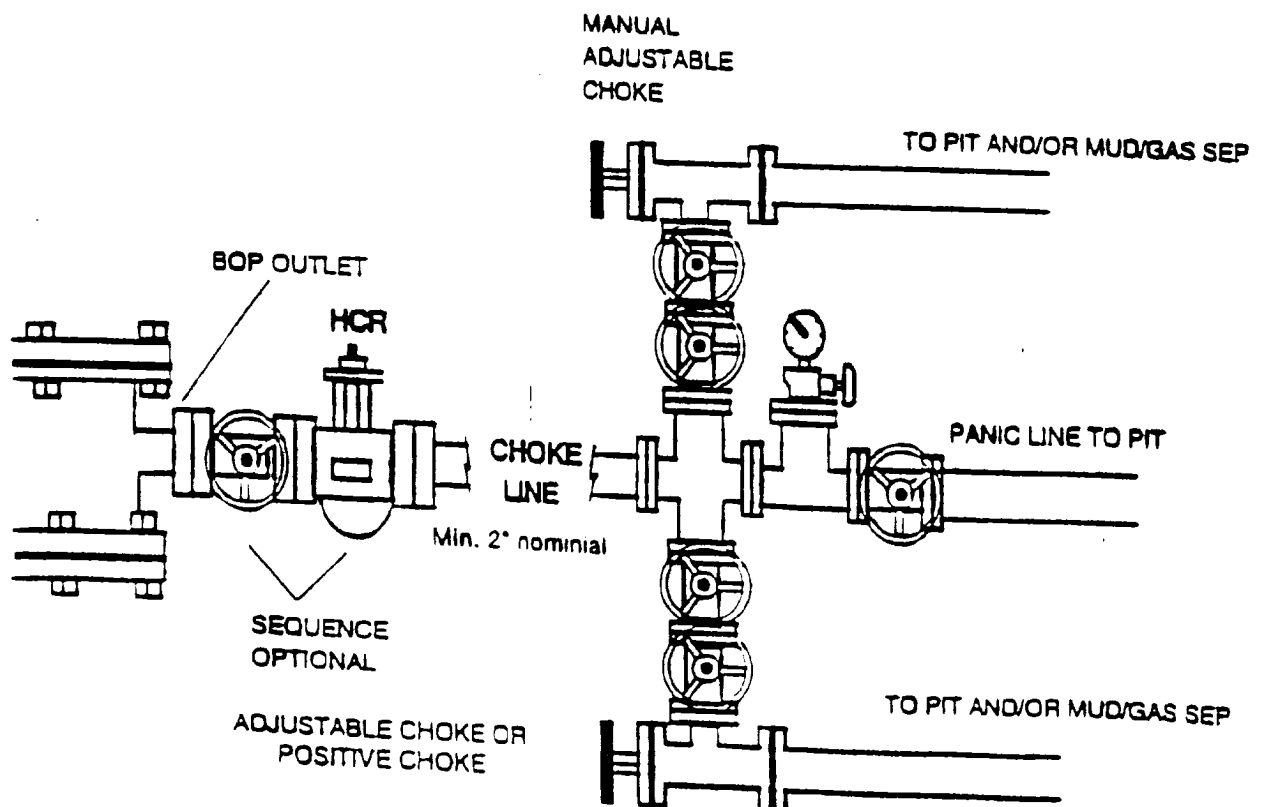
BOP Schematic

*Note: if BOP is equipped w/ side outlets below the rams, a spool is not required.

3000 psi WP Double Ram
Blow-out Preventor. Must be tested
to 1000 psi prior to drilling out
6-5/8" surface casing.



Choke Manifold Schematic



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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-		² Pool Code 79240		³ Pool Name Jalmit Tan Yates SRQ Gas	
⁴ Property Code 01509		⁵ Property Name McDonald WN State			⁶ Well Number
⁷ OGRID No. 000990		⁸ Operator Name ARCO Permian			⁹ Elevation 3418' (ES)

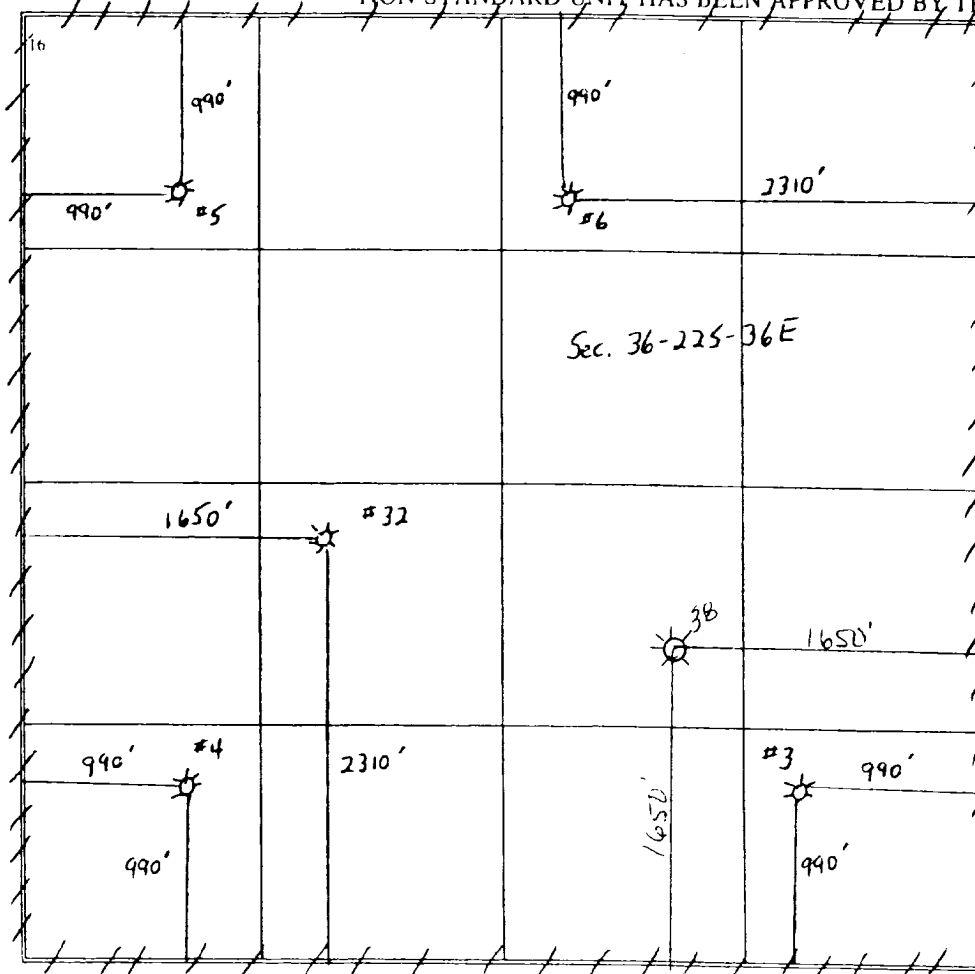
¹⁰ Surface Location

UL or lot no. P	Section 36	Township 22S	Range 36E	Lot Idn	Feet from the 990	North/South line South	Feet from the 990	East/West line East	County Lea
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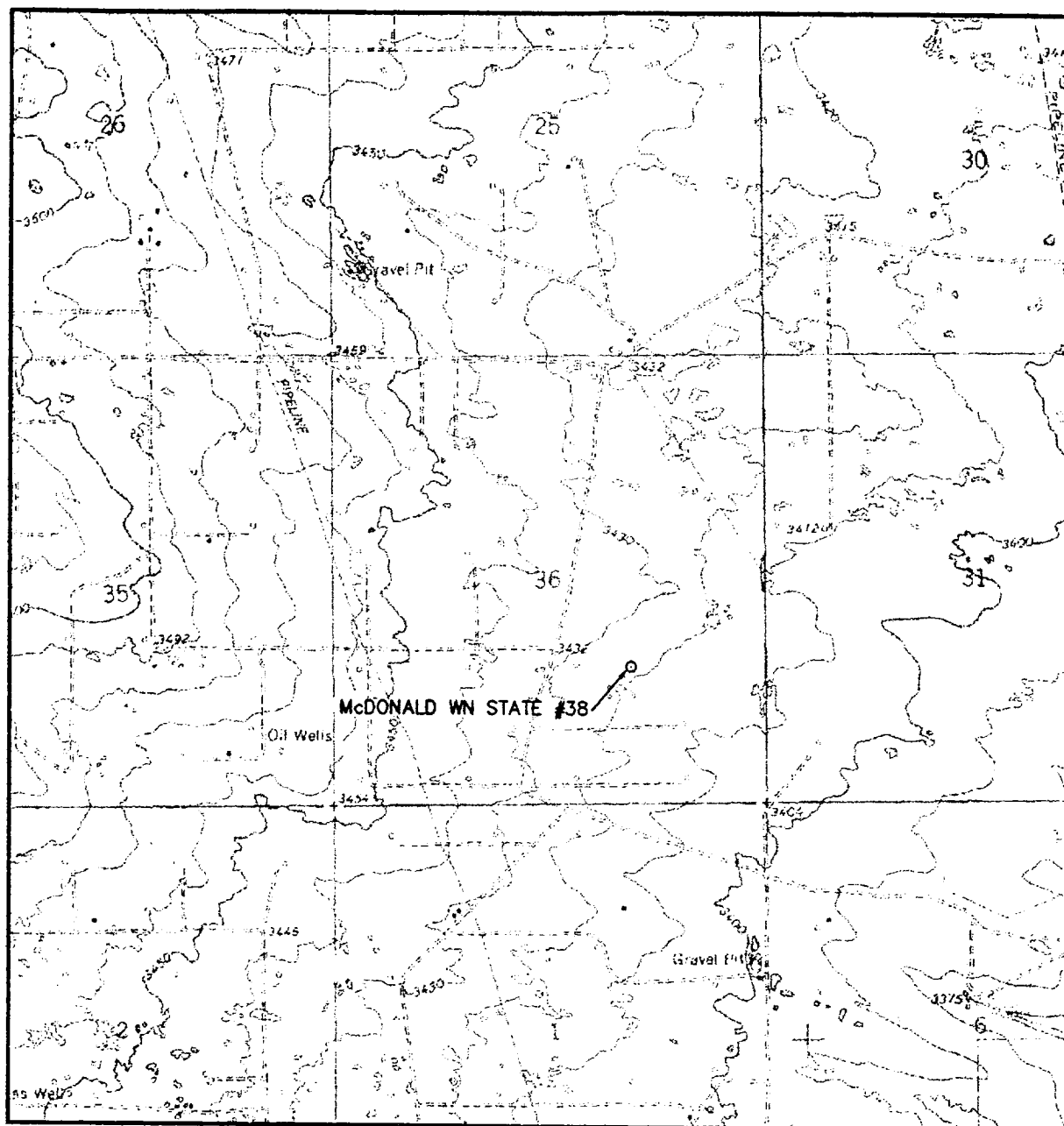
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 640		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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

						¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature <u>David K. Newell</u> <u>E.A. Casbeer</u> Printed Name <u>Senior Engineer</u> <u>Reg/Comp Analyst</u> Title <u>12-3-98</u> <u>2/9/01</u> Date	
¹⁸ 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 Date of Survey Signature and Seal of Professional Surveyer: Certificate Number							

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
RATTLESNAKE CANYON - 10'

SEC. 36 TWP. 22-S RGE. 36-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1650' FSL & 1650' FEL

ELEVATION 3419

OPERATOR ARCO PERMIAN

LEASE McDONALD WN STATE

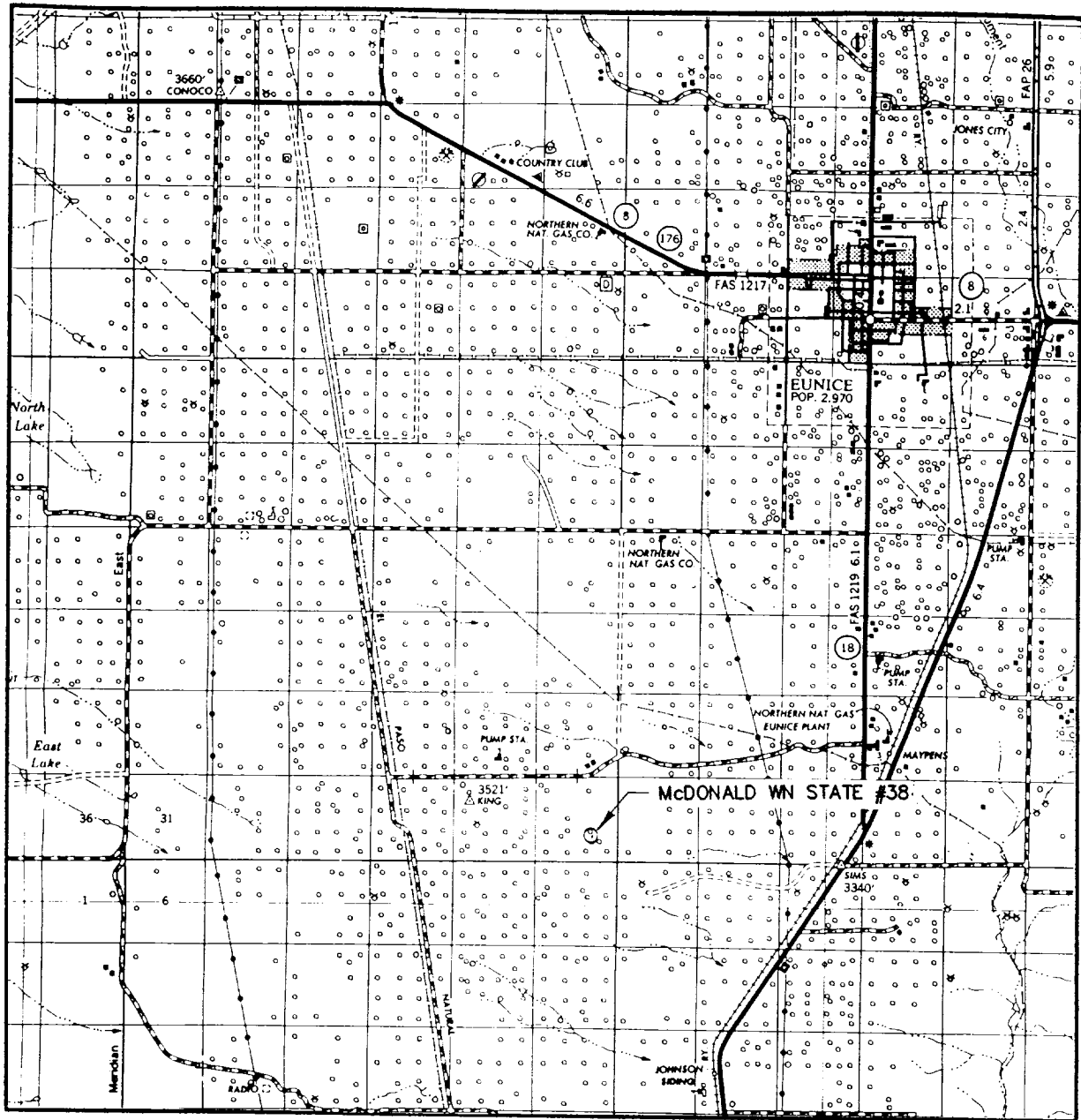
U.S.G.S. TOPOGRAPHIC MAP
RATTLESNAKE CANYON, N.M.

WEST
COMPANY
of Midland, Inc.

110 W. LOUISIANA, STE. 110
MIDLAND TEXAS, 79701
(915) 687-0865 - (915) 687-0868 FAX



VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 36 TWP. 22-S RGE. 36-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1650' FSL & 1650' FEL

ELEVATION 3419

OPERATOR ARCO PERMIAN

LEASE McDONALD WN STATE



**WEST
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