

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Submit in Triplicate\*  
(Other instructions on  
OIL CONSERVATION DIV.  
811 S. 1st ST.  
ARTESIA, NM 88210-2834

FORM APPROVED  
Budget Bureau No. 1004-1036  
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. Type of Work

DRILL ☒ DEEPEN ☐

b. Type of Well

☒ OR ☐ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone ☐

2. Name of Operator

Merit Energy Company 14591

3. Address and Telephone No.

3525 Andrews Highway Suite #1 #113 Midland Tx 79703 (915)520-4345

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At Surface: Unit letter E  
330' FWL and 1980' FNL - Eddy County, NM

At proposed prod. zone:  
Same as above

14. Distance in miles and direction from nearest Town or Post Office\*

4 miles west of Carlsbad, NM

15. Distance from proposed\* location to nearest property or lease line, Ft. (Also to nearest drlg unit line, if any)

330' FWL

16. No. of acres in lease

320

17. No. of acres assigned to this well

40(forty)

18. Distance from proposed location\* to nearest well drilling, completed, or applied for, on this lease, ft

990'

19. Proposed Depth

5100'

20. Rotary or Cable Tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc)

3269 GR

22. Approx date work will start\*

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

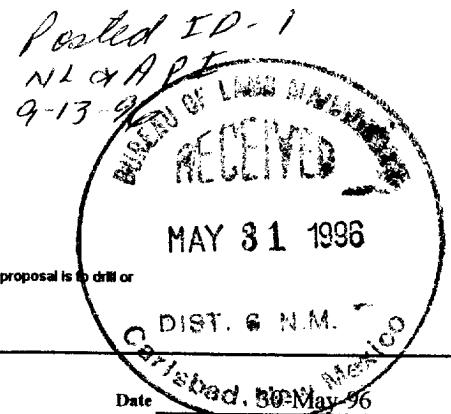
Size of Hole	Grade, Size of Casing	Weight Per Foot	Setting Depth	Quantity of Cement
17 1/2"	(13 5/8") 13 3/8"	54.50	650	570sx Class C (Circ)
12 1/4"	12 1/4" 8 5/8"	24	1750	343sx Class C (Circ)
7 7/8"	5 1/2"	15.5	5100	556sx Class H (tie back)

Merit Energy Company proposes to drill and test the Delaware & intermediate formations. Approx. 650' surface casing will be set & cemented to surface.

Mud Program FW to 5100',

BOPE Program: BOPE will be installed at the offset and tested daily for operational condition.

Approval Subject to  
General Requirements and  
Regulations



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

*Richard L. Manus*

Title West District, Operations Supt

Date

May 30, 1996

(This space for Federal or State office use)

Permit No.

Approval Date

Application approval does not warrant or certify that the applicant hold legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any:

Approved by (ORIG. SGD.) RICHARD L. MANUS

Title

Area Manager

Date AUG 27 1996

\*See Instruction of Reverse Side

Title 18 U.S.C., Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I  
P.O. Box 1880, Hobbs, NM 88241-1980

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

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

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 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 30-015-29130	Pool Code 29665	Pool Name Happy Valley Delaware
Property Code	Property Name FEDERAL "L"	Well Number 2
OGRID No.	Operator Name MERIT ENERGY COMPANY	Elevation 3269

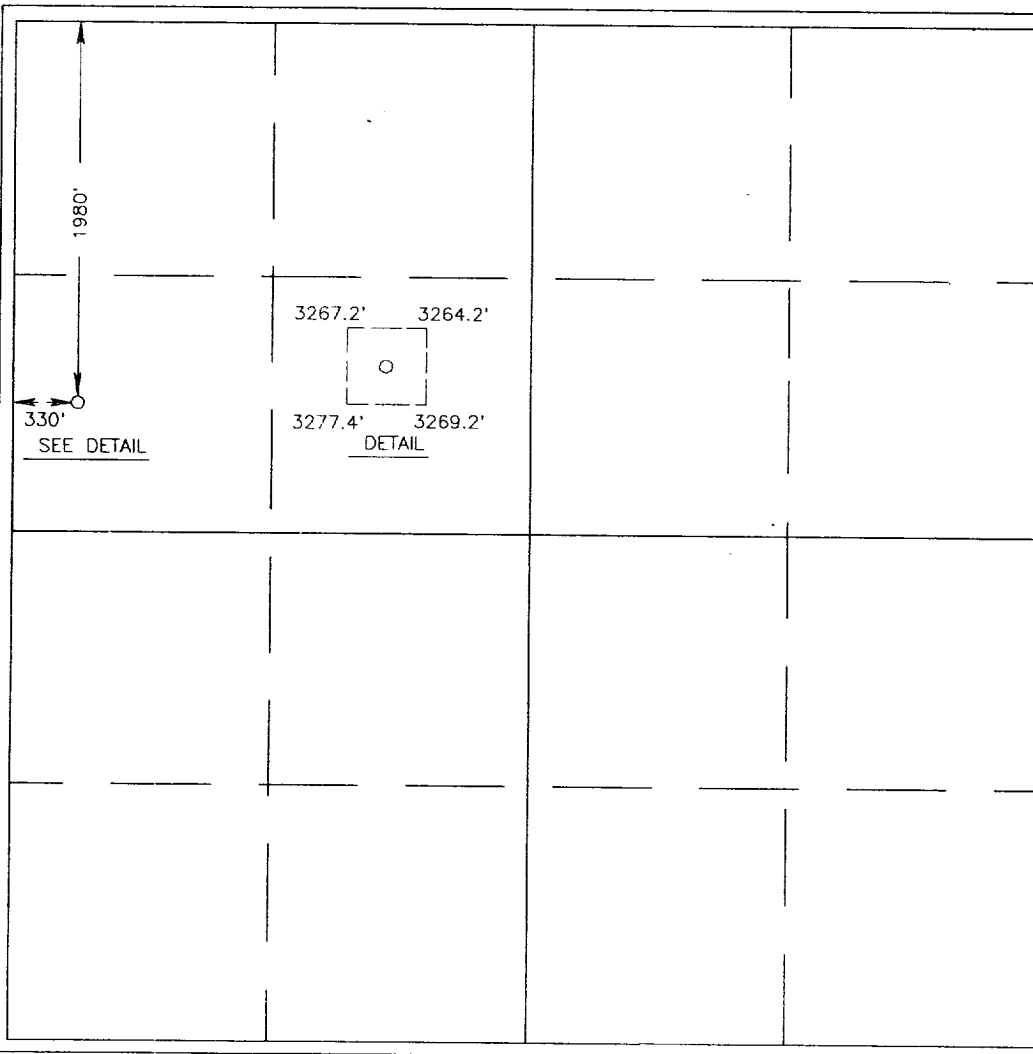
Surface Location

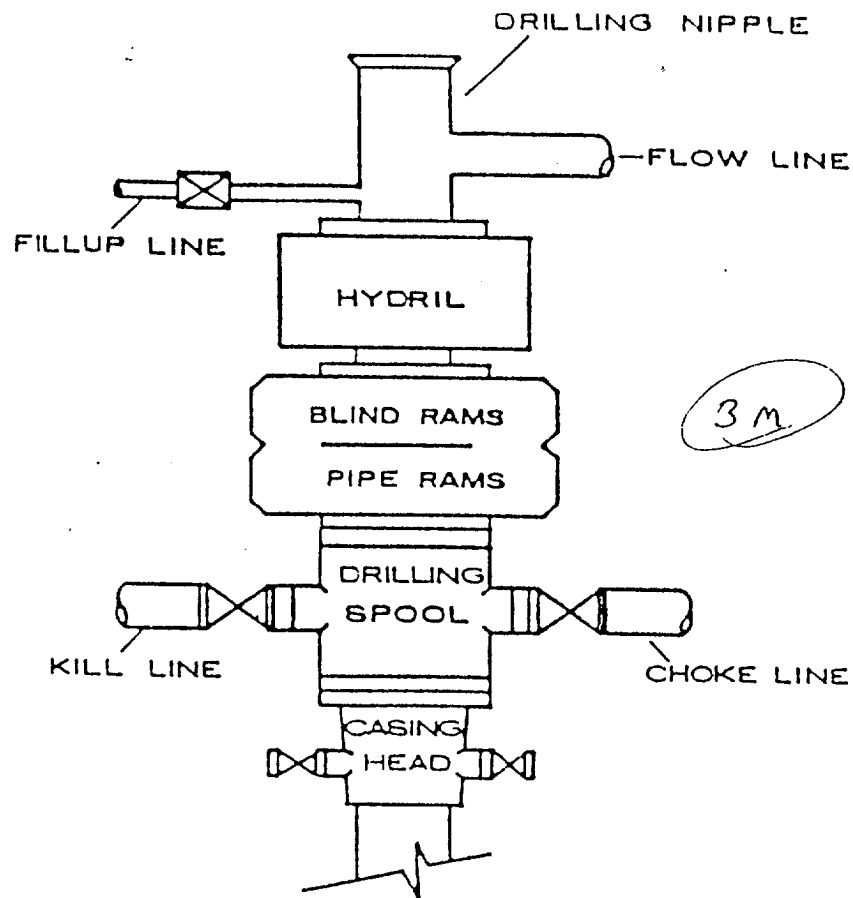
UL or lot No. E	Section 34	Township 22 S	Range 26 E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 330	East/West line WEST	County EDDY
--------------------	---------------	------------------	---------------	---------	-----------------------	---------------------------	----------------------	------------------------	----------------

Bottom Hole Location If Different From Surface

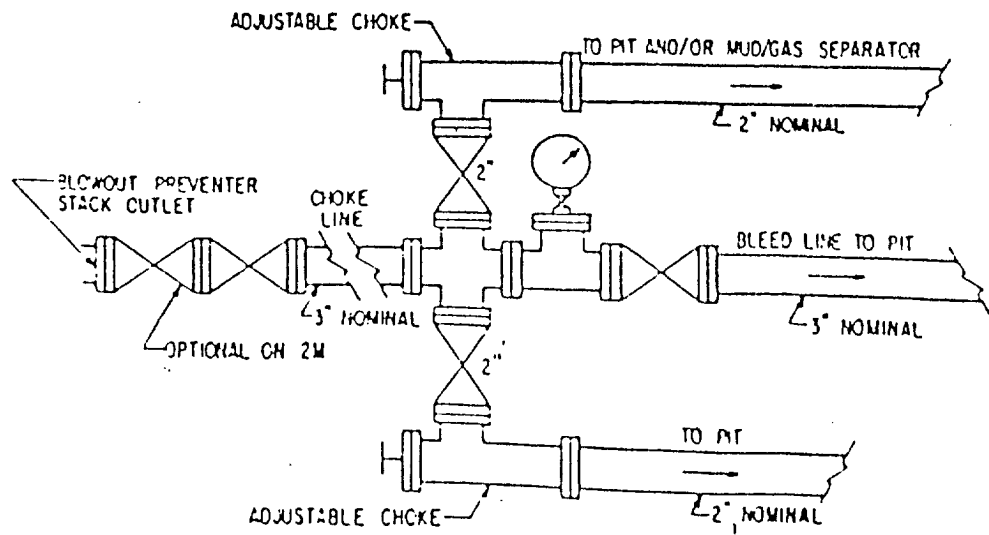
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

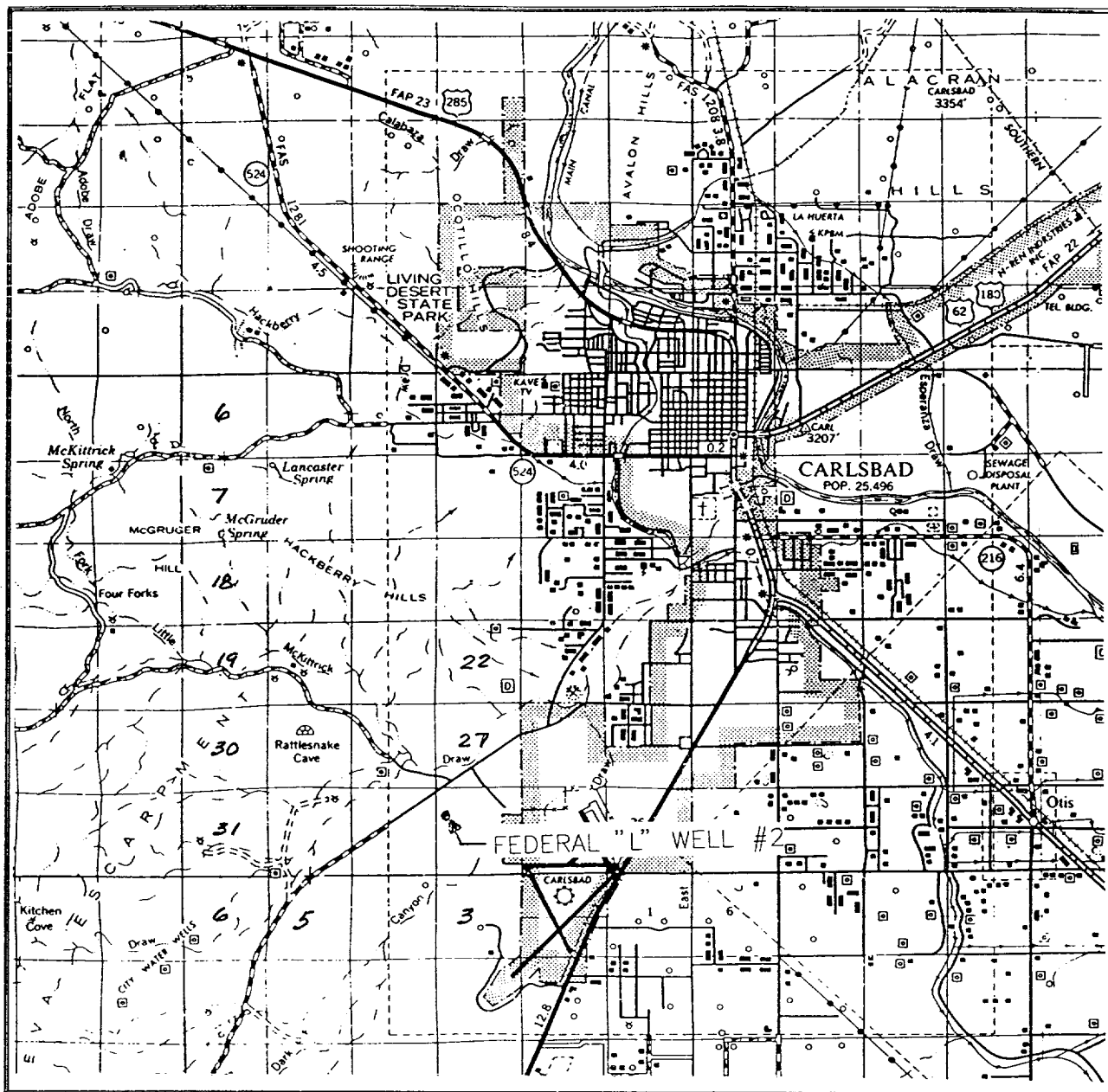
	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Russell Whitel</i> Signature Russell Whitel Printed Name Operations Supt. Title 5-30-96 Date</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I 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.</p> <p>APRIL 3, 1996</p> <p>Date Surveyed Signature and Seal of Professional Surveyor DMCC 4-03-96 W.O. Num. 96-123413 Certificate No. JOHN W. WEST 676 RONALD J. EIDSON 3239 CARLOS EIDSON 12641</p>
--	--

BOP STACK

B-1



# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 34 TWP. 22-S RGE. 26-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1980' FNL & 330' FWL

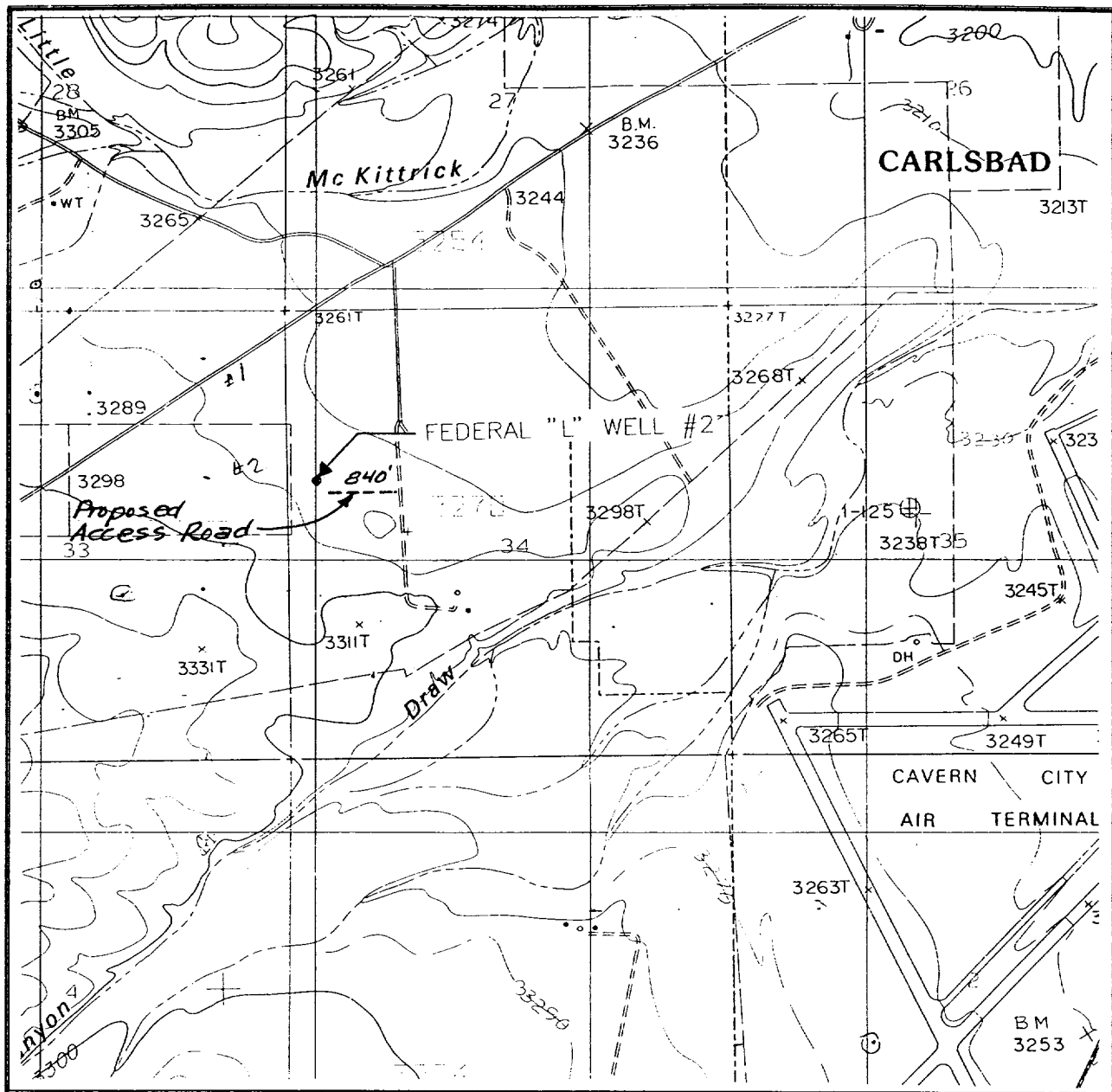
ELEVATION 3269

OPERATOR MERIT ENERGY COMPANY

LEASE FEDERAL "L"

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

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
KITCHEN COVE- 20'

SEC. 34 TWP. 22-S RGE. 26-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1980' FNL & 330' FWL

ELEVATION 3269

OPERATOR MERIT ENERGY COMPANY

LEASE FEDERAL "L"

U.S.G.S. TOPOGRAPHIC MAP

KITCHEN COVE, N.M.

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