

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
Other Instru on
reverse si

30-015-26221
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

RECEIVED

OCT 25 '89

O. C. D.
ARTESIA, OFFICE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Harvey E. Yates Company

3. ADDRESS OF OPERATOR

P.O. Box 1933, Roswell, New Mexico 88202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

990' FEL & 1980' FSL

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 miles SE of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

990'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

330'

19. PROPOSED DEPTH

8800

20. ROTARY OR CABLE TOOLS

Rotary

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

3726.8 GL

22. APPROX. DATE WORK WILL START*

ASAP

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	54.5	350	Circ to surface
12 1/4	8 5/8	24 & 32	2300	Circ to surface
7 7/8	5 1/2	17	8800	600' above pay

MUD PROGRAM:

0 - 350 FW w/paper
350 - 2300 Brine water
2300 - 8800 FW Mud

APPROVAL SUBJECT TO
FEDERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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

NM Young

NM Young

TITLE

Drilling Superintendent

DATE

10/5/89

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Barbara P. Penta

TITLE

AREA MGR.
DARLSBAD RESOURCE APL

DATE

10-24-89

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On 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.

OCT 6 11 19 AM '89
RECEIVED
POSTED
APR 10-27-89

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

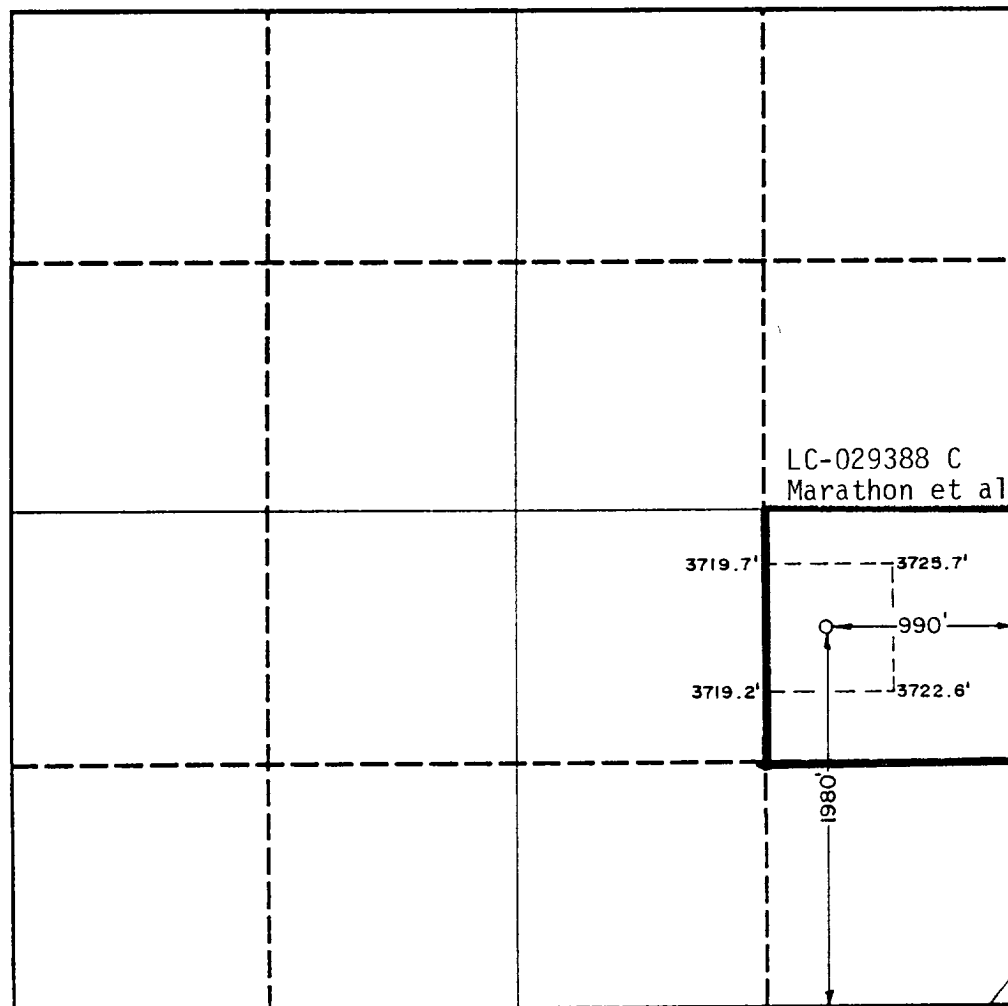
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Harvey E. Yates Company			Lease Wainoco 10 Federal		Well No. 1
Unit Letter I	Section 10	Township 18 South	Range 31 East	County NMPM	Eddy
Actual Footage Location of Well: 1980 feet from the South line and 990 feet from the East line					
Ground level Elev. 3726.8	Producing Formation Bone Springs	Pool Wildcat	Dedicated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, 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

Printed Name

NM Young

Position

Drilling Superintendent

Company

Harvey E. Yates Co.

Date

10/5/89

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 knowledge and belief.

Date Surveyed

August 8, 1989

Signature & Seal of
Professional Surveyor

Certified by
JOHN W. WEST
RONALD J. EDSON
MEXICO
JOHN W. WEST

Application

HARVEY E. YATES COMPANY
Wainoco 10 Federal #1
Sec. 10, T18S, R31E
Eddy County, New Mexico

In conjunction with Form 3160-3, Application for Permit to Drill the Subject well in Section 10, Township 18 South, Range 31 East, Eddy County, New Mexico, Harvey E. Yates Company submits the following ten items of pertinent information in accordance with Bureau of Land Management requirements:

1. The geologic surface formation is quaternary alluvium and bolson deposits and other surficial deposits.
2. The estimated tops of geologic markers are as follow:

Rustler	730'	Grayburg	3850'
Yates	2200'	San Andres	4210'
Seven Rivers	2620'	Delaware Sd	4800'
Bowers	3070'	Bone Springs	5850'
Queen	3330'	TD	8800'
Penrose	3560'		

3. We do not anticipate finding water but have listed the formation in which we anticipate finding oil or gas.

Bone Spring 5850'

4. Proposed casing program: See Form 3160-3. HEYCO will be running some used casing when applicable.
5. Pressure control equipment: See Exhibit C. Although the rig equipment is 3M rated, this well will be a 2M PSI rating.
6. Mud program: See Form 3160-3.
7. Auxiliary equipment: Blowout preventer
8. Testing, logging and coring programs: One DST is planned in the Bone Springs. No coring is anticipated. Planned logs are DLL-Micro w/GR & Caliper and CN-DEN w/GR & Caliper
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible.

SURFACE USE PLAN

HARVEY E. YATES COMPANY
Wainoco 10 Federal #1
Sec. 10, T18S, R31E
Eddy County, New Mexico

1. EXISTING ROADS:

Exhibit A is a portion of a New Mexico Map showing the location of the proposed well. The location is approximately 35 miles east of Artesia, New Mexico or about 12 miles southeast of Loco Hills, New Mexico. Leave Artesia on U.S. Highway 82 and travel east to the junction of County Road 222. Turn south and travel 3.0 miles. Turn left and go east for 1.1 miles. Turn left and go north .25 miles. Turn right and go east 1.4 miles. Turn right and go south 1/4 of a mile. Turn right and go west 1/2 of a mile. Turn left and go south 3/4 of a mile. Turn right and go west 3/4 of a mile. Turn right and go north 1/4 of a mile. Turn right and go 1/4 of a mile to location.

2. PLANNED ACCESS ROADS:

There is an existing road to this location already.

3. LOCATION OF EXISTING WELLS:

Exhibit B is a plat showing existing wells and their locations.

4. LOCATIONS OF TANK BATTERIES, ETC.:

In the event we drill a producing well, all production equipment will be located at Unit I, Sec. 10, T18S, R31E.

5. LOCATION AND TYPE OF WATER SUPPLY:

Water will be from commercial sources, either hauled or pipelined.

6. SOURCE OF CONSTRUCTION MATERIAL:

We will use caliche from the reserve pit area to build the road and location.

7. METHODS OF HANDLING WASTE DISPOSAL:

Waste will be buried in reserve pits at a depth of 36". The wellsite will be cleaned of all waste and this will be done within 30 days after completion of the well.

8. ANCILLARY FACILITIES:

None required.

9. WELLSITE LAYOUT:

- A. Exhibit D shows the relative location and dimensions of the well pad, reserve pits and major rig components.
- B. The land is relatively flat with sandy soil and sand dunes.
- C. The pad and pit area have been staked.

10. PLANS FOR RESTORATION OF THE SURFACE:

- A. After finishing drilling and/or other completion operations, all equipment and other materials not needed for further operations will be removed. Pits will be filled and the location cleaned of all trash and junk to leave the wellsite as pleasant in appearance as possible.
- B. If the proposed well is non-productive, all restoration and/or vegetation requirements of the Bureau of Land Management will be complied with and will be accomplished as quickly as possible. All pits will be filled and levelled within 90 days after abandonment.

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11. OTHER INFORMATION:

- A. The surface and minerals are Federal land.
- B. The topography consists of sandy soil with native grasses, catclaw, etc. No wildlife was observed, but the usual inhabitants of this region are jackrabbits, reptiles, coyotes, etc.
- C. There are no ponds, lakes, streams or rivers in this area.
- D. An Archaeological Survey has been made and copy has been sent to your Carlsbad office. There is no evidence of any significant archaeological, historical or cultural sites in the area. Also, there are no occupied dwellings or windmills.

12. OPERATOR'S REPRESENTATIVES:

The field representatives responsible for assuring compliance with the approved surface use and operations plan are:

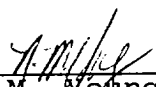
Micky Young
Harvey E. Yates Company
P. O. Box 1933
Roswell, New Mexico 88201
Office: 505/623-6601
Mobil: 505/624-1818 #840

Curtis Tolle
Harvey E. Yates Company
P. O. Box 1933
Roswell, New Mexico 88201
Office: 505/748-2435
Mobil: 505/624-1818 #837

13. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Harvey E. Yates Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

October 5, 1989



N.M. Young
Drilling Superintendent

Harvey E. Yates Co.
Wainoco 10 Federal #1
1980' FSL & 990' FEL
Sec. 10 T-18S R-31E
EDDY Co., New Mexico

Sec 10
Hudson

A Shugart

HEYCO
Walnoco

5 1 1

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Johnson Feed

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EXHIBIT C

Harvey E. Yates Co.
Wainoco 10 Federal #1
1980' FSL & 990' FEL
Sec. 10 T-18S R-31E
Eddy Co., New Mexico

900 Series

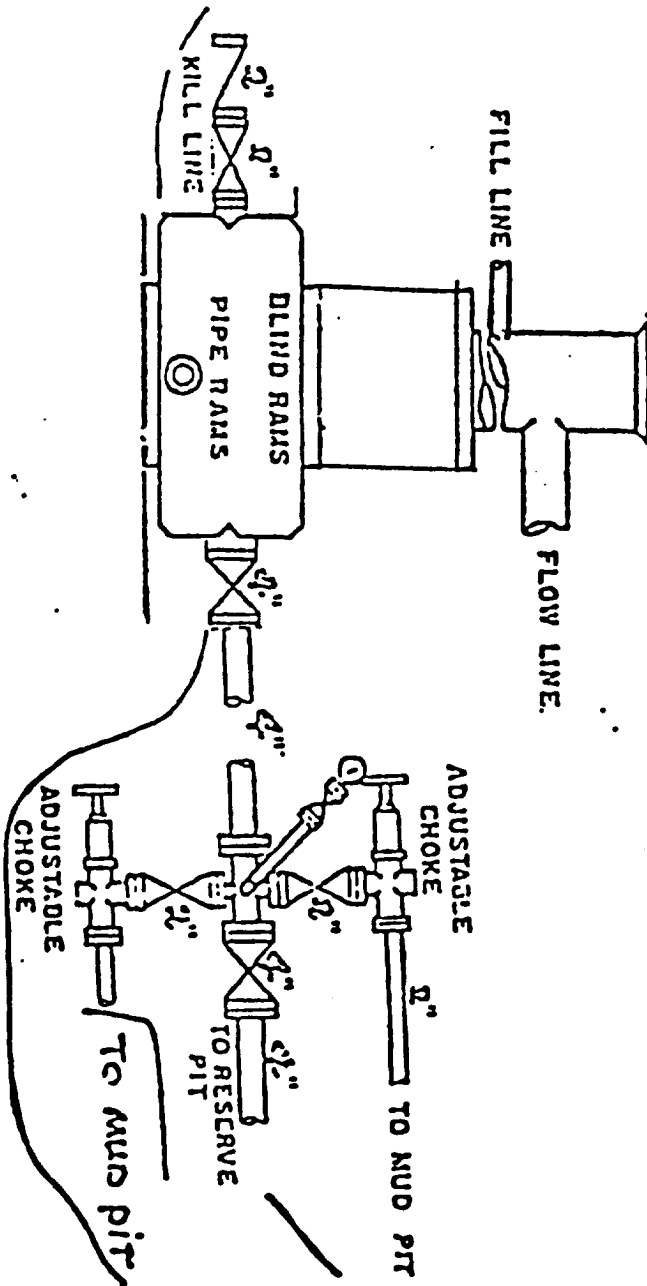
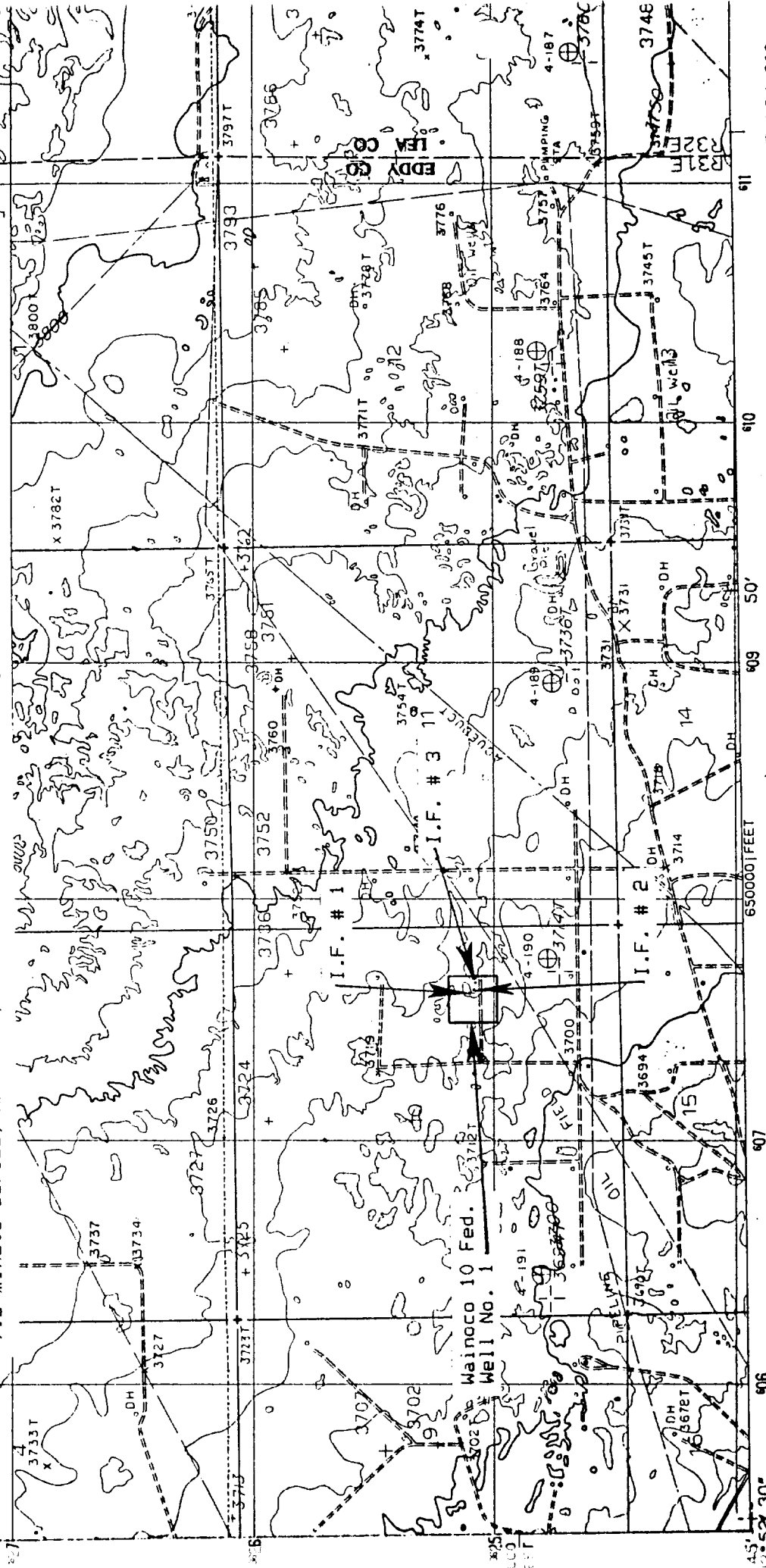


EXHIBIT A

Harvey E. Yates Co.
Wainoco 10 Federal #1
1980' FSL & 99' FEL
Sec. 10 T-18S R-31E
Eddy Co., New Mexico

Map showing the location of the Harvey E. Yates Company Wainoco 10 Federal Well No. 1. T18S, R31E, Section 10, Eddy County, New Mexico [BLM, Roswell District, Carlsbad Resource Area, New Mexico]. Square shows location of well pad; dots show locations of Isolated Finds. U.S.G.S. 7.5 minute series, MALJAMAR, NEW MEXICO, 1985. ASC Project 89-133.



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1978
FIELD CHECKED 1979 MAP EDITED 1985
PROJECTION TRANSVERSE MERCATOR
GRID 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 13
1000-FOOT STATE GRID TICS NEW MEXICO, EAST ZONE
UTM GRID DECLINATION 0° 39' EAST

NORTH

SCALE 1:24 000

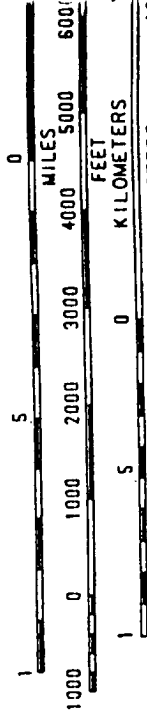


EXHIBIT D

Harvey E. Yates Co.
Wainoco 10 Federal #1
990' FEL & 1980' FSL
Sec. 10 T-18S R-31E
Eddy Co., New Mexico

