

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

1780' FNL & 760' FEL
1780' 860'

At proposed prod. zone

same

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

12 miles Southeast of Loco Hills, N.M.

16. DISTANCE FROM PROPOSED*

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

760'

18. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

19. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1220

20. PROPOSED DEPTH

9000

21. ROTARY OR CABLE TOOLS

rotary

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

3761.2 GL 3766

23. APPROX. DATE WORK WILL START*

ASAP

24.

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	32	2400	Circ to surface
7 7/8	5 1/2	17	9000	600' above pay

MUD PROGRAM:

0 - 350 FW w/paper
350 - 2400 Brine water
2400 - 9000 FW mud

APPROVAL SUBJECT TO
GENERAL 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 8/16/90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

AREA MANAGER

CARLSBAD RESOURCE AREA

APPROVED BY

TITLE

DATE 9-26-90

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.

Part ID-1
9-28-90
New Mexico & API
RECEIVED
AUG 17 11 55 AM '90

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

SEP 18 1990

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

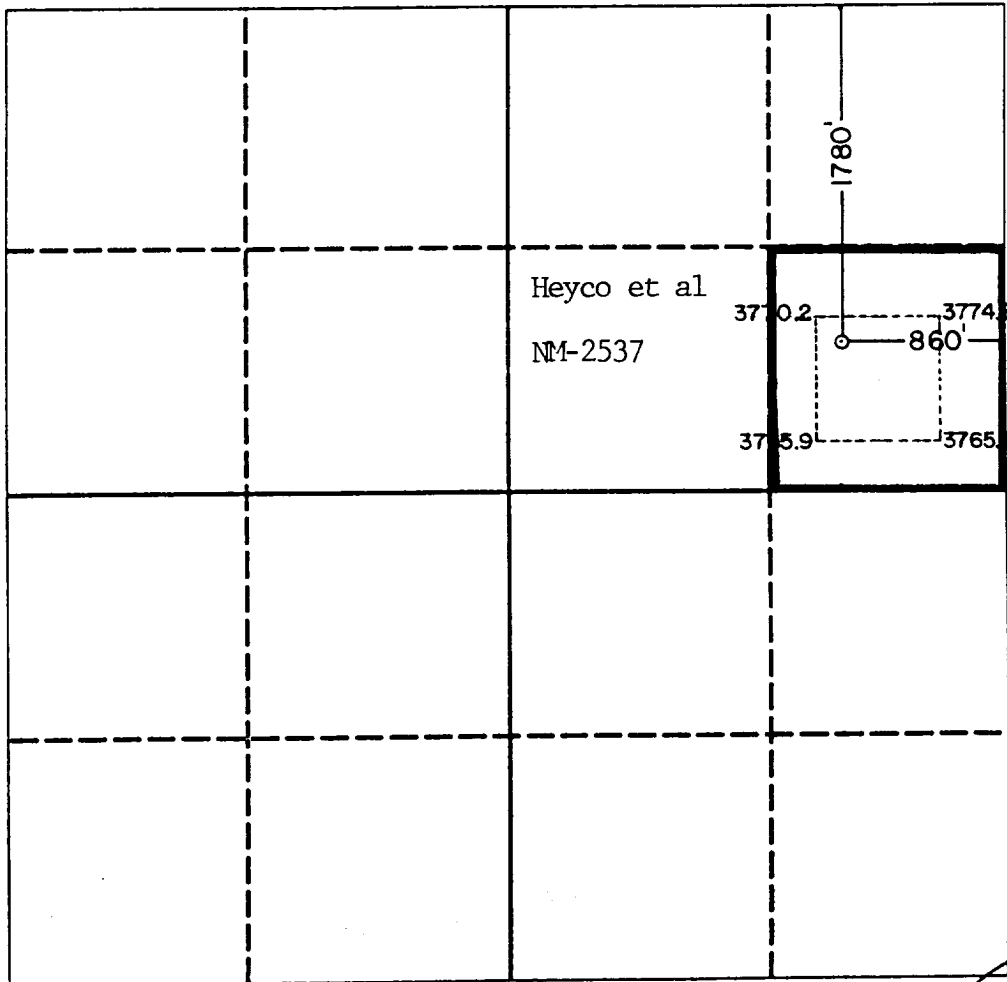
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator HARVEY E. YATES CO.			Lease East Taylor 12 Federal		Well No. 1
Unit Letter H	Section 12	Township 18 South	Range 31 East	County Eddy	
Actual Footage Location of Well: 1780 feet from the North line and 860 feet from the East line					
Ground level Elev. 3766.0	Producing Formation Bone Spring		Pool Tamano	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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
A.M. Young
Printed Name
N.M. Young
Position
Drilling Superintendent
Company
Harvey E. Yates Co.
Date
September 19, 1990

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
September 15, 1990

Signature & Seal of Professional Surveyor
JOHN W. WEST, 676
RONALD L. ELLISON, 3239
NEW MEXICO
JOHN W. WEST

Application
HARVEY E. YATES COMPANY
East Taylor 12 Federal #1
Sec. 12, T18S, R31E
Eddy County, New Mexico

In conjunction with Form 3160-3, Application for Permit to Drill the Subject well in Section 12, 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	907'	Penrose	3765'
Yates	2325'	Grayburg	4080'
7 Rivers	2800'	San Andres	4550'
Bowers	3265'	Bone Springs	5975'
Queen	3530'	TD	9000'
3. We do not anticipate finding water but have listed the formation in which we anticipate finding oil or gas.

Bone Springs 5975'
4. Proposed casing program: See Form 3160-3. HEYCO will be using 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 possible DST 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
East Taylor 12 Federal #1
Sec. 12, 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 location. The location is approximately 35 miles east of Artesia, New Mexico or about 12 miles southeast of Loco Hills, N.M. Leave Artesia on US highway 82 and travel east to the junction of County Road 222. Turn south and travel 3 miles. Turn left and go east for 1.1 miles. Turn left and go north 1/4 mile. Turn right and go east for 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 1 mile. Turn left and go east 2 miles. Turn left and go north 1/2 of a mile to the new location.

2. PLANNED ACCESS ROADS:

We plan to use the existing roads as far as possible. We propose to build approximately 1000' of new road to reach the proposed location. The running surface will be 14' wide, with 6" compacted caliche

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, we will build new facilities on this location.

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 nonproductive, 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.

11. OTHER INFORMATION:

- A. The surface and minerals are Federal land.

- B. The topography consists of sandy soil with native grasses, catcall, 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:

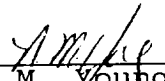
Micky Young
Harvey E. Yates Company
P. O. Box 1933
Roswell, New Mexico 88201
Office: 505/623-6601
Mobil: 505/624-1818 #840

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.

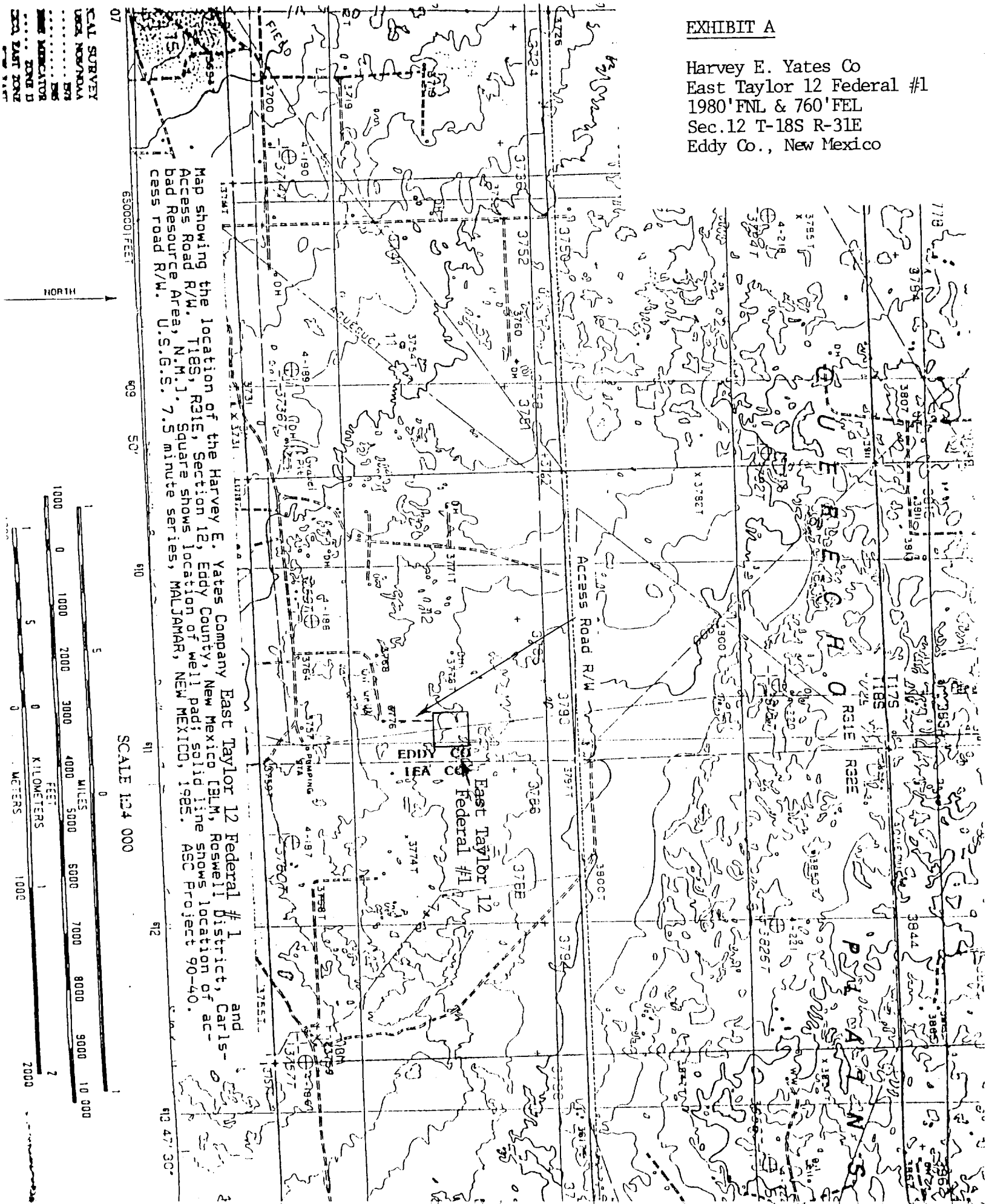
August 16, 1990



N.M. Young
Drilling Superintendent

EXHIBIT A

Harvey E. Yates Co
East Taylor 12 Federal #1
1980' FNL & 760' FEL
Sec. 12 T-18S R-31E
Eddy Co., New Mexico



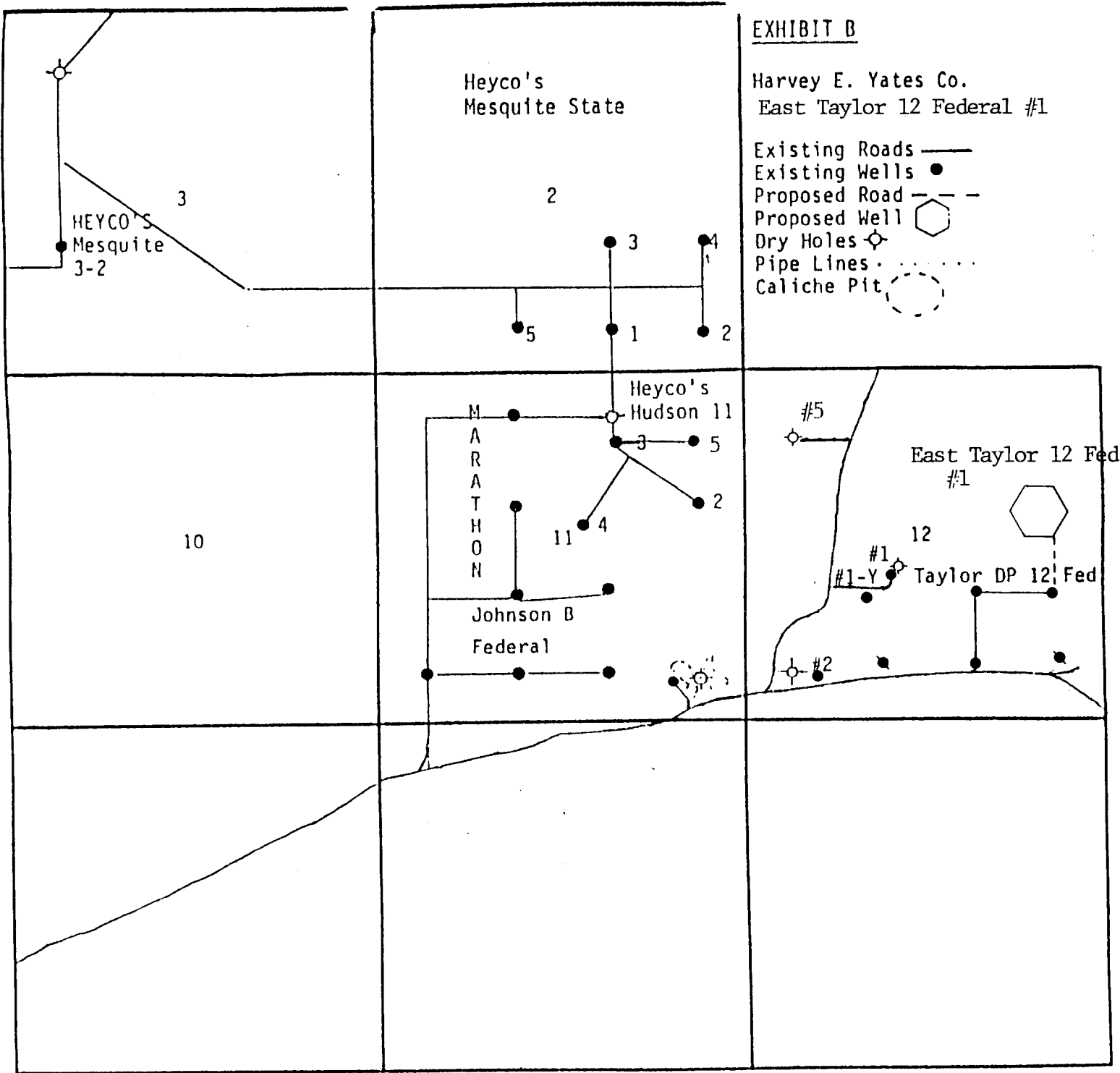


EXHIBIT B

Harvey E. Yates Co.
East Taylor 12 Federal #1

Existing Roads —
Existing Wells ●
Proposed Road - - -
Proposed Well ○
Dry Holes ⊕
Pipe Lines ·····
Caliche Pit ○

SECTION 11 & 12 TOWNSHIP 18 S RANGE 31 E

COUNTY Eddy STATE New Mexico

EXHIBIT C

Harvey E. Yates Co.
East Taylor 12 Federal #1
1980' FNL & 760' FEL
Sec. 12 T-18S R-31E
Eddy Co., New Mexico

900 Series

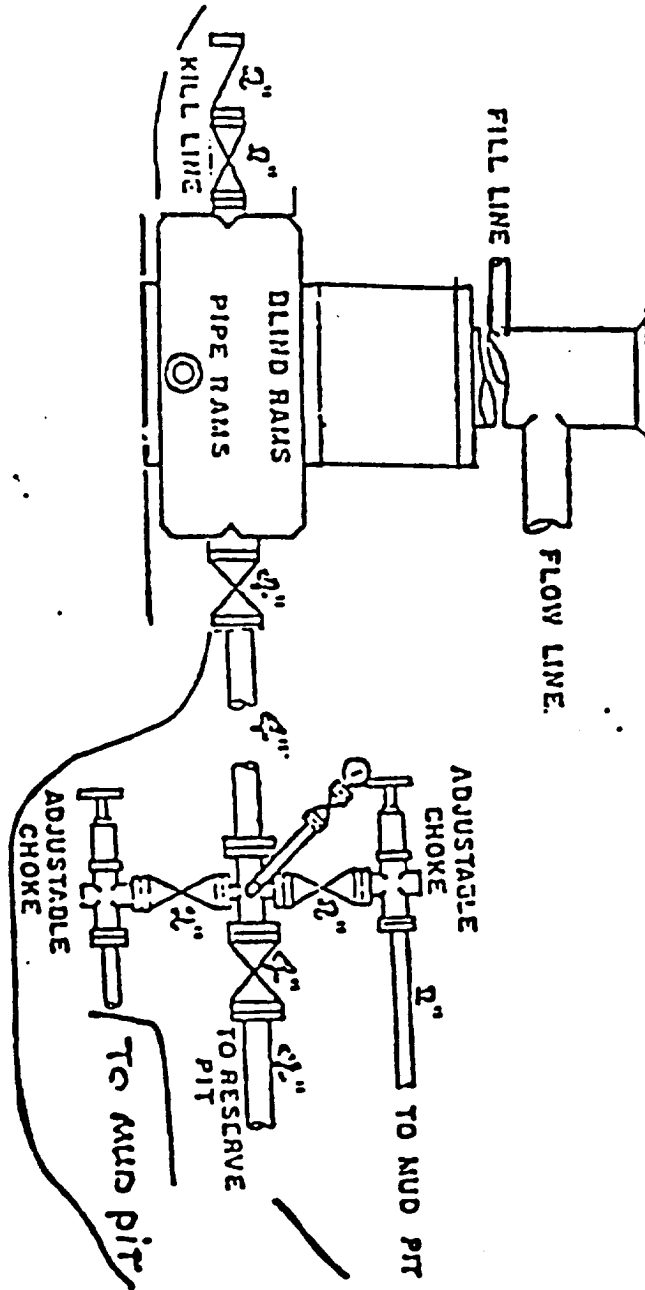


EXHIBIT D

Harvey E. Yates Co.
East Taylor 12 Federal #1
1980'FNL & 760'FEL
Sec.12 T-18S R-31E
Eddy Co., New Mexico

