

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

1980' FN & EL

At proposed prod. zone 1880' / N x 1980' / E
same

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

9 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)

660

16. NO. OF ACRES IN LEASE

320

18. DISTANCE FROM PROPOSED LOCATION*

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

1320

19. PROPOSED DEPTH

8600

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3696.0 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	2050	Circ to surface
7 7/8	5 1/2	17	8600	600' above pay

MUD PROGRAM:

0 - 350 FW w/paper
350 - 2050 Brine water
2050 - 8600 FW mud

RIGHT TO
REQUIREMENTS AND
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

N.M. Young

NM Young

TITLE Drilling Superintendent

DATE 10/5/89

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

10-23-89

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.

5. LEASE DESIGNATION AND SERIAL NO.

NM-33437

RECEIVED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

OCT 24 '89

8. FARM OR LEASE NAME

PMS 8 Federal

O. C. D.

ARTESIA OFFICE

9. WELL NO.

#4

10. FIELD AND POOL, OR WILDCAT

North Shugart-Bone Springs

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 8, T18S, R31E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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

RECEIVED

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

OCT 18 11 10 AM '89

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

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

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

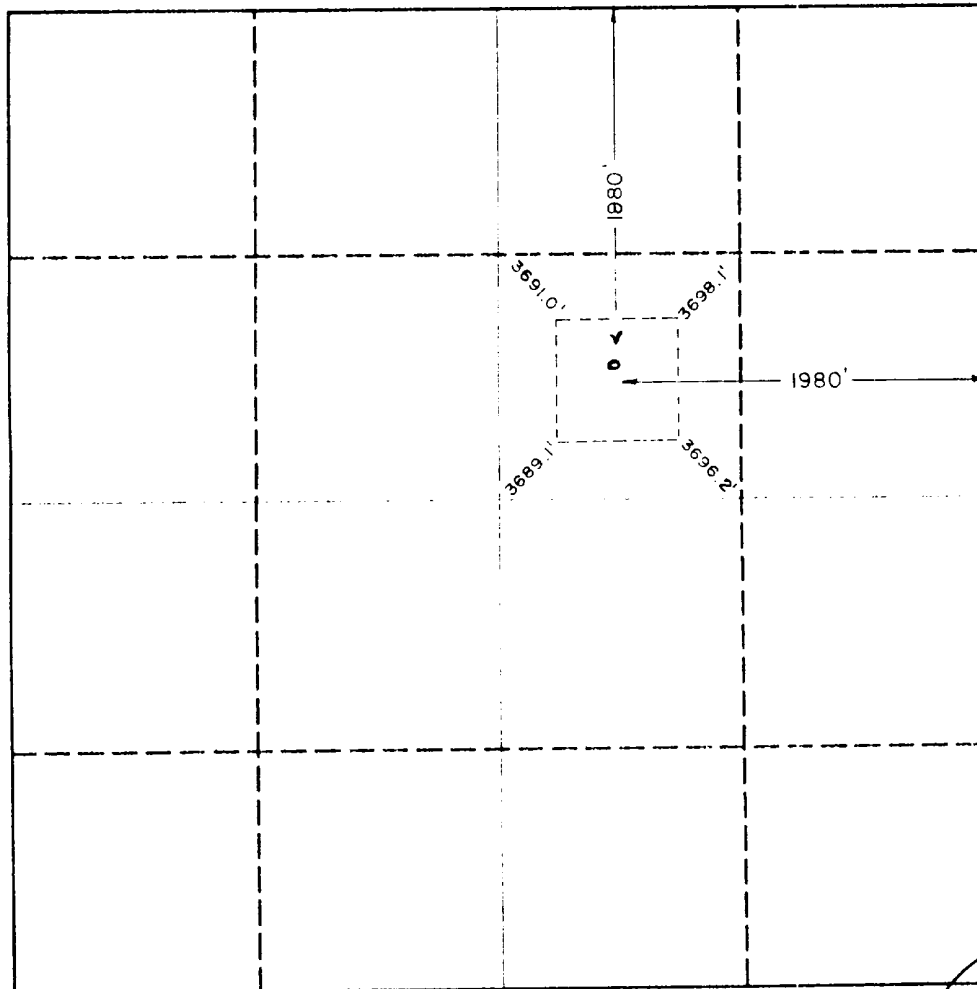
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

CARL
AREA HEADQUARTERS

Operator Harvey E. Yates Co.			Lease PMS 8 Federal		Well No. 4
Unit Letter G	Section 8	Township 18 South	Range 31 East	County NMPM	Eddy
Actual Footage Location of Well: 1980 feet from the north line and 1980 feet from the east line					
Ground level Elev. 3696.0'		Producing Formation Bani Springs		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.

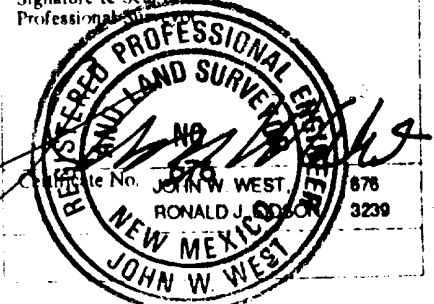
Signature
Dan Girand
Printed Name
Contracts Administrator
Position
Harvey E. Yates Company
Company
10/17/89
Date

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 knowledge and belief.

Date Surveyed
May 25, 1989

Signature & Seal of
Professional Surveyor



0 330 660 990 1320 1650 1980 2310 2640 2000 1000 1500 500 0

Application

HARVEY E. YATES COMPANY
PMS 8 Federal #4
Sec. 8, T18S, R31E
Eddy County, New Mexico

In conjunction with Form 3160-3, Application for Permit to Drill the Subject well in Section 8, 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	525'	Grayburg	3550'
Yates	1950'	San Andres	3930'
Seven Rivers	2360'	Delaware Sd	4420'
Bowers	2805'	Bone Springs	5060'
Queen	3060'	TD	8600'
Penrose	3270'		
3. We do not anticipate finding water but have listed the formation in which we anticipate finding oil or gas.

Bone Spring	5060'
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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: We do not plan to core or DST. The planned logs are C-ND w/GR and Caliper and DLL-MSFL.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible.

SURFACE USE PLAN

HARVEY E. YATES COMPANY
PMS 8 Federal #4
Sec. 8, 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 30 miles east of Artesia, New Mexico. Leave Artesia on U.S. Highway 82 and travel east to State Highway 222. Turn south on 222 and travel 3 miles. Turn west and travel 1/4 mile. Turn south and travel 1/4 mile to new location.

2. PLANNED ACCESS ROADS:

We plan to use the existing roads as far as possible. We will build approximately 1300 ft of new road to reach the proposed location. The running surface will be 14' wide, built with 6" of 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, all production equipment will be located at Unit A, Sec. 8, 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 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, 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:

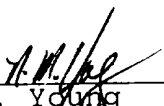
Micky Young
Harvey E. Yates Company
P. O. Box 1933
Roswell, New Mexico 88201
Office: 505/623-6601
Mobil: 505/624-1818 #840

Curtis Tolle
Harvey E. Yates Company
P. C. 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

EXHIBIT A

Harvey E. Yates Co.
PMS 8 Federal #4
1980' FE & NL
Sec. 8 T-18S R-31E
Eddy Co., New Mexico

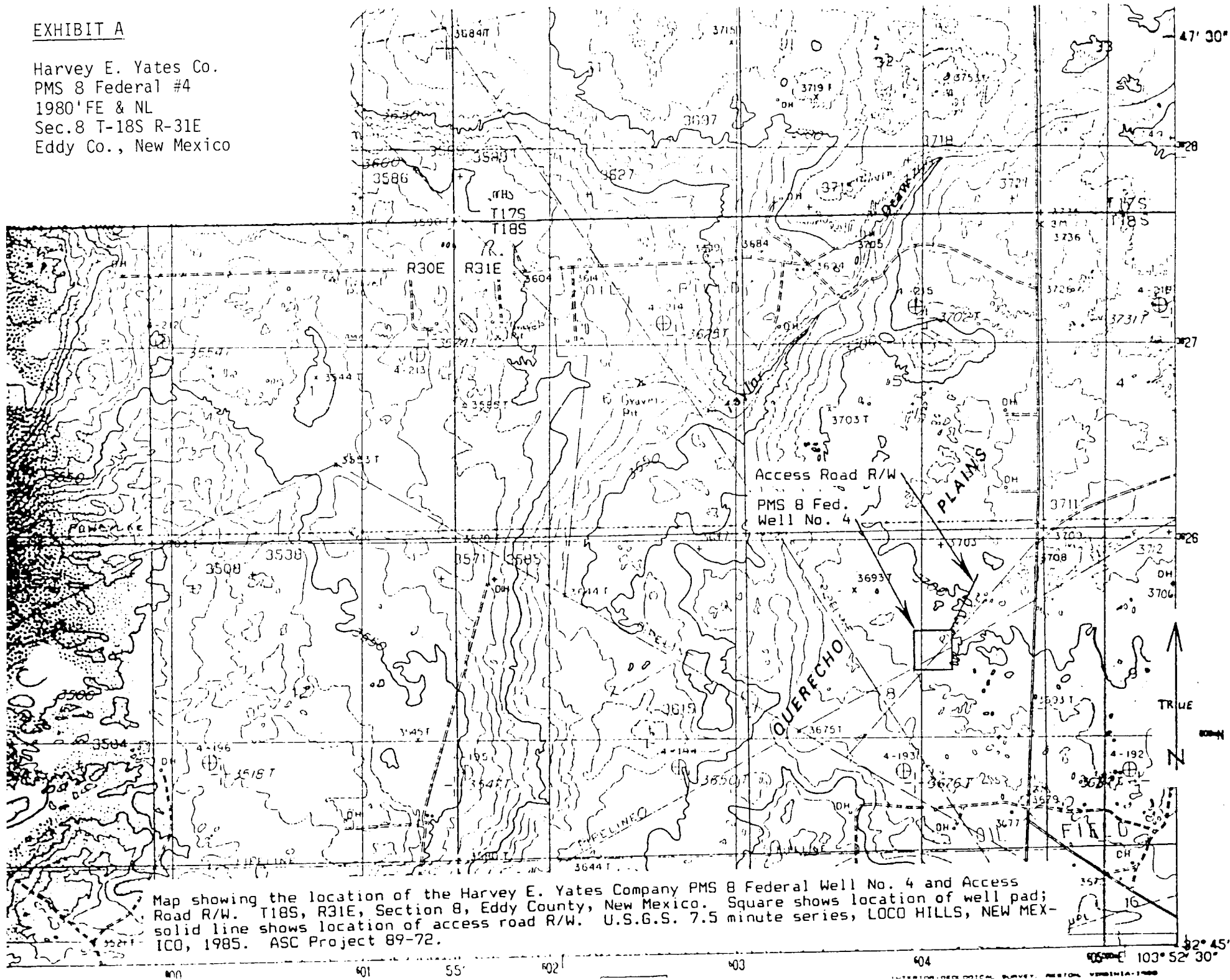



EXHIBIT B

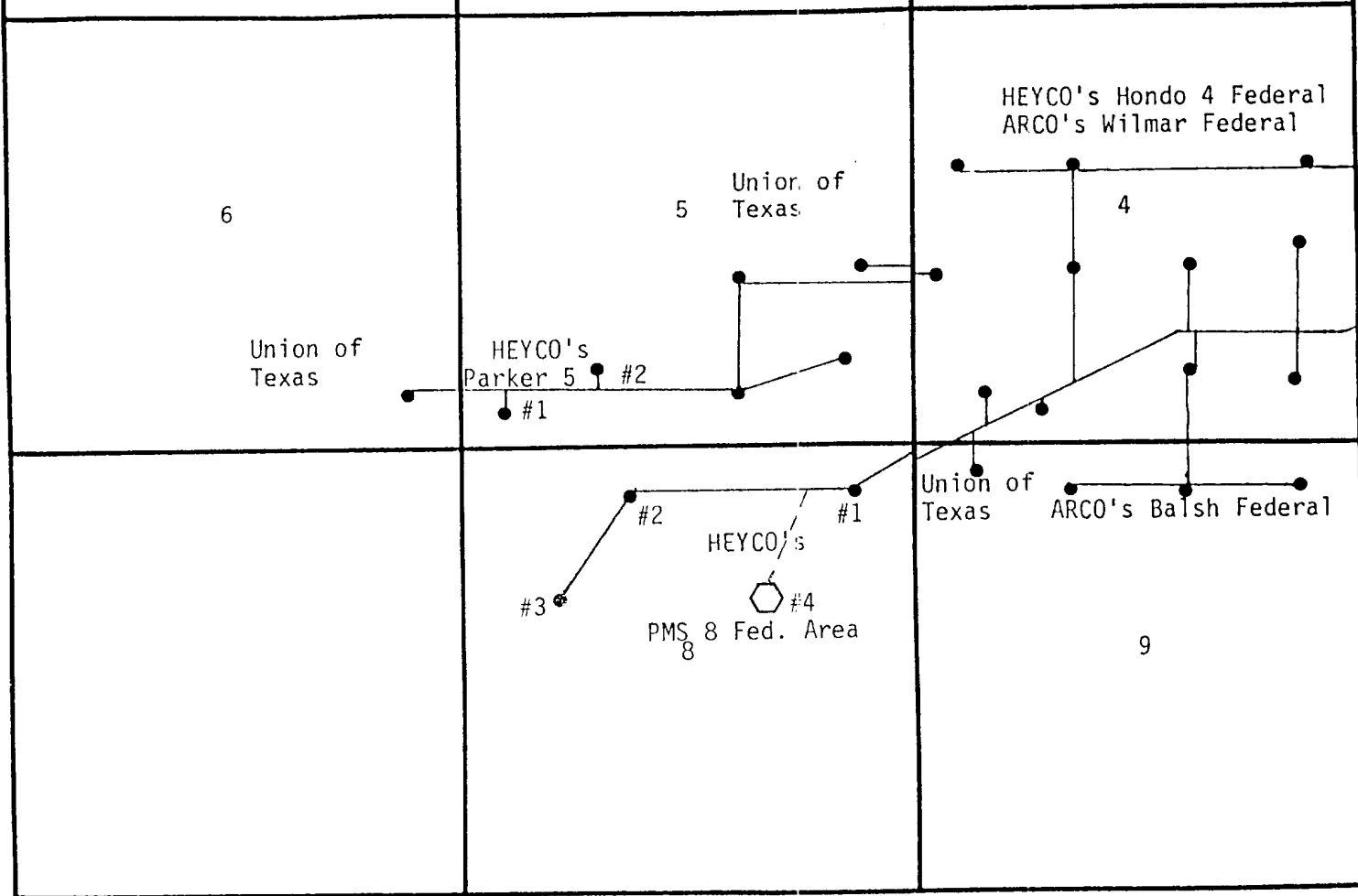
Harvey E. Yates Co.
PMS 8 Federal # 4
Sec.8 T-18S R-31E

Existing Wells ●

Existing Roads —————

Proposed Well 

Proposed Road - - - - -



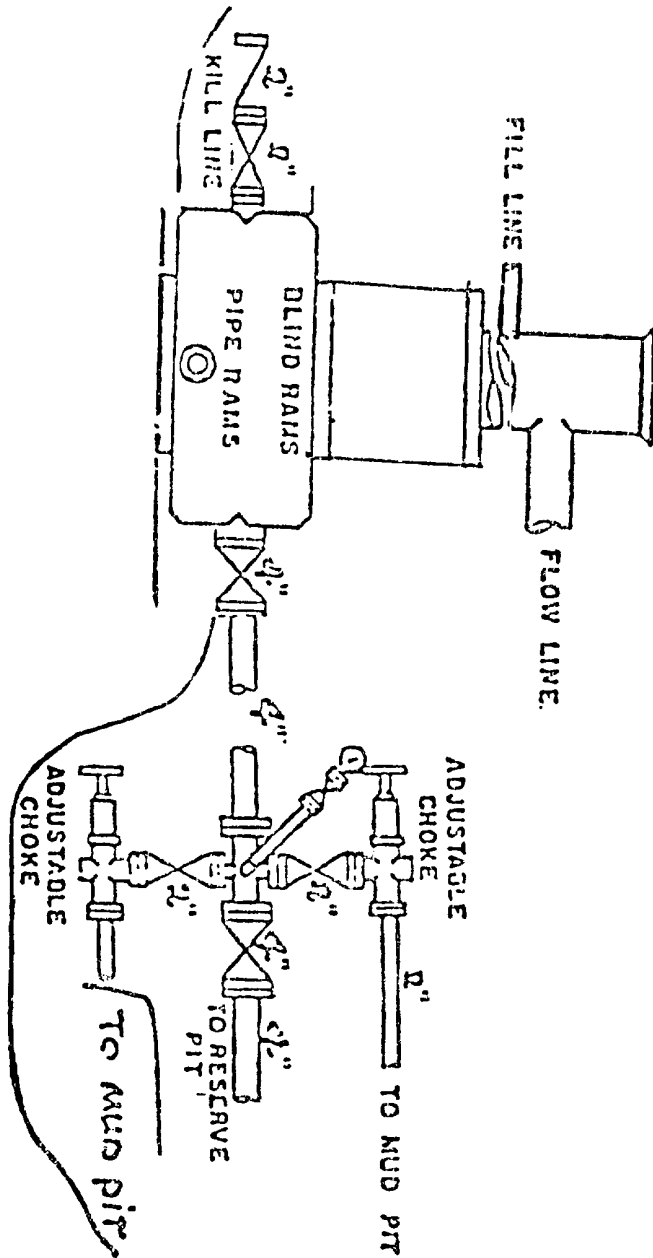
SECTION 4,5,6,8, & 9 **TOWNSHIP** 18 S **RANGE** 31 E

COUNTY Eddy **STATE** New Mexico

HIBIT C

Harvey E. Yates Co.
PMS 3 Federal #4
1980' FE & NL
Sec.8 T-18S R-31E
Eddy Co., New Mexico

900 Series



E 3IT D

Harvey E. Yates Co.
PMS 8 Federal #4
1980'FN & EL
Sec.8 T-18S R-31E
Eddy Co., New Mexico

