

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 ☐

RECEIVED

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Harvey E. Yates Company

NOV 9 '90

3. ADDRESS OF OPERATOR

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

O. C. D.

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

At surface

1740' FSL & 660' FWL

ARTESIA OFFICE

At proposed prod. zone

same

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

12 miles S.E. of Loco Hills, New Mexico

10. 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

240

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.

240'

19. PROPOSED DEPTH

5000

20. ROTARY OR CABLE TOOLS

rotary

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

3754.8 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
12 1/4 14 3/4"	9 5/8	36	350	Circ to surface
7 7/8	5 1/2	17	5000	Circ to surface

MUD PROGRAM:

0 - 350 FW w/paper  
350 - 5000 Brine water

Post ID-1  
11-16-90  
New Loc & API

RECEIVED  
OCT 9 9 21 AM '90  
CARTAGENA  
AREA

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

IF FROM OTHER AGENCY, PROVIDE  
OR CERTIFY THAT THE AGENCY  
-OUTSTANDING TO THE BUREAU OF LAND  
MANAGEMENT WOULD ENTITLE THE APPLICANT TO  
CONDUCT OPERATIONS THEREON.

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 Micky Young Micky Young TITLE Drilling Superintendent DATE 10/5/90

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY David Stout TITLE \_\_\_\_\_ DATE 11-6-90

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

UNIT STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLI  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO LC-058709 A	
2. NAME OF OPERATOR Harvey E. Yates Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 1933, Roswell, New Mexico 88202		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1740' FSL & 660' FWL		8. FARM OR LEASE NAME West Taylor 12 Federal	
14. PERMIT NO.		9. WELL NO. #1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3754.8 GL		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12, T18S, R32E	
		12. COUNTY OR PARISH Eddy	
		13. STATE NM	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>
(Other)	<input type="checkbox"/>

PULL OR ALTER CASING	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>

WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>
(Other) Change footage	<input checked="" type="checkbox"/>

REPAIRING WELL	<input type="checkbox"/>
ALTERING CASING	<input type="checkbox"/>
ABANDONMENT*	<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Harvey E. Yates Company staked the above mention well at 1980' FSL & 660' FWL. After the on site inspection of this location, Barry Hunt & HEYCO decided to move the stake to 1740' FSL & 660' FWL of same section, township & range because of pipelines and an existing well bore. If any questions, please call Micky Young at 505-623-6601.

18. I hereby certify that the foregoing is true and correct

SIGNED N. M. Young NM Young TITLE Drilling Superintendent DATE 10/3/90

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

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

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

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

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

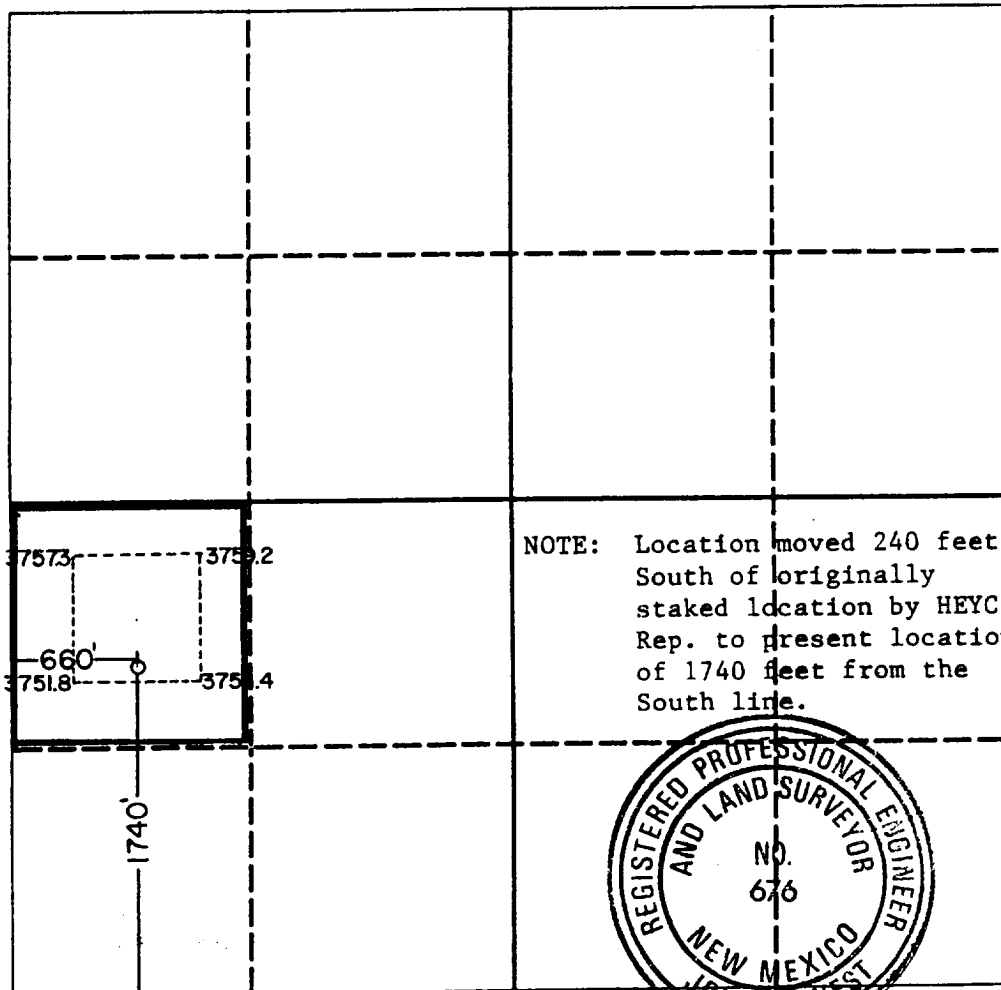
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator HARVEY E. YATES CO.			Lease West Taylor 12 Federal		Well No. 1
Unit Letter L	Section 12	Township 18 South	Range 31 East	County Eddy	
Actual Footage Location of Well: 1740 feet from the South line and 660 feet from the West line					
Ground level Elev. 3754.8	Producing Formation <del>Delaware</del> San Andres		Pool Wildcat	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

Printed Name  
NM Young

Position

Drilling Superintendent

Company

Harvey E. Yates Company

Date

10/5/90

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 13, 1990

Signature & Seal of  
Professional Surveyor

Certificate No.

JOHN W. WEST,

676

RONALD J. EIDSON,

3239

Application  
HARVEY E. YATES COMPANY  
West 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	840'	Penrose	3720'
Yates	2300'	Grayburg	4025'
7 Rivers	2720'	Loco Hills	4320'
Bowers	3220'	San Andres	4500'
Queen	3460'	Delaware	5000'

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

San Andres 4500'  
~~Bone Springs 5000'~~ ~~SSS~~

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.~~ ~~SSS~~ No coring or DST's are 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  
West 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 1 miles. Turn left and go north 1/4 of a mile. Turn left and go west to the location.

### 2. PLANNED ACCESS ROADS:

We plan to use the existing roads as far as possible. We propose to build approximately 300' 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.

October 5, 1990

N.M. Young, by U.T.  
N.M. Young  
Drilling Superintendent

Harvey E. Yates Co  
West Taylor 12 Federal #1  
1740' FSL & 660' FWL  
Sec.12 T-18S R-31E  
Eddy Co., New Mexico

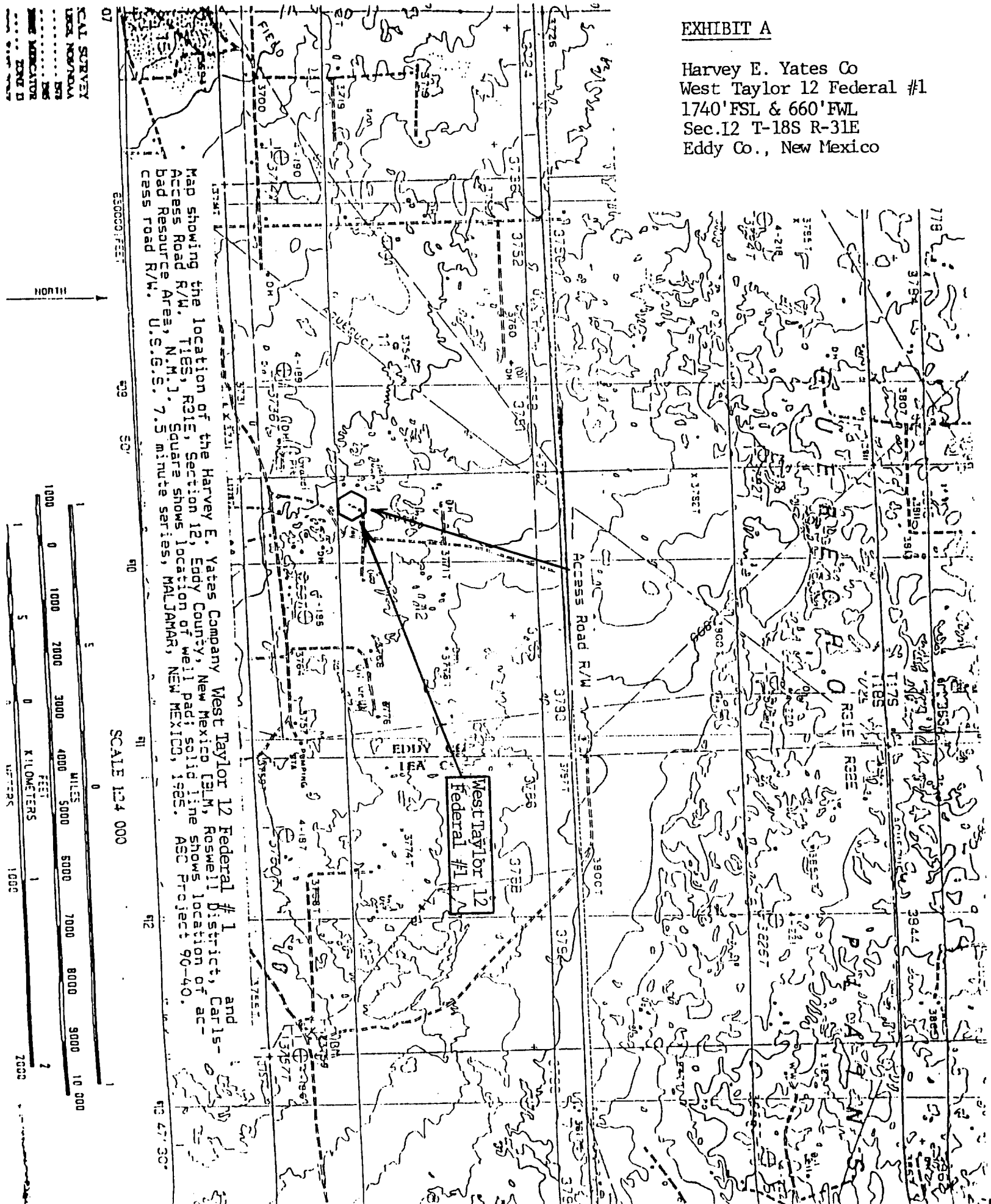




EXHIBIT B

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

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

Heyco's  
Mesquite State

HEYCO'S  
Mesquite  
3-2

M  
A  
R  
A  
T  
H  
O  
N  
  
Heyco's  
Hudson 11  
  
Johnson B  
Federal

#5  
  
#1  
#1-Y  
Taylor DP 12 Fed  
#2

SECTION 11 & 12 TOWNSHIP 18 S RANGE 31 E

COUNTY Eddy STATE New Mexico

EXHIBIT C

Harvey E. Yates Co.  
West Taylor 12 Federal #1  
1740' FSL & 660' FWL  
Sec. 12 T-18S R-31E  
Eddy Co., New Mexico

900 Series

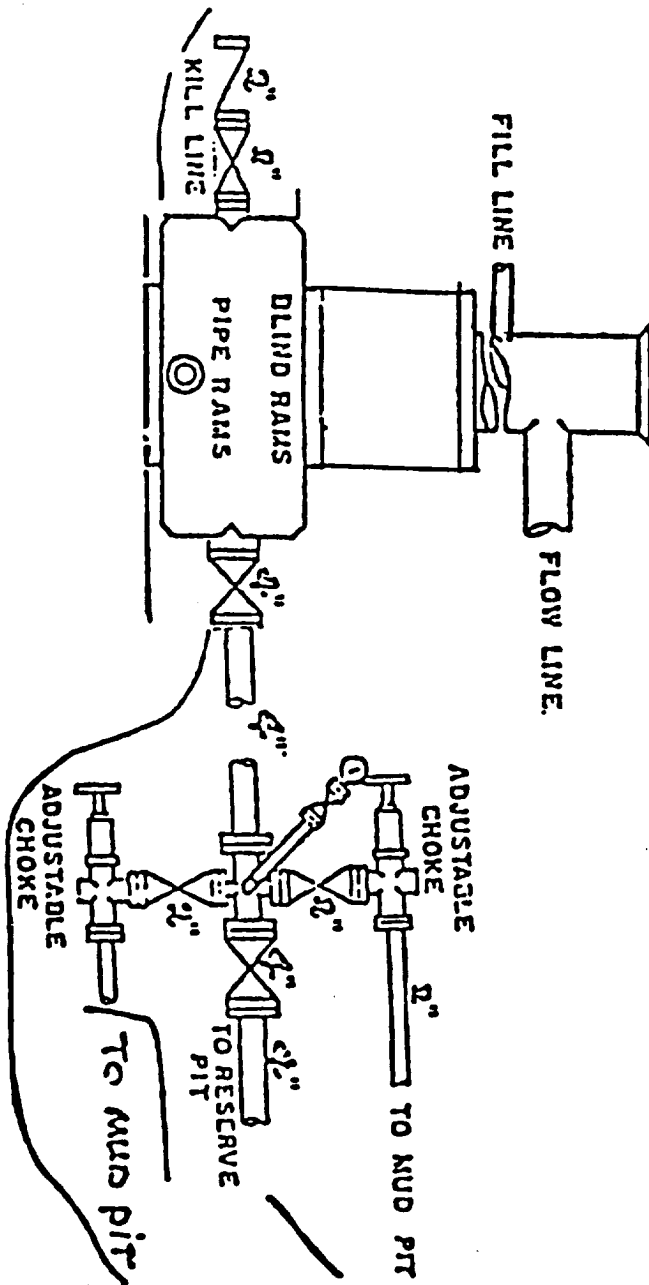


EXHIBIT D

Harvey E. Yates Co.  
West Taylor 12 Federal #1  
1740' FSL & 660' FWL  
Sec. 12 T-18S R-31E  
Eddy Co., New Mexico

