

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Original instructions on  
reverse side)

30-015-25847  
Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

DEC 11 '87

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

O. C. D.

AREA OFFICE

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 88201

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

At surface

330' FSL & 330' FEL

At proposed prod. zone

same

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

10. DISTANCE FROM PROPOSED\*

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

330

16. NO. OF ACRES IN LEASE

680.06

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.

660

19. PROPOSED DEPTH

5450

20. ROTARY OR CABLE TOOLS

Rotary

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

3715.2 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	8 5/8	24	350	Circ to surface
7 7/8	5 1/2	15.5	5450	Circ to surface

MUD PROGRAM:

0 - 350 Fresh water  
350 - 5450 Brine water

RECEIVED  
NOV 4 11 07 AM '87  
CARLSBAD RESOURCE  
AREA HEADQUARTERS

POST 10#1  
N & API  
12-18-87

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

*A.M. Young*

N.M. Young TITLE Drilling Superintendent

DATE Nov. 2, 1987

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

12-8-87

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

070188

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

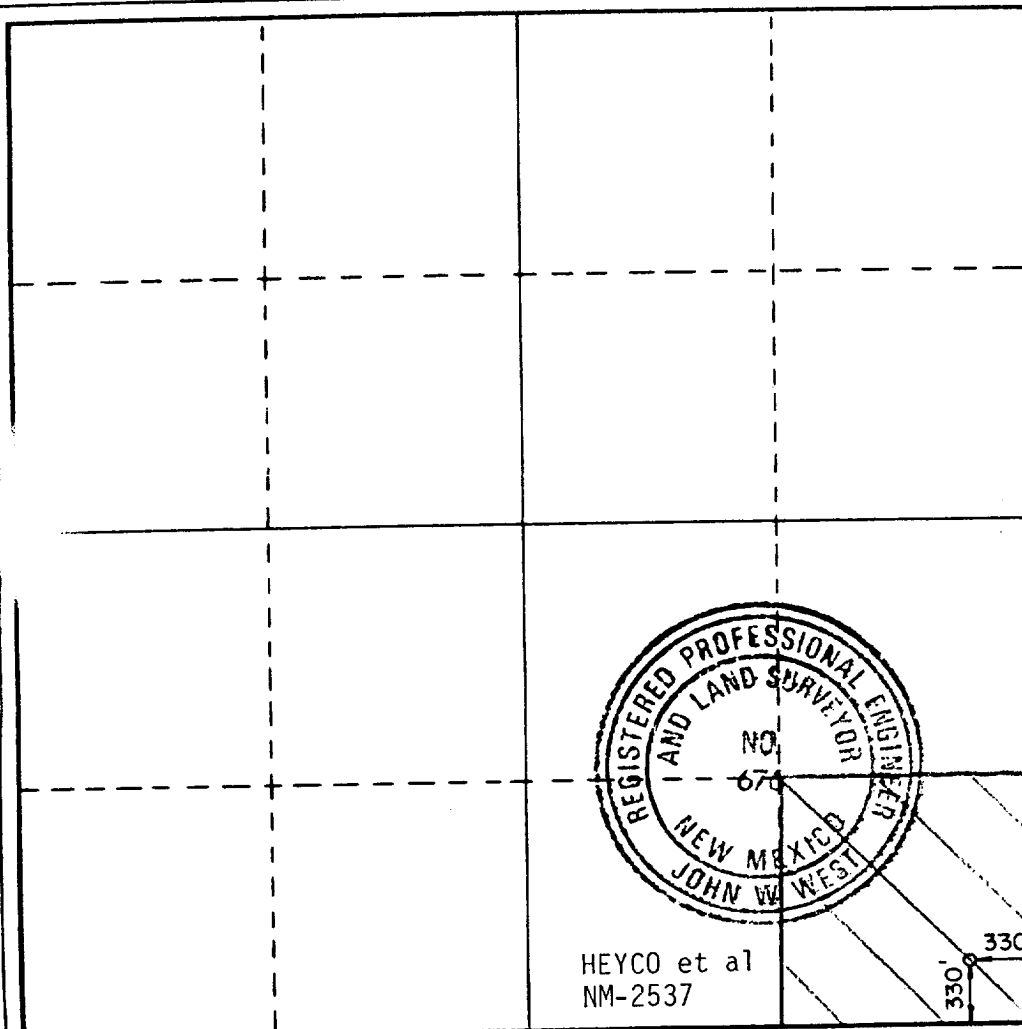
Operator HARVEY E. YATES			Lease SOUTH TAYLOR 13 FEDERAL		Well No. 2
Unit Letter P	Section 13	Township 18S	Range 31E	County LEA-EDDY	
Actual Footage Location of Well: 330 feet from the SOUTH line and 330 feet from the EAST line					
Ground Level Elev. 3715.2	Producing Formation Delaware		Pool East Shugart Delaware	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests 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 interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
N.M. Young  
Position  
Drilling Superintendent  
Company  
Harvey E. Yates Company  
Date  
November 2, 1987

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  
JUNE 27, 1986  
Registered Professional Engineer and/or Land Surveyor

Certificate No. JOHN W. WEST, 676  
RONALD J. EIDSON, 3239

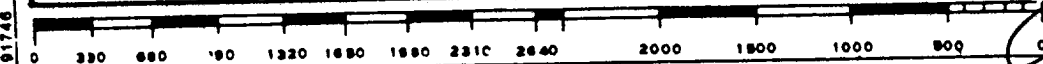
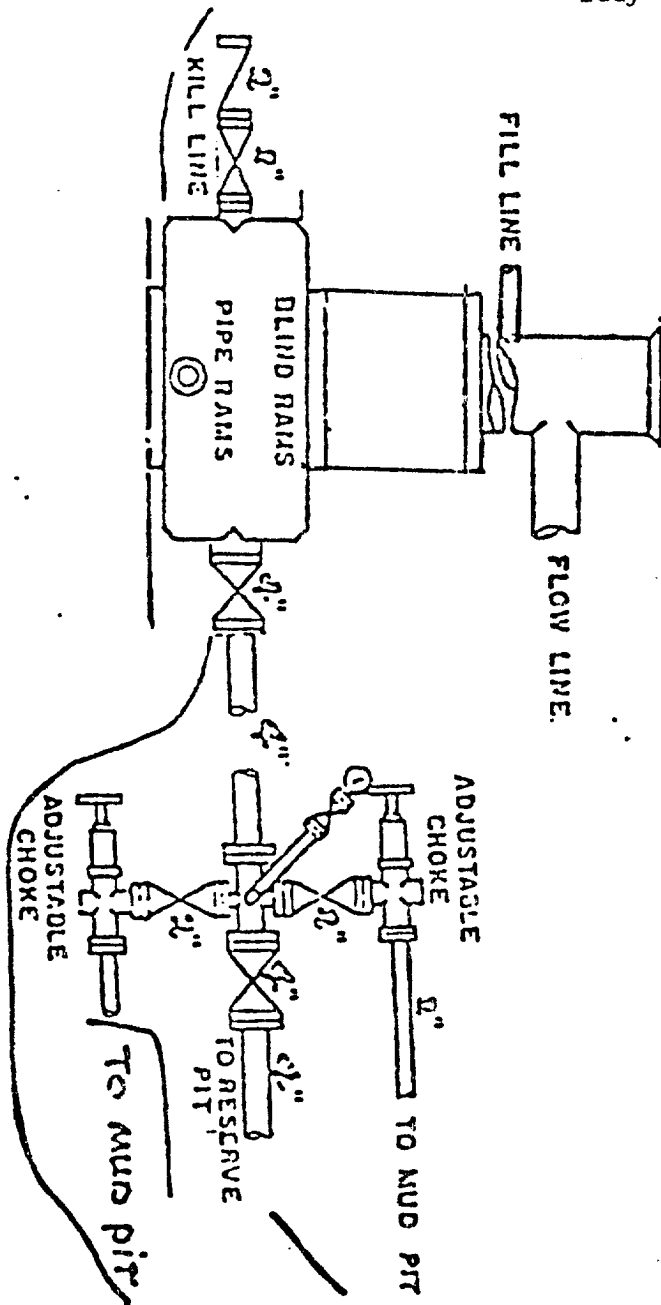


EXHIBIT C

Harvey E. Yates Co.  
South Taylor 13 Federal 2  
330' FSL & 330' FEL  
Sec. 13, T-18S, R-31E  
Eddy Co., New Mexico

900 Series



Application

HARVEY E. YATES COMPANY  
South Taylor 13 Federal #2  
Section 13, T18S, R31E  
Eddy County, New Mexico

In conjunction with Form 3160-3, Application for Permit to Drill the Subject well in Section 13, 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 follows:

Rustler	870'	Grayburg	4100'
Yates	2450'	Delaware	4770'
Seven Rivers	2850'	TD	5450'
Queen	3520'		

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

Delaware                      4770'

4. Proposed casing program: See Form 3160-3
5. Pressure control equipment: See Exhibit C.
6. Mud program: See Form 3160-3.
7. Auxiliary equipment: Blowout preventer
8. Testing, logging and coring programs: We are not planning to do any coring or DST's. Planned logs are DLL-Miro w/GR & Caliper, CN-Den w/GR & Caliper.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible.

EXHIBIT D

Harvey E. Yates Co.  
South Taylor 13 Federal #2  
330' FSL & 330' FEL  
Sec. 13, T-18S, R-31E  
Eddy Co., New Mexico

