

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

LC-064009-d

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Young Deep Unit

8. FARM OR LEASE NAME

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

N. Young Bone Springs

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

Sec. 9, T-18S, R-32E

12. COUNTY OR PARISH

Lea

13. STATE

N.M.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐

FEB 10 1981

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Harvey E. Yates Company

U.S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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

1980' FNL & 660' FEL

At proposed prod. zone

SAME

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

Approximately 6 miles south of Maljamar, N.M.

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

160

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.

3960'

19. PROPOSED DEPTH

9500'

20. ROTARY OR CABLE TOOLS

Rotary

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

3828.3 GR

22. APPROX. DATE WORK WILL START*

March 14, 1981

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#	650'	Circulate
11"	8 5/8"	24#-28#-32#	4650'	Circulate
7 7/8"	4 1/2"	10.5#-11.6#	8700'	Sufficient to cover 600' above pay zone

MUD PROGRAM: 0 - 650'
650' - 4650'
4650' - 8700'Fresh Water Gel/Soda Ash & Paper
Brine Water
Fresh Water Gel - DrispacSURFACE OWNER REQUIREMENTS: Restore land to meet the Bureau of Land
Management requirements.

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

TITLE

Vice President

DATE 2/6/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

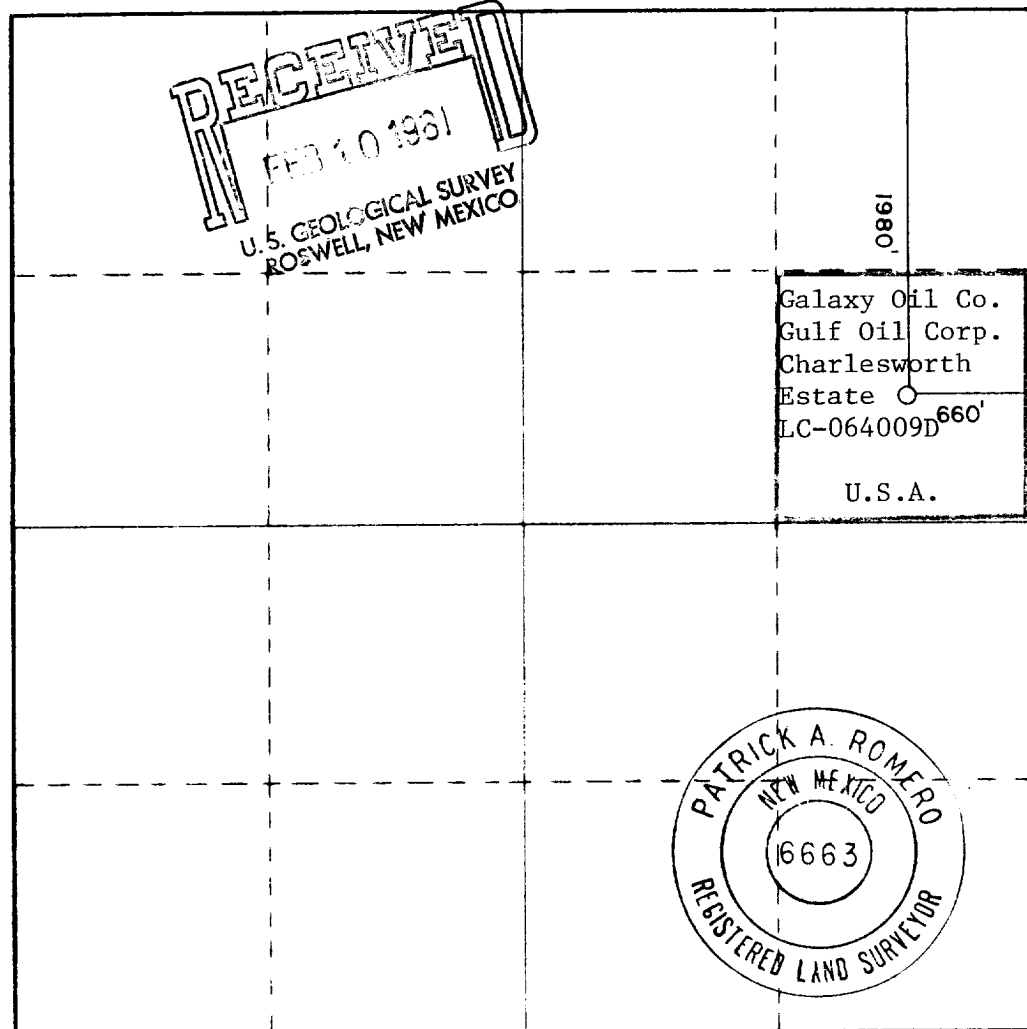
Operator HARVEY E. YATES COMPANY			Lease YOUNG DEEP UNIT			Well No. 4		
Unit Letter H	Section 9	Township 18 South		Range 32 East		County Lea County, New Mexico		
Actual Footage Location of Well: 1980 feet from the North line and 660 feet from the East line								
Ground Level Elev. 3828.3		Producing Formation Bone Springs			Pool N. Young Bone Springs		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
Fred G. Yates
Position
Vice President
Company
Harvey E. Yates Company
Date
February 6, 1981

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
January 29, 1981
Registered Professional Engineer and/or Land Surveyor

Patrick A. Romero
Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6663
Ronald J. Eidson 3239