

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

3-125-287-1
5. LEASE DESIGNATION AND SERIAL NO.

NM-036852

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Young Deep Unit 3 Federal

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WELDCAT

N. Young Bone Springs

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

Sec. 3, T-18S, R-32E

12. COUNTY OR PARISH 13. STATE

Dea NM

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WHEN WELL START*

9/4/84

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

2. TYPE OF WELL

WELL ☒

CAS
A FIL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

3. NAME OF OPERATOR

Harvey E. Yates Company

4. ADDRESS OF OPERATOR

P. O. Box 1933, Roswell, New Mexico 88201

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

At surface

660' FSL & 660' FBL

At proposed prod. zone

Same

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

Approximately 6 1/4 miles south of Alamogordo, N. M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPOSED OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1320'

16. NO. OF ACRES IN LEASE

200

19. PROPOSED DEPTH

9500'

21. ELEVATION (Show whether DF, RF, GR, etc.)

3872.1 GL

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	48# - 54#	450' 600'	Circulate
12	8 5/8"	34# - 28#	2650'	Circulate
7 7/8	5 1/2"	11.6#	9500'	Suff to cover 600' above payzone.

MUD PROGRAM

0 - 650 Spud Mud
650 - 2650 Brine Water
4650 - 9500 Fresh Water Gel

IN ABOVE SPACE DESCRIBE CEMENTING 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 sub surface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED

Reservoir Engineer

DATE August 31, 1984

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Asst. Area Manager

DATE

9/4/84

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS.

Attended

RECEIVED

SEP 11 1984

OFFICE
HQBDC OFFICE