

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYRECEIVED  
SUBMIT IN TRIPLICATE  
(Other 1 action on reverse side)

OCT 09 1984

30-015-25047  
Form approved.  
Budget Bureau No. 42-R1425.

## 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 ☒MULTIPLE ☐

## 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

660' FSL &amp; 1980' FWL

At proposed prod. zone Same

## 5. LEASE DESIGNATION AND SERIAL NO.

NM-17216

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

Anderson "24" Federal

## 9. WELL NO.

1

## 10. FIELD AND POOL, OR WILDCAT

Wildcat - *Morgan*11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 24, T-16S, R-27E

## 12. COUNTY OR PARISH

Eddy

## 13. STATE

NM

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

10 miles Northeast of Artesia, New Mexico

## 15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)

660'

## 16. NO. OF ACRES IN LEASE

2153.77

## 17. NO. OF ACRES ASSIGNED TO THIS WELL

320

## 18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

None

## 19. PROPOSED DEPTH

9500

## 20. ROTARY OR CABLE TOOLS

Rotary

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

~~3773.3 GL~~ 3536.9' GL

## 22. APPROX. DATE WORK WILL START\*

9/25/84

## 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	425	Circ
11	8 5/8	24 - 32	2150	Circ
5 1/2	5 1/2	17 - 20	9500	Suff to cover 600' above payzone

## MUD PROGRAM

0 - 425 FW Gel/Soda Ash & paper  
425 - 2150 Cut Brine  
2150 - 9500 FW Gel Drispac

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

*Ray T. Osk*

TITLE Reservoir Engineer

DATE 9/18/84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

AREA MANAGER  
CARLSBAD RESOURCE AREA

DATE

10-584

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED