

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 South 4th St., Artesia, NM 88210

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

At surface

1980' FSL & 1980' FWL, Sec. 1-18S-25E

At proposed prod. zone

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

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

8766' KB

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

3436 GL = 3448 KB

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	48#	495	550 sx
12-1/4	8-5/8	24#	1256	558 sx
7-7/8	5-1/2	15.5#, 17#	8677- 8667	450 sx

This well was drilled and completed in the West Atoka Morrow, perfs 8434-45'. The well is depleted in the Morrow completion and the well is being turned back to Yates Petroleum Corporation as operator. Yates propose to plug back for a Cisco completion. A cast iron bridge plug will be set at about 8400' w/38' 50" cement on top of plug. Will perforate casing at about 6920', break circulation and cement casing w/125 sx Class C cement, WOC, drill out cement, perforate Cisco formation at 6886-6900 and 6909-12', stimulate as needed for production.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new product zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program, if any.

24.

SIGNED

TITLE Engineer

DATE 12-12-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.

NM 0214624

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Superior Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR B.L.A.
AND SURVEY OR AREA

Unit K-
Sec. 1-18S-25E

12. COUNTY OR PARISH 13. STATE

Eddy

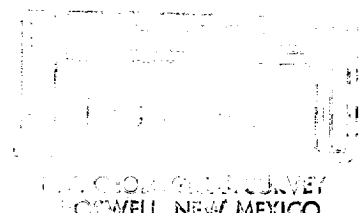
NM

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

22. APPROX. DATE WORK WILL START
as soon as approved



APPROVED
AS AMENDED
DEC 17 1980
DATE
K. E. Sayles
DISTRICT SUPERVISOR