

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 RECOMPLETION SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 YATES PETROLEUM CORPORATION (505) 748-1471

3. ADDRESS OF OPERATOR
 105 South 4th St., Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1980' FSL & 660' FEL, Sec. 3-T20S-R24E
 At proposed prod. zone

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

5. LEASE DESIGNATION AND SERIAL NO.
 NM 58143

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Bate Federal

9. WELL NO.
 1

10. FIELD AND POOL, OR WILDCAT
 Undesignated Yeso

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Unit I, Sec. 3-T20S-R24E

12. COUNTY OR PARISH
 Eddy

13. STATE
 NM

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

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.

19. PROPOSED DEPTH
 4550'

20. ROTARY OR CABLE TOOLS
 Pulling Unit

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3691' GR

22. APPROX. DATE WORK WILL START*
 When approved

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	8-5/8"	24#	950' (in place)	500 sx
7-7/8"	5-1/2"	14#	4524' (in place)	775 sx

Well currently completed as SWD well - injection interval 4469-4522' & 4238-4298' Abo formation. Propose to recomplate well in Yeso as follows: Unseat packer at 4196' and TOH w/injection tubing and packer. RIH w/cement retainer, set at 4050', establish injection rate into Abo perms. Squeeze Abo perms w/200 sx Class "C" Neat. Perforate the Yeso 2253-2379' (17 holes) and 2049-2147' (17 holes). Will acidize and frac as necessary to obtain production.

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. SIGNATURE *Quanta Sordillo* TITLE Production Supervisor DATE 7-9-92
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side