

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-100831	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Re-entry <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR YATES PETROLEUM CORPORATION		7. UNIT AGREEMENT NAME 23844	
3. ADDRESS AND TELEPHONE NO. 105 South Fourth Street, Artesia, New Mexico 88210 (505) 748-1471		8. FARM OR LEASE NAME, WELL NO. Bat "ARO" Federal #1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2210' FNL and 660' FWL At proposed prod. zone Unit E		9. API WELL NO. 30-015-25874	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 24 miles southwest of Carlsbad, New Mexico		10. FIELD AND POOL, OR WILDCAT Crooked Creek Morrow 7542	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 34, T23S-R24E	
16. NO. OF ACRES IN LEASE 640		12. COUNTY OR PARISH Eddy County	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Pulling Unit	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3380' GR		22. APPROX. DATE WORK WILL START* ASAP	

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5#	408'	565 sx in place
12 1/4"	8 5/8"	24# & 32#	2600'	1500 sx in place
7 7/8"	5 1/2"	17.5#	TD	650 sx circulated

WITNESS

Yates Petroleum Corporation proposes to re-enter this well which was drilled by BTA Oil Producers, and was P/A'd on July 3, 1991 as the 8710 JV-P Tank B #1. Yates Petroleum Corporation will drill out plugs, clean hole, and run 5 1/2" casing to 9975' and test the Morrow and intermediate formations.

MUD PROGRAM: 0-9975' Cut Brine.

BOPE PROGRAM: BOPE will be installed on the 8 5/8" casing and tested daily for operational.

Archaeological Report #88-067-181 was submitted on January 13, 1988.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Ken Beardsley TITLE Landman DATE September 30, 1998

(This space for Federal or State (use))

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY (ORIG. SGD.) ARMANDO A. LOPEZ Acting Assistant Field Office Manager,  
TITLE Lands and Minerals DATE Oct 28 1998

\*See Instructions On Reverse Side