

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-82845	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> 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	
3. ADDRESS AND TELEPHONE NO. 105 South Fourth Street, Artesia, New Mexico 88210		8. FARM OR LEASE NAME, WELL NO. Polo "AOP" Fed Com #2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' FSL and 1980' FEL At proposed prod. zone Same		9. API WELL NO. 30-015-20334	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 20 miles SW of Artesia, New Mexico		10. FIELD AND POOL, OR WILDCAT Boyd Morrow	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 10-T19S-R25E	
16. NO. OF ACRES IN LEASE 240		12. COUNTY OR PARISH Eddy	
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. 9292'		20. ROTARY OR CABLE TOOLS Pulling Unit	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3479.9 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
28"	20"	52.73	30'	In Place
17 1/2"	13 3/8"	48.0	450'	In Place
12 1/4"	8 5/8"	24.0	1228'	In Place
7 7/8"	5 1/2"- J55	17.0	9700'	Tie back to 8 5/8" casing
7 7/8"	4 1/2"	10.5 & 11.6	9292'	In Place to 6700'

YATES PETROLEUM CORPORATION PROPOSES TO RE-ENTER THIS WELL THAT WAS ORIGINALLY AS THE ARCO 10 FEDERAL #1 TO A TD of 9292'. PLANS ARE TO DRILL OUT THE PLUGS WITH A 7 7/8" BIT TO THE TOP OF THE 4 1/2" CASING AT 6700' AND DRESS THE STUB. RUN 5 1/2" CASING TO TOP OF STUB AND TIE THE TWO STRINGS TOGETHER AND CEMENT CASING BACK TO 8 5/8" SET AT 1228". CLEANOUT 4 1/2" CASING TO 9238'. ATTEMPT TO REFRAC ZONES AT 9144'-51', 9113'-19' AND 9085'-95'. SWAB BACK FLUIDS AND PUT WELL ON PRODUCTION.

MUD PROGRAM: BRINE TO TD.

BOPE PROGRAM: BOPE WILL BE INSTALLED ON THE 8 5/8" CASING

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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 Jan B. Boudry TITLE LANDMAN DATE 9/22/94
(This space for Federal or State office 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 _____ TITLE _____ DATE _____

*See Instructions On Reverse Side