

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-19421	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <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 25575		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 105 South Fourth Street, Artesia, New Mexico 88210		8. FARM OR LEASE NAME, WELL NO. 12100 Catterson "SS" Fed #7	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2310' FSL and 660' FEL, Unit Letter I At proposed prod. zone Same		9. API WELL NO. 30065-63033	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 miles E/NE of Roswell, New Mexico		10. FIELD AND POOL, OR WILDCAT Pecos Slope Abo (GAS) 82730	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21-T7S-R26E	
16. NO. OF ACRES IN LEASE 866.14		12. COUNTY OR PARISH Chaves	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4300'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3726' 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
14 3/4"	9 5/8"	36# J-55	950'	800 sx circulated
7 7/8"	4 1/2"	10.5# J-55	TD	350 sx

YATES PETROLEUM CORPORATION proposes to drill and test the Abo and intermediate formations. Approximately 950' of surface casing will be set and cement circulated to shut off gravel and caving. If commercial, production casing will be run and cemented with adequate cover, preforated and stimulated as needed for production.

MUD PROGRAM: FW Gel/LCM to 950', Cut Brine to 3200', SW Gel/Starch to TD.

BOPE PROGRAM: BOPE will be installed on the 9 5/8" casing and tested daily.

GAS NOT DEDICATED.

PLEASE NOTE: THESE PAGES REPLACE THE ORIGINAL ONES SUBMITTED 8/10/94. LOCATION MOVED DUE TO DRAINAGE PROBLEMS.

PLEASE BE ADVISED THAT THERE WILL BE NO EXCAVATION OF FEDERALLY OWNED LAND FOR CONSTRUCTION OF THE ACCESS ROAD OR PAD WITHOUT PAYMENT

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 Cliff R. May TITLE PERMIT AGENT DATE 10/17/94  
(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 /s/ Earle Smith TITLE Asst. Dir. Mgmt. DATE Nov 16, 1994