

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/>		RECEIVED DEC 8 1983 OIL & GAS ROSWELL, NEW MEXICO
2. NAME OF OPERATOR Yates Petroleum Corporation		
3. ADDRESS OF OPERATOR 207 S. 4th, Artesia, New Mexico 88210		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 990' FSL and 1980' FWL At proposed prod. zone same		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 15 miles south of Kenna, New Mexico		5. LEASE DESIGNATION AND SERIAL NO. NM-18503
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 990'		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
16. NO. OF ACRES IN LEASE 320		7. UNIT AGREEMENT NAME
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		8. FARM OR LEASE NAME Center "XI" Federal
18. PROPOSED DEPTH 4250'		9. WELL NO. 3
19. ROTARY OR CABLE TOOLS Rotary		10. FIELD AND POOL, OR WILDCAT Unders. Tomahawk SA
20. APPROX. DATE WORK WILL START ASAP		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 1-T8S-R31E
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4395.2' GL		12. COUNTY OR PARISH Chaves
		13. STATE NM

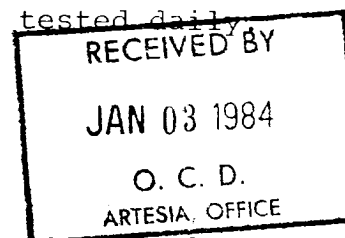
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24# J-55	appr. 1550'	500 sx circ
7 7/8"	4 1/2"	9.5#	TD	300 sx

We propose to drill and test the San Andres formations. If commercial, 4 1/2" production casing will be run and cemented with and adequate cover, perforate and stimulate as needed for production.

MUD PROGRAM: Native mud to 1550'. FW to TD.

BOP PROGRAM: BOP's will be installed at 1550' and tested daily.



18. 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. SIGNED Glenn Robin TITLE Regulatory Agent DATE 11/16/83
(This space for Federal or State office use)

PERMIT NO. 1 APPROVAL DATE DEC 30 1983
'Orig. Sgd.' Earl R. Cunningham District Manager
APPROVED BY Earl R. Cunningham TITLE District Manager
CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

[Faint, illegible text]

RECEIVED

JAN 9 1984

O.C.D.
HOBBS OFFICE