

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM 8417
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" 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 OF OPERATOR 207 South 4th St., Artesia, NM 88210			8. FARM OR LEASE NAME Box Canyon Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980/S 1980/E Sec. 14-T21S-R21E At proposed prod. zone			9. WELL NO. 3
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Eddie Box Canyon Perm Penn
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 Unit J-Sec. 14-21S-21E
16. NO. OF ACRES IN LEASE			12. COUNTY OR PARISH Eddy
17. NO. OF ACRES ASSIGNED TO THIS WELL			13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS Pulling Unit
19. PROPOSED DEPTH			22. APPROX. DATE WORK WILL START* Soon as approved.
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4608' KB			

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
16"	13-3/8"	48#	40'	3 yrs ready-mix
12-1/4"	8-5/8"	24#	1126'	779 sx
7-7/8"	5-1/2"	10.6#	8230	1110 sx

Well is gone to all water in present perforations 6008-34'. We propose to cement squeeze this interval and to recompleate in the same zone in perforations at 5986-91', 5895-98' and 5620'24'. Will stimulate as needed to return to production.

RECEIVED
FEB 06 1981
O. C. D.
ARTESIA, OFFICE

GEOLOGICAL SURVEY
SHELLELL, NEW MEXICO

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. SIGNED Eddie Box Canyon TITLE Engineer DATE Feb. 4, 1981

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

APPROVED

FEB 5 1981

DISTRICT SUPERVISOR

*See Instructions On Reverse Side