

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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-81218
b. TYPE OF WELL OIL WELL <input checked="" 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		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 105 South Fourth Street, Artesia, New Mexico 88210		8. FARM OR LEASE NAME Brannigan ANF Fed.
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FNL & 400' FWL At proposed prod. zone Same		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 29 miles, Northwest of Carlsbad, New Mexico		10. FIELD AND POOL, OR WILDCAT Wildcat Upper Penn.
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6-T22S-R24E
16. NO. OF ACRES IN LEASE 660.09		12. COUNTY OR PARISH Eddy
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		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 7900'		22. APPROX. DATE WORK WILL START* ASAP
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3932.4 GL		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13"	46#	626'	In place
10 3/4	9 5/8"	36#	2427'	In place
8 3/4	7"	26, 20, 23#	7981'	In place

All the casing is in place and Yates proposes to run a 2 7/8, 6.5# J-55 tubing on the hole and test the Upper Penn Dolomite 7850-7900', 7740-60', 7665-88', 7618'-26' for oil or gas. If non-productive will test 7420-82' with ESP for gas production.

Former:
Amoco Prod. Co.
Federal D #1
OTD - 9476
PFA - 11-6-86

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 [Signature] TITLE Landman DATE 7/1/93
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side