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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>

5. State Oil & Gas Lease No.
LG-2363

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

DRILL <input type="checkbox"/>	DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER <i>Re-entry</i>
SINGLE ZONE <input type="checkbox"/>	MULTIPLE ZONE <input type="checkbox"/>	

c. Name of Operator

Yates Petroleum Corporation

d. Address of Operator

105 South Fourth Street - Artesia, NM 88210

e. Location of Well

UNIT LETTER N LOCATED 660 FEET FROM THE South LINEWD 2120 FEET FROM THE West LINE OF SEC. 16 TWP. 18S RGE. 32E NMPM

7. Unit Agreement Name

8. Farm or Lease Name

*Arco State*

9. Well No.

~~Arco State~~ 1

10. Field and Pool, or Wildcat

Wildcat Delaware

12. County

Lea

1. Elevations (Show whether DT, KI, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3773.5' GR	Blanket	Undesignated	ASAP
19. Proposed Depth	19A. Formation	20. Rotary or C.T.	
6000'	Delaware	Rotary	

3.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	754'	575 sacks	Circulate
12-1/4"	9-5/8"	32#	4013'	1400 sacks	Circulate
8-3/4"	5-1/2"	17 & 20#	11805'		

This well was originally drilled by JFG Enterprises of Artesia, New Mexico in 1985. Yates Petroleum Corporation proposes to test the Delaware formation by drilling out the plugs to the top of the Delaware at approximately 5438', splice onto the 5-1/2" casing and test the Delaware formation. 5-1/2" casing will be cemented back to the 9-5/8" casing at approximately 4000'. Will perforate and stimulate as needed for production. Plugs are set at: (1) surface; (2) 800'; (3) 4013'; (4) 5438'

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed *Cy Cowan* Title Regulatory Agent Date February 25, 1988

(This space for State Use)

Orig. Signed by  
Paul KautzPROVED BY Geologist TITLE \_\_\_\_\_ DATE FEB 25 1988

CONDITIONS OF APPROVAL, IF ANY:

Form C Expires 6 Months From Approval  
Date Unless Drilling Underway.