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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-2265
7. Unit Agreement Name
8. Farm or Lease Name
Superior WA State
9. Well No.
4
10. Field and Pool, or Wildcat
Saunders Permo Penn
12. County
Lea

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

a. Type of Work	DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	7. Unit Agreement Name
b. Type of Well	OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Farm or Lease Name
c. Name of Operator	Yates Petroleum Corporation	Superior WA State
d. Address of Operator	207 South Fourth Street - Artesia, NM 88210	9. Well No.
e. Location of Well	UNIT LETTER H LOCATED 2310 FEET FROM THE North LINE	10. Field and Pool, or Wildcat
	660 FEET FROM THE East LINE OF SEC. 11 TWP. 14S RGE. 33E NMPD	Saunders Permo Penn
		12. County
		Lea
	19. Proposed Depth	19A. Formation
	10250'	Bough C
1. Elevations (Show whether DF, RI, etc.)	21A. Kind & Status Plug. Bond	20. Rotary or C.T.
4188' GR	Blanket	Rotary
	21B. Drilling Contractor	22. Approx. Date Work will start
	Undesignated	ASAP

## 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# J-55	Approx. 450'	400 sacks	Circulate
12-1/4"	8-5/8"	24# J-55	" 4200'	1300 sacks	400'
7-7/8"	5-1/2"	17# N-80	TD	450 sacks	9200'

We propose to drill a 10250' well and test the Permo-Penn and intermediate formations. Approximately 450' of surface casing will be set and cement circulated. Approximately 4200' of intermediate casing will be set and cement circulated back to about 400'. Production casing will be set to TD and cemented back to approximately 9200'.

MUD PROGRAM: FW gel to 450', native mud to 4200', water/paper to 7500', starch/drisk/KCL to TD.

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

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 Courch Title Regulatory Agent Date Nov. 14, 1985

APPROVED BY JERRY SEXTON  
DISTRICT 1 SUPERVISOR

TITLE

DATE

NOV 15 1985

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

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HOBBS OFFICE