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P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

FEB 23 1982

O. C. D.  
ARTESIA, OFFICE

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> REC <input type="checkbox"/>
5. State Oil & Gas Lease No.
LG-0336

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

Type of Work		7. Unit Agreement Name	
Type of Well	DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	8. Farm or Lease Name	
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	Redman "OY" State	
Name of Operator		9. Well No.	
Yates Petroleum Corporation		4	
Address of Operator		10. Field and Pool, or Wildcat	
207 S. 4th Street, Artesia, New Mexico 88210		Undes. Pecos Slope Abo	
Location of Well		12. County	
UNIT LETTER <input checked="" type="checkbox"/> N LOCATED 660 FEET FROM THE south LINE		Chaves	
1980 FEET FROM THE West LINE OF SEC. 35 TWP. 4S RGE. 24E NMPM			
19. Proposed Depth		19A. Formation	
4025'		Abo	
20. Rotary or C.T.		Rotary	
Elevations (Show whether DT, KT, etc.)		21A. Kind & Status Plug. Bond	
3998'		Blanket	
21B. Drilling Contractor		22. Approx. Date Work will start	
Rault Drilling.		ASAP	

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4"	10 3/4"	48# J-55	900'	550 sx	circulated
7 7/8"	4 1/2"	9.5#	TD	400 sx	

We propose to drill and test the Abo and intermediate formations. Approximately 900' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 8 5/8" intermediate casing will be run to 1500' and cemented with enough cement calculated to tie back into the surface casing. Temperature survey will be run to determine cement top. If commercial, production casing will be run and cemented with adequate cover, perforate, and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM to 1500'; brine to 3200', salt gel/starch to TD.

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

GAS NOT DEDICATED.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 8-26-82  
UNLESS DRILLING UNDERWAY

BOVE 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.

ed Glenn Roden Title Regulatory Manager Date 2/23/82  
(This space for State Use)

ROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE FEB 26 1982  
DITIONS OF APPROVAL, IF ANY: