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**RECEIVED**  
NEW MEXICO OIL CONSERVATION COMMISSION

NOV 21 1978

**O. C. C.**  
**ARTESIA, OFFICE**

30-015-22745

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
O'Neil JL	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Atoka Yeso	
12. County	
Eddy	
19. Proposed Depth	19A. Formation
3000	Yeso
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DE, RT, etc.)	21A. Kind & Status Plug. Bond
3374 GR	Blanket
21B. Drilling Contractor	22. Approx. Date Work will start
LaRue & Muncy	As soon as approved

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

1a. Type of Work	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>
b. Type of Well	
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>
OTHER <input type="checkbox"/>	
2. Name of Operator	
Yates Petroleum Corporation	
3. Address of Operator	
207 South 4th, Artesia, NM 88210	
4. Location of Well	
UNIT LETTER G	LOCATED 2310 FEET FROM THE North LINE
AND 1650 FEET FROM THE East	LINE OF SEC. 33 TWP. 18S RGE. 26E NMPM
11. County	
Eddy	
19. Proposed Depth	
3000	
19A. Formation	
Yeso	
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DE, RT, etc.)	21A. Kind & Status Plug. Bond
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**PROPOSED CASING AND CEMENT PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
9 5/8	7"	20#	Approx 1120'	550 sx	Circulate
6 1/4	5 1/2-4 1/2	14# or 9.5#	Approx 3000'	175 sx	Circulate

We propose to drill a Yeso and San Andres test. Casing will be set at least 100' below the Artesian Water zone and cemented to the surface. Production casing will be a tapered 5 1/2 and 4 1/2" string, also cemented to the surface. Well will be perforated and sand frac'd for production.

Mud Program: FW Gel & LCM to 1120', Fresh water to TD.

BOP Program: BOP's will be installed on the 7" casing & tested.

**APPROVAL VALID**  
**FOR 90 DAYS UNLESS**  
**DRILLING COMMENCED,**

**EXPIRES** 2-22-79

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. 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 Eddie M. Malford Title Engineer Date November 21, 1978  
(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE NOV 22 1978  
CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to  
surface behind 7" 4 1/2" casing

Notify N.M.O.C.C. in sufficient  
time to witness cementing  
the 7" casing