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NEW MEXICO OIL CONSERVATION COMMISSION

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.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Edison Ranch KL	
2. Name of Operator Yates Petroleum Corporation		9. Well No. 1	
3. Address of Operator 207 S. 4th Street, Artesia, New Mexico 88210		10. Field and Pool, or Wildcat Undesignated	
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>22</u> TWP. <u>16S</u> RGE. <u>35E</u> NMPM		12. County Lea	
19. Proposed Depth 11,700		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3978.2	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Forster Drilling Co.	
22. Approx. Date Work will start 2 March '79			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/2"	13 3/8"	48# J-55	Approx 400	300 sx	Circulate
12 1/4" or 11"	8 5/8"	24# J-55	Approx 4550	1600 sx	Circulate
7 7/8"	4 1/2" or 5 1/2"	10.5 - 11.6# or 15.5 - 17#	to TD	300 sx	

We propose to drill and test the Morrow formation and intermediate zones. Approximately 400' of surface casing will be set, cement will be circulated to shut off gravel and cavings. Intermediate casing will be set approximately 50' into the San Andres and cement circulated. If productive, 4 1/2" or 5 1/2" casing will be run and cement.

MUD PROGRAM: FW Gel to 400', native mud to 500', brine-starch-driskpak-oil to 10200', brine-flosal-driskpak to TD.

BOP PROGRAM: BOP's to be installed on intermediate casing and tested pipe rams daily.

GAS NOT DEDICATED

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 Edie M. Bradford Title Engineer Date 2/6/79

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE FEB 9 1979

CONDITIONS OF APPROVAL, IF ANY: