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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
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JUN 4 1974

30-615-21237

Form C-101
Revised 1-4-65

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 Powell "DC" 2.	
9. Well No. 1	
10. Field and Pool, or Wildcat Wildcat	
12. County Bddy	
19. Proposed Depth Approx 8700'	19A. Formation Morrow
20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 3490' GR	21B. Drilling Contractor Ard Drilling Company
22. Approx. Date Work will start 2 or 3 weeks	

O. C. C.
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator Yates Petroleum Corporation	
3. Address of Operator 207 South 4th Street - Artesia, NM 88210	
4. Location of Well UNIT LETTER 0 LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 35 TWP. 17S RGE. 25E NMPM	
21. Elevations (Show whether DF, RT, etc.) 3490' GR	
21A. Kind & Status Plug. Bond Blanket	
21B. Drilling Contractor Ard Drilling Company	
22. Approx. Date Work will start 2 or 3 weeks	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13-3/8"	48#	Approx 400'	Circulate	
12¼"	8-5/8"	24#	" 1300'	Circulate	
7-7/8"	4½ or 5½"	9.5 or 11.6 or 15.5-17#	" 8700'	250 sx.	

It is our intention to drill a Morrow Test to approx. 8700'. 13-3/8" casing will be set at approx. 400' and cement circulated, to prevent caving, 8-5/8" intermediate casing will be set 100' below the Artesian water zone and cement circulated. If commercial production is encountered 5½" or 5½" production casing will be run and cemented.

Mud Program: - FW gel & LCM to 1300', water to 6200', Flosal & Drispak from 6200' to Total Depth.
BOP Program: - BOP's will be installed on 8-5/8" casing, pipe rams daily and blind rams on trips.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
9-4-74.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION AND PROPOSED NEW PRODUCTION. 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 Edgar M. Wright Title Engineer Date 6-4-74

(This space for State Use)

APPROVED BY W. A. Grewett TITLE OIL AND GAS INSPECTOR

CONDITIONS OF APPROVAL, IF ANY:

minimum WCC time
18 hrs.

Cement must be circulated to
surface in 13 3/8" + 8 5/8" casing

Notify N.M.O.C.C. in sufficient
time to witness cementing

6/5/74