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NEW MEXICO OIL CONSERVATION COMMISSION

JUN 15 1979

O. C. C.
ARTESIA, OFFICE

30-015-21472

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
K-4942	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> 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"/>		8. Farm or Lease Name Arco EC State	
2. Name of Operator Yates Petroleum Corporation		9. Well No. 1	
3. Address of Operator 207 South 4th Street - Artesia, NM 88210		10. Field and Pool, or Wildcat Und. Eagle Creek Permo Penn.	
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>2310</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>36</u> TWP. <u>17S</u> RGE. <u>25E</u> NMMPM		12. County Eddy	
19. Proposed Depth approx 5700'		19A. Formation Permo Penn	
20. Rotary or C.T. Service Unit		21. Elevations (Show whether DF, RT, etc.) 3470' KB	
21A. Kind & Status Plug. Bond -		21B. Drilling Contractor -	
22. Approx. Date Work will start As soon as approved			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	12-3/4"	34#	376'	250 sacks	Circulate
11"	8-5/8"	24#	1276'	1150 sacks	Circulate
7-7/8"	5½"	17 & 15.5#	8678'	200 sacks	7800'

This well is marginal in Eagle Creek-Strawn and being drained by offset well in the Eagle Creek-Permo Penn. We propose to temporarily abandon the Strawn Completion by setting a retrievable bridge plug between the Strawn and Cisco formations, then perforate and stimulate the Permo Penn for production, perforations at 6534-41, 6546-50 and 6608-17'. After establishing reserves in the Strawn and Permo Penn completions, will consider downhole commingling for conservation and protection of correlative rights.

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 W. A. G. Gussert Title Engineer Date 6-13-79

(This space for State Use)

APPROVED BY W. A. G. Gussert TITLE SUPERVISOR, DISTRICT II DATE JUN 18 1979

CONDITIONS OF APPROVAL, IF ANY: