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MAR 23 1977 NEW MEXICO CONSERVATION COMMISSION

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O. C. C.  
ARTESIA, OFFICE  
AMENDED REPORT

*Amended Application*

Form C-101  
Revised 1-1-65

|                                                                                                       |
|-------------------------------------------------------------------------------------------------------|
| 5A. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FILE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>K-6596                                                                |
| 7. Unit Agreement Name                                                                                |
| 8. Form or Lease Name<br>State "HA"                                                                   |
| 9. Well No.<br>1                                                                                      |
| 10. Field and Pool, or Whichever<br>Artesia Grayburg                                                  |
| 11. County<br>El Paso                                                                                 |
| 12. Field Depth<br>Approx 2600'                                                                       |
| 13. Formation<br>Grayburg                                                                             |
| 14. History of C.T.<br>Cable Tool                                                                     |
| 21. Elevations (Show whether DT, RT, etc.)<br>3433' GR                                                |
| 21A. Blank & Status Plug, Bond<br>Blanket                                                             |
| 21B. Drilling Contractor<br>Clyde Tidwell Drilling Co.                                                |
| 22. Approx. Date Work will start                                                                      |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                                                                                                                                                                                                                     |                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 1a. Type of Work<br>b. Type of Well<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/><br>SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> |
| 2. Name of Operator<br>Yates Petroleum Corporation                                                                                                                                                                                  |                                                                                                              |
| 3. Address of Operator<br>207 South 4th Street - Artesia, NM 88210                                                                                                                                                                  |                                                                                                              |
| 4. Location of Well<br>UNIT LETTER C LOCATED 660 FEET FROM THE South LINE<br>AND 1980 FEET FROM THE East LINE OF SEC. 2 T4N. 19S R6E. 28E                                                                                           |                                                                                                              |
| 21. Elevations (Show whether DT, RT, etc.)<br>3433' GR                                                                                                                                                                              |                                                                                                              |
| 21A. Blank & Status Plug, Bond<br>Blanket                                                                                                                                                                                           |                                                                                                              |
| 21B. Drilling Contractor<br>Clyde Tidwell Drilling Co.                                                                                                                                                                              |                                                                                                              |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 15 1/2"      | 13-3/8"        | 61#             | Approx 350'   | Circulate       |          |
| 12 1/2"      | 8-5/8" or 7"   | 24# or 20#      | " 2600'       | Circulate       |          |

After encountering caving conditions in the hole we propose to change the casing program in this well as submitted above.

The well will be drilled to approx. 2600' to test the Grayburg sands. Approx. 350' of surface casing will be set and cement circulated. If commercial pay is encountered will set either 8-5/8" or 7" casing at approx 2600' TD, cement will be circulated, then perforate and stimulate as needed for production. If non-commercial will deepen well to approx. 11500' to test the Morrow formation at a later date.

BOP Program: - Control head will be installed on 13-3/8" casing prior to drilling into the Grayburg pay.

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 Christine Tomlinson Title Geol. Secty Date 3-22-77  
(This space for State use)

APPROVED BY W A Gressitt TITLE SUPERVISOR, DISTRICT II DATE MAR 23 1977

CONDITIONS OF APPROVAL, IF ANY: