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LAND OFFICE
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NMBM

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE [X] FEE []
5. State Oil & Gas Lease No.
L6331

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well
DRILL [X] DEEPEN [] PLUG BACK []
OIL WELL [X] GAS WELL [] OTHER []
c. Name of Operator
Rio Petro, Ltd.
d. Address of Operator
4835 LBJ Freeway, Suite 635, Dallas, Texas 75234
4. Location of Well
UNIT LETTER 0 LOCATED 810 FEET FROM THE South LINE
AND 1,650 FEET FROM THE East LINE OF SEC. 15 TWP. 11 N RGE. 25E NMPM
15. Proposed Depth
1,100 ft.
16A. Formation
Glorieta
20. Rotary or C.T.
Rotary
21. Elevations (Show whether DT, RI, etc.)
4585.0' GL
21A. Kind & Status Plug. Bond
Blanket
21B. Drilling Contractor
Unknown
22. Approx. Date Work will start
October 30, 1983

7. Unit Agreement Name
8. Form or Lease Name
State
9. Well No.
16
10. Field and Pool, or Wildcat
Wildcat
12. County
Guadalupe

PROPOSED CASING AND CEMENT PROGRAM

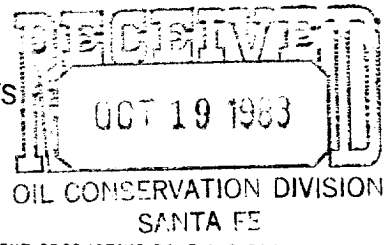
Table with 6 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, SACKS OF CEMENT, EST. TOP. Rows include 16", 12 1/4", 7 5/8" hole sizes with corresponding casing and cement data.

Investigation of wells drilled within the immediate vicinity indicate there are no high pressure zones in this area. However, during drilling operations, precaution will be taken by installing a drilling head to control high pressures.

* Plans are to pull 8 5/8" casing prior to cementing 5 1/2" casing.

COLLECT AND BACK SYSTEMS FOR NEW MEXICO BUREAU OF MINES, GEOSCIE AT AT LEAST TEN FOOT INTERVALS

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 1-6-84
UNLESS DRILLING UNDERWAY



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 Charles C Joy Title Agent Date October 17, 1983

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE 11/7/83

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION TO BE NOTIFIED WITHIN 24 HOURS OF BEGINNING OPERATIONS

