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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE 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 DEEPEN PLUG BACK
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

7. Unit Agreement Name

8. Firm or Lease Name
State

2. Name of Operator
Rio Petro, Ltd.

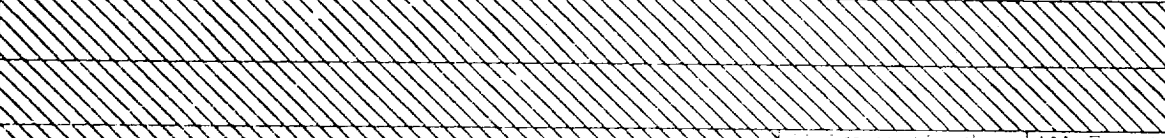
9. Well No.
16

3. Address of Operator
4835 LBJ Freeway, Suite 635, Dallas, Texas 75234

10. Field and Pool, or Wildcat
Wildcat

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

12. County
Guadalupe



18. Proposed Depth 1,100 ft.	19A. Formation Glorieta	20. Rotary or C.T. Rotary
21. Elevations (Show whether DL, RI, etc.) 4585.0' GL	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Unknown
		22. Approx. Date Work will start October 30, 1983

PROPOSED CASING AND CEMENT PROGRAM

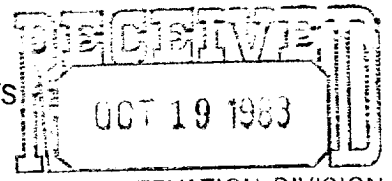
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
16"	13 3/8"	48#	30'	15	Surface
12 1/4"	8 5/8"	23#	450'	23	390'
7 5/8"	5 1/2"	14#	1,100'	250	Surface

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 MINERAL RESOURCES AT AT LEAST TEN FOOT INTERVALS

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



OIL CONSERVATION DIVISION SANTA FE

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 Carl Weber TITLE ASST DATE 11/7/83

CONDITIONS OF APPROVAL, IF ANY:

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

All data on this form is to be filled in by the operator of the well.

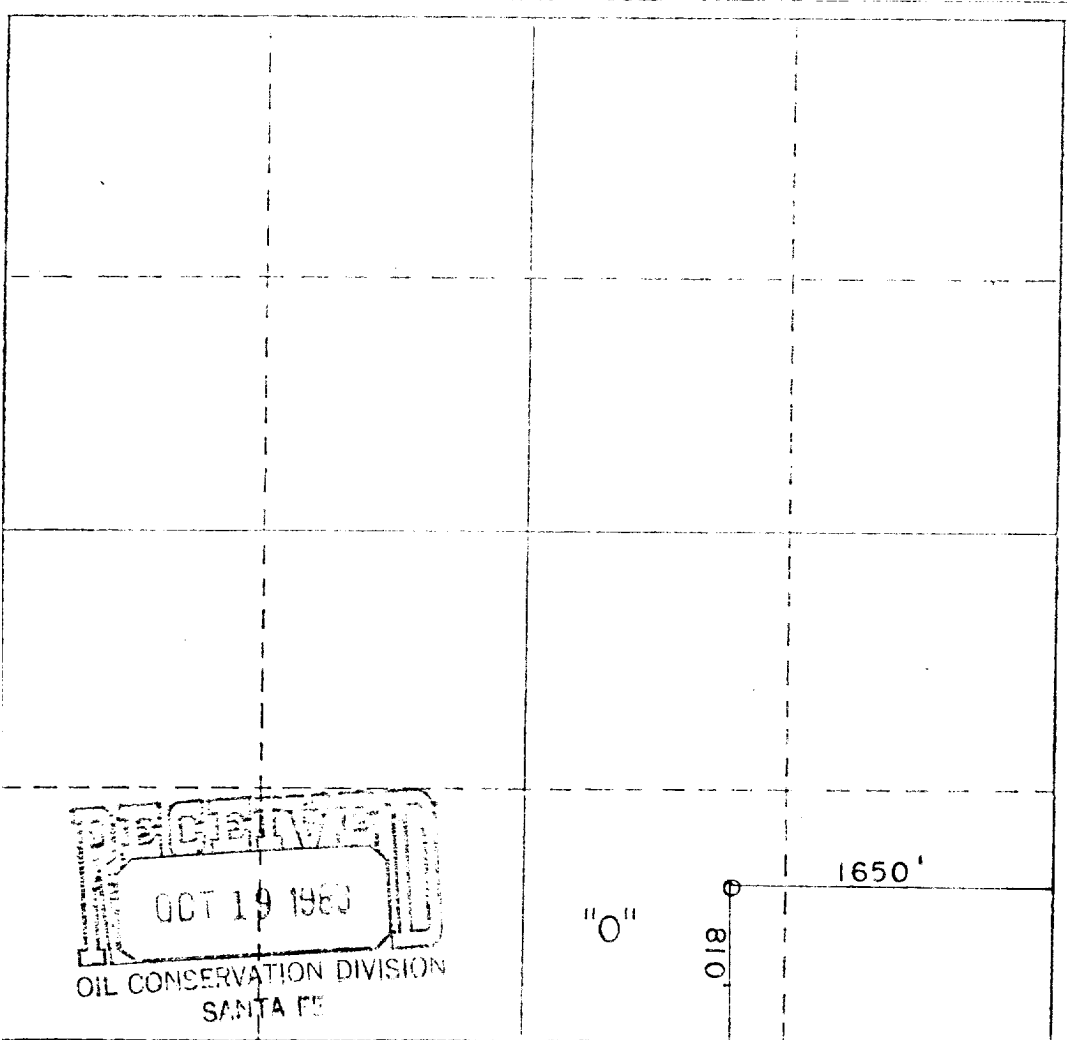
Operator Rio Petro Ltd.		Lease State		Well No. 16	
Section "C"	Foot 15	Section 11 North	Foot 25 East	County Guadalupe	
Acres of Section Located to Well 810		Section South		Foot 1650	
Ground Level Elev. 4585.0		Producing Formation Wildcat		Dedicated Acreage: 40	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, forced-pooling, etc.?

Yes No If answer is "yes" type of consolidation: _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable well be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



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OCT 19 1983
OIL CONSERVATION DIVISION
SANTA FE

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name: **Charles C Joy**
Position: **Agent**
Company: **Rio Petro, Ltd**
Date: **10-17-83**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

October 4, 1983

Date Surveyed: **W. Ball Shewell**
Registered Professional Engineer and/or Land Surveyor

Certificate No. **L.S. 1566**