

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

30-005-60948  
Form C-101  
Revised 1-1-65

APR 27 1981

O. C. O.  
ARTESIA, OFFICE

5A. Indicate Type of Lease  
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.  
L 3342

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Barnes-State
2. Name of Operator Orla Petco, Inc.		9. Well No. 2
3. Address of Operator c/o Box 953, Midland, Texas 79702		10. Field and Pool, or Wildcat Wildcat (Queens)
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>2310</u> FEET FROM THE <u>N</u> LINE AND <u>990 W</u> FEET FROM THE <u>W</u> LINE OF SEC. <u>34</u> TWP. <u>10S</u> RGE. <u>27E</u> NMPM		12. County Chaves
19. Proposed Depth 1250'		19A. Formation Queens
20. Rotary or C.T. Cable Tool		21. Elevations (Show whether DF, RT, etc.) 3766 GL
21A. Kind & Status Plug. Bond Blanket Bond		21B. Drilling Contractor Hopi Drilling Co.
22. Approx. Date Work will start April 27, 1981		

23.

### PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12"	8 5/8"	24#	450'	250 sx	Surface
8"	4 1/2"	9.5#	1250'	400 sx	Surface

Propose to drill to a TD of 1250' to test the Queens formation utilizing Cable Tool Drilling Rig. If production is indicated, will run 4 1/2" casing in attempt to complete.

Blow out preventer: Blind Ram Cable Tool control head.

APPROVAL VALID FOR 180 DAYS  
PERIOD EXPIRES 10-28-81  
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 Paul J. Galt Title Agent Date 4-23-81  
(This space for State Use)

SUPERVISOR, DISTRICT II

APPROVED BY W. A. Gressett TITLE \_\_\_\_\_ DATE 4-28-81  
CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

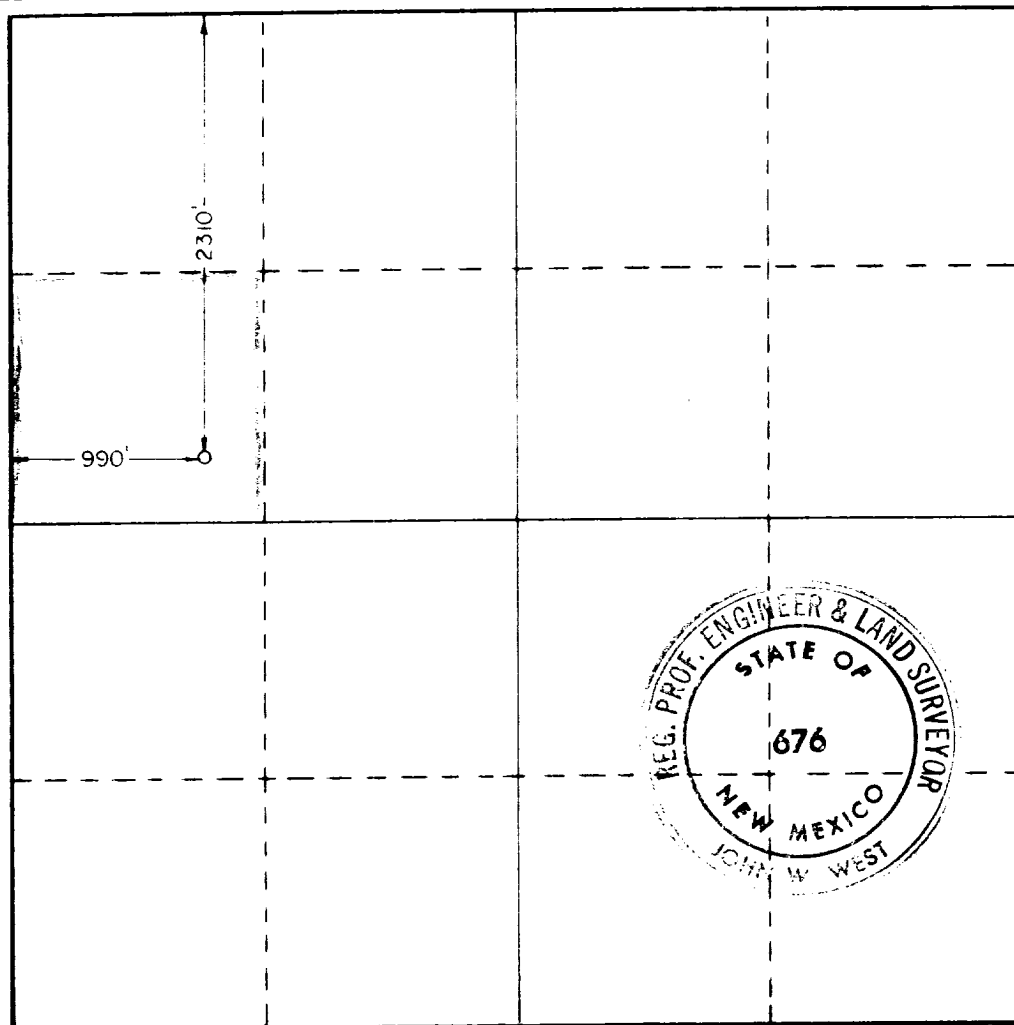
Operator <b>Orla Petco Inc.</b>			Lease <b>Barnes State</b>		Well No. <b>2</b>
East Letter <b>E</b>	Section <b>34</b>	Township <b>10 South</b>	Range <b>27 East</b>	County <b>Chaves</b>	
Actual Footage Location of Well: <b>2310</b> feet from the <b>north</b> line and <b>990</b> feet from the <b>west</b> line					
Ground Level Elev. <b>3776.4</b>	Producing Formation <b>PENROSE (QUEENS)</b>		Foot <b>UND. (QUEENS)</b>		Dedicated Acreage: <b>40</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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, force-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 will 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 Commission.



**CERTIFICATION**

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

Name **James M. C. Ritchie Jr.**  
 Position **VICE - PRESIDENT**  
 Company **ORLA - PETCO, INC.**  
 Date **APRIL 27, 1987**

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.

Date Surveyed  
**April 25, 1980**  
 Registered Professional Engineer  
 and/or Land Surveyor

**John W. West**  
 Certificate No. **JOHN W. WEST 676**  
**PATRICK A. ROMERO**  
**Ronald J. Eldred**

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600