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Form C-105
Revised 11-1-80

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. L-3342

1a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>	<div>RECEIVED</div> <div>APR 08 1981</div> <div>G. C. D.</div> <div>ARTESIA, OFFICE</div>
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>	

2. Name of Operator Orla Petco, Inc.	7. Unit Agreement Name
3. Address of Operator P.O. Box 953, Midland, Texas 79702	8. Farm or Lease Name Barnes-State
4. Location of Well	9. Well No. 1

UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM	10. Field and Pool, or Wildcat Undesignated (Queen)
THE West LINE OF SEC. 34 TWP. 10S RGE. 27E NMPM	12. County Chaves

15. Date Spudded 12/28/80	16. Date T.D. Reached 1/30/81	17. Date Compl. (Ready to Prod.) 2/22/81	18. Elevations (DF, RKB, RT, GR, etc.) 3765.8' GR.	19. Elev. Casinghead 3766.8'
20. Total Depth 2117'	21. Plug Back T.D. 1201'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools Cable Tools XXXXXXX	
24. Producing Interval(s), of this completion - Top, Bottom, Name 1153' - 1166' Queen (Penrose)				25. Was Directional Survey Made NO

26. Type Electric and Other Logs Run Schlumberger Sidewall Neutron Porosity Log	27. Was Well Cored No
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28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	23#	450	12 1/4"	460 sx Class C 2% CaCl	None
4 1/2"	9.5#	1244.68'	8"	320 sx Class H 2% CaCl	NONE

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	1140.0'	None

31. Perforation Record (Interval, size and number) 1153'-1157' and 1160'-1166'	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 1153'-1157', 1160'-1166' - 1000 gals. 10% MCA acid 8,000 gals. 2% gelled KCL water, 8,000 gals. CO₂ 24,500# 10/20 and 20/40 sand.
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33. PRODUCTION							
Date First Production 2/22/81		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 2/22/81	Hours Tested 24	Choke Size 12/64	Prod'n. For Test Period 65	Oil - Bbl. 65	Gas - MCF 5	Water - Bbl. 0	Gas-Oil Ratio 77/1
Flow Tubing Press. 75#	Casing Pressure 75#	Calculated 24-Hour Rate 65 bbls.	Oil - Bbl. 5	Gas - MCF 0	Water - Bbl. 17°	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented	Test Witnessed By James M.C. Ritchie, Jr.
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35. List of Attachments One copy of Electric Log run on well
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36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED James M.C. Ritchie, Jr.	TITLE Vice-President	DATE March 3, 1981
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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>452'</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>890'</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>1400'</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>1153'</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>Absent</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinobry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>1153'</u> to <u>1166'</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <u>135</u> to <u>145</u> feet	_____
No. 2, from _____ to _____ feet	_____
No. 3, from _____ to _____ feet	_____
No. 4, from _____ to _____ feet	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	452	452	Red Shale & Anhydrite				
452	890	438	Anhydrite				
890	1400	510	Salt & Sand				
1400	1750	350	Anhydrite & Shale				
1750	2117	367	Anhydrite & Sand				