N.M.O.C.D. COPY

Form 9-330
(Rev. 5-68)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM-30-026684

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEEMENT NAME:

8. FARM OR LEASE NAME: Gourley-Federal

9. WELL NO.: 5

10. FIELD AND POOL, OR WILDCAT: Herradura Bend (Delaware)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec 31, T-22-S, R-28-E

12. COUNTY OR PARISH: Eddy

13. STATE: New Mexico

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

RECEIVED MAY 15 1981 O. C. D. ARTESIA, OFFICE

2. NAME OF OPERATOR: Orla Petco, Inc.

3. ADDRESS OF OPERATOR: c/o Box 953, Midland, Texas 79702

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)
At surface: 1650' FSL and 1650' FEL
At top prod. interval reported below: same
At total depth: same

RECEIVED MAY 11 1981 OIL & GAS GEOLOGICAL SURVEY U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO

14. PERMIT NO.: DATE ISSUED 10-14-80

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
2-6-81	3-10-81	4-12-81	3056.5 GL	3055.5

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
2463	-	no	→		X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 2450-2463' ~~Open hole~~ DELAWARE SAND

25. WAS DIRECTIONAL SURVEY MADE: no

26. TYPE ELECTRIC AND OTHER LOGS RUN: Van Tool Company-Gamma Ray log

27. WAS WELL CORED: no

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	23#	361'	12 1/4"	250 sx Cl C	none
4 1/2"	9.5#	2450'	8"	250 sx Cl C	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	2440'	

ACCEPTED FOR RECORD ROGER A. CHAPMAN MAY 13 1981 U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO

31. PERFORATION RECORD (*Interval, size and number*): Open hole - 2450'-2463'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	None

APR 29 1981

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
4-13-81	Pumping - Jenson 40B	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-15-81	24	-		35	3	1	86-1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
pumping	pumping		35	3	1	40

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): NONE

TEST WITNESSED BY: J.M.C. Ritchie, Jr.

35. LIST OF ATTACHMENTS: none

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [signature] TITLE Agent DATE 4-27-81

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General [illegible] submitting a complete and correct well completion report and log on all types of [illegible] and [illegible] leases to either a Federal agency or a State agency, or both, [illegible] Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, [illegible] regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal [illegible] office. [illegible] instructions on items 22 and 24, and [illegible] below regarding separate reports for separate completions.

[illegible] this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), [illegible] and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments [illegible] be listed on this form, see item 35.

[illegible]: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement"*: Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
		2115	BASE OF SALT
	2355		BLACK SHALE
	2450	[illegible]	DELAWARE SAND
			NO CORING
			NO DRILL STEM TEST

38. GEOLOGIC MARKERS

NAME	TOP: MEAS. DEPTH	TOP: TRUE VERT. DEPTH