Form 9-330
(Rev. 5-63)

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*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other P & A

2. NAME OF OPERATOR
Cleary Petroleum, Inc.

3. ADDRESS OF OPERATOR
1374 First Nat'l. Bldg, Oklahoma City, Oklahoma 73102

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface

At top prod. interval reported below

At total depth

5. LEASE DESIGNATION AND SERIAL NO.
NM 052207

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Wheeler

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 6-T3N-R16W NMPM

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
	10-22-63	Catron	N. Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
11-10-63	11-22-63		6684 DF-6680 GL-6686 KB	

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
2605 T.D.			→	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
None

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
Electric, Sonic, Gamma Ray, Caliper

27. WAS WELL CORED
Yes

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"	28#	96'	11"	Cemented w/ 50 sks.	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)
NONE

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
NONE		

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

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

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED Chas. D. Cleary TITLE Secretary DATE 2-13-64

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable 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, particularly with 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 and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: 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.
			No drill stem test's were taken. The attached copies of Sample Descriptions will show zones of porosity and a copy of the cored intervals is also attached.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

SAMPLE DESCRIPTIONS

Cretaceous
Mesa Verde 0 - 695

0 - 30 = gray clay shales and conglomeratic sand
30 - 50 = gray clay shales with black carbonaceous layers
50 - 60 = conglomeratic, quartzitic sand, some frosted grains
60 - 75 = gray shale
75 - 80 = gray shale with thin brown limestone bed
80 - 100 = gray shale
100 - 110 = gray shale with thin carbonaceous zones
110 - 135 = quartzitic, conglomeratic sand
135 - 160 = slightly sandy gray shale
160 - 180 = gray shale with black carbonaceous zones
180 - 190 = gray shale
190 - 200 = gray shale with a thin pyritic coal seam
200 - 210 = sandy gray clay shale
210 - 240 = fairly fine to meduim poorly sorted dirty shaly sand with some carbonaceous matter
240 - 400 = gray shale with a few thin sandy zones
400 - 410 = hard fine sand
410 - 465 = gray shale with a few thin sandy zones
465 - 475 = fairly fine shaly sand and sandy shale slightly calcareous
475 - 510 = gray clay shale
510 - 520 = gray shale with a thin coal seam
520 - 560 = fine size dirty shaly sand and sandy shale with some carbonaceous matter
560 - 562 = good coal
562 - 610 = fine quartzose varicolored sand, traces of medium sand, some mica, some pyrite and traces of coal
610 - 640 = sandy shale and shaly sand as above
640 - 650 = sand as above
650 - 695 = fine size broken sandy shale and shaly sand

Mancos 695 - 1030

695 - 835 = light gray clayey to dark gray to blocky black shales
835 - 950 = shales as above with a few fine sandy zones
950 -1030 = shales as above

Dakota 1030 - 1250

1030 - 1065 = fine and medium size porous sand, angular to sub-rounded, some glauconite
1065 - 1130 = gray shale with thin zones of fine silty sand with shale pebbles, traces of glauconite
1130 - 1210 = fine white sand with carbonaceous streaks
1210 - 1220 = shale
1220 - 1250 = fine size white sand with shaly and carb. zones

Triassic
Chinle 1250 - 2240
(Moenkopi top = ?)
1250 - 2240 = light green to reddish brown to brick red clay, clay shales and siltstones at 1335, 1375, 1405, 1475. traces of limestone nodules, calcite inclusions and thin sandy and silty zones 1535-90. thin limestone at 1720. sandy zones 1810-1870.

2140 - 2240 = clay shales and siltstones as above with unconformity material, limestone pebbles and calcite.

Permian
San Andreas 2240 - 2586
2240 - 2270 = Weathered shaly limestone, no visible porosity
2270 - 2586 = slightly chalky, slightly dolomitic, finely crystalline, white to buff limestone, some calcite inclusions (not veining), no porosity or permeability, no stainings, limestone fluorescence, no mud logger shows.

Glorieta 2586 - 2605 T.D.
2586 - 2605 = fairly fine, fairly well sorted, angular to sub-rounded sandstone, slightly calcareous in top few feet, good porosity and excellent permeability, no stain, odor, cut, fluorescence or mud logger shows.

DIAMOND CORES

Strata-core
Farmington, New Mexico
One 6 5/8 x 3 1/2 core head
total of 73 feet cut
full recovery
50 R.P.M. & 20,000 Lb. Wt., 200 Lb. pump pressure

Core No. 1 2144 - 2165
recovery = 21 feet of blue-gray to brick red clayey shales and siltstones
average coring time 17 Min./Ft.

Core No. 2 2543 - 2569
recovery = 26 feet of finely crystalline buff to brown limestone, slightly dolomitic, some calcite inclusions. no permeability or porosity, no fractures
average coring time 10 Min./Ft.

Core No. 3 2569 - 2595
recovery = 26 feet, 2569-86 = limestone as core No. 2
2586-95 = Glorieta sandstone, fairly fine, fairly well sorted, angular to sub-rounded sandstone, slightly calcareous 2586-92. good porosity and permeability, no showings.

average coring time for limestone = 12 Min./Ft.
for sandstone = 5 Min./Ft.

Cores were not analyzed because there were no showings, mud logger showed no gas.

Two sets of samples were chipped from each foot of core, one set for Cleary and one for Continental. The remainder of the cores were thrown into the circulating pit the day the well was plugged and abandoned.