Form 9-330
(Rev. 5-63)

N. M. O. C. C. COPY

Copy to SF ✓

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 [X] GAS WELL [ ] DRY [ ] Other

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

2. NAME OF OPERATOR: Leonard Latch

3. ADDRESS OF OPERATOR: 1812 Texas Ave. Lubbock, Texas 79401

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 700' S 1980' East Sec. 23 Twn 178 R 27E
At top prod. interval reported below
At total depth

RECEIVED JAN 12 1977 O. C. C. ARTESIA, OFFICE

5. LEASE DESIGNATION AND SERIAL NO.: 025527
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Berry
9. WELL NO.: 30
10. FIELD AND POOL, OR WILDCAT: ~~Empire~~ Red Lake Q-G-SA
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 23 Twn 178 R 27E
12. COUNTY OR PARISH: Eddy
13. STATE: N. Mex.

14. PERMIT NO.: 7-7-75

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-13-75	8-4-75	12-15-76		

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
2210'	~~2195~~ 2095'		→		

RECEIVED JAN 03 1977 U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
1605-22
~~1604-1623~~ Greyburg

25. WAS DIRECTIONAL SURVEY MADE: no

26. TYPE ELECTRIC AND OTHER LOGS RUN: Gamma Ray

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"		406'	12"	150 Sx.	
7"		1193'	8"	250 Sx.	
4 ½		2210	6"	210 Sx.	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2"	2000'	none

31. PERFORATION RECORD (*Interval, size and number*)
cog 1605-1622 1 shot per ft.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1605-1622	8,000 gal acid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
12-4-76	Pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-4-76	24			3.25	Small	35	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
no	no		3.25		35	28.2

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Log

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

SIGNED [signature] TITLE Accountant DATE 12-23-76

*(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	From	To	Thickness in Feet	Formation
	0	170		Surface Salt & Shale
	170	206		Sandy Shale
	206	280		Sand
	280	400		Anhydrate & Salt
	400	452		Anhydrate
	452	476		Yates Sand
	476	535		Anhydrate & Shale
	535	580		Anhydrate
	580	700		Anhydrate Shale & Sand
	700	800		Anhydrate Shale & Sand
	800	980		Anhydrate Shale & Sand
	980	1050		Anhydrate Shale
	1050	1108		Anhydrate
	1108	1138		Queen Sand
	1138	1204		Anhydrate & Sand
	1204	1300		Anhydrate
	1300	1400		Anhydrate
	1400	1550		Anhydrate & Sand
	1550	1606		Anhydrate & Sand
	1606	1624		Sand Lime (Grayburg)
	1624	1698		Sand Lime
	1698	2194		Dolomatic Lime (San Andres)

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH