

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.

5. LEASE DESIGNATION AND SERIAL NO.

LC-068261-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Russell Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

East Mason Delaware

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 20, T26S, R32E

12. COUNTY OR PARISH

Lea

13. STATE

N. M.

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 _____

2. NAME OF OPERATOR
William F. Grauten

3. ADDRESS OF OPERATOR
c/o Oil Reports & Gas Services, Box 763, Hobbs, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **865' FNL & 2333' FNL of Section 20**

At top prod interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED **3/9/67** 16. DATE T.D. REACHED **3/30/67** 17. DATE COMPL. (Ready to prod.) **4/3/67** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **3190 GL** 19. ELEV. CASINGHEAD **3192.5**

20. TOTAL DEPTH, MD & TVD **4376** 21. PLUG, BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS **0-4348** CABLE TOOLS **4348-76**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
4374-76 Delaware (Ramsay Sand) 25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
Gamma Ray-Neutron 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
7	23#	986	8 3/4	250	None
4 1/2	9.5#	4348	6 1/4	60	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	4354	No

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
	DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
None -- open hole	4374-76 100 gal acid, 1500 gal lease oil, 2250# sand

33.* PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
4/3/67	Flow	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
4/6-7/67	24	9/64	→	55	49.5	6	900
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
395-100	680-600	→	55	49.5	6	40.4	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented TEST WITNESSED BY
O. M. Williams

35. LIST OF ATTACHMENTS
2 copies electric log

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

SIGNED *H. L. Smith* TITLE **Agent** DATE **4/10/67**

*(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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
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			
38. GEOLOGIC MARKERS			
	NAME	MEAS. DEPTH	TOP TRUE-VERT. DEPTH
	Rustler	1437	
	Salado	1720	
	Castile	2323	
	Base Lower	4093	
	Castile Salt	4324	
	Lamar	4374	
	Ramsay		