

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved
Budget Bureau No. 42-R555.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐		1b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DEEP. RESVR. ☐ Other ☒ RE-Entry		5. LEASE DESIGNATION AND SERIAL NO. NM 05110-E	
2. NAME OF OPERATOR S. P. Yates ✓				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 207 South 4th Street - Artesia, New Mexico 88210				7. CITY ADDRESS NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 1650' FNL & 990' FEL Sec. 12-20S-26E At top prod. interval reported below At total depth				8. FARM OR LEASE NAME Riggs E	
14. PERMIT NO.				9. WELL NO. 2	
15. DATE SPUNDED 10-24-70				10. FIELD AND POOL, OR WILDCAT West McMillan S. R. Qn..	
16. DATE T.D. REACHED 10-28-70				11. SEC., T. R., M., OR CORNER AND SURVEY OR AREA Sec. 12-20S-26E Unit H NMPM	
17. DATE COMPL. (Ready to prod.) 11-28-70				12. COUNTY OR PARISH Eddy	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) * 3333 GL				13. STATE N. Mex.	
20. TOTAL DEPTH, MD & TVD 740'				19. ELEV. CASINGHEAD	
21. PLUG, BACK T.D., MD & TVD 682'				23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0'-740'	
22. IF MULTIPLE COMPL., HOW MANY *				25. WAS DIRECTIONAL SURVEY MADE No	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * 655-665 Queen				27. WAS WELL CORED No	
26. TYPE ELECTRIC AND OTHER LOGS RUN				28. CASING RECORD (Report all strings set in well)	
28. CASING RECORD (Report all strings set in well)				29. LINER RECORD	
29. LINER RECORD				30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number) 655-665' 2 shots/ft - Jets				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 655-665' AMOUNT AND KIND OF MATERIAL USED 720 gal HCL, 7500# 20-40 sand and 290 gal FW w/50#/1000 gal. Dowell Ready FRAC	
33. PRODUCTION				34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
33. PRODUCTION				35. LIST OF ATTACHMENTS	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.				36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.	

SIGNED Raymond Yates TITLE Engineer DATE 12-3-70

(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 23, 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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Bowers Sand Queen	409' 571'	