

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 50110-B 05110-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Riggs

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Wildcat 2ndes.

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

Sec. 12-20S-26E

Unit K NMPM

12. COUNTY OR PARISH

Eddy

13. STATE

N. Mex.

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  1966

2. NAME OF OPERATOR  
S. P. Yates ✓

3. ADDRESS OF OPERATOR  
309 Carper Building - Artesia, New Mexico 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 2310 FSL & 2300 FWL of Sec. 12-20S-26E  
At top prod. interval reported below  
At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 10-19-65 16. DATE T.D. REACHED 11-6-65 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3294 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 668' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY And Air ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Neutron & Sonic Log 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
10" Conductor Pipe		9'		3 SX	
7"	24# J-55	140'	6 1/4	50 SX	
5 1/2"	14# J-55	270'	6 1/4	15 SX	None
4"	11.6# J-55	668'	4 3/4	35 SX	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

524-529	6 shots/ft.
536-541	1 shot/ft.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
524-529	250 HCL acid
536-541	250 Reg acid
536-541	Squeeze 50 sx. 2% CaCl

33. PRODUCTION

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

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 Richard C. Norman TITLE Geologist DATE 8-8-66

\*(See Instructions and Spaces for Additional Data on Reverse Side)  
ccOrig. & 3 USGS  
ccFile

# 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 22.

**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 15:** 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) in 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. Show 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; CORRE 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	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Seven Rivers	117	180	Fresh water
Seven Rivers	210	220	Fresh water
Queen	508	568	Trace of oilw/some fresh water
<u>Queen sd</u>	<u>CORES</u>		
Core #1	512	527	Rec.15' SS w/some oil stng
#2	527	542	Rec.15' SS w/some oil stng
#3	542	557	Rec.15' SS partially stnd, looks wet at base
#4	557	572	Rec.15' - 9' SS ab. 6' Dol.
#5	572	587	Rec. 3' 3' Dol.
#6	587	592	Rec. 5' 3' Dol.
#7	592	602	Rec. 10' 3' Dol, 7' SS partly stnd
#8	602	617	Rec.15' 12' SS dolie trs stng, 3' Dol.

  

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Seven Rivers at surface			
Queen sd.	508		
CORES			
Core #9	617-623	Rec. 5'	Dol.
#10	624-638	Rec 7'	Dol.
#11	638-553	Rec.15'	Intbd dol.
SS w/occ stng in SS.			
#12	653-650	Rec.15'	10' SS w/occ 5' Dol.
stng.			