

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R855.5.

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 _____

2. NAME OF OPERATOR
Reading & Bates, Inc.

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
810 East County Road, Room 202, Odessa, Texas 79760

At surface **660 feet from the North & East lines**

At top prod. interval reported below

At total depth

14. PERMIT NO. _____

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U. S. GEOLOGICAL SURVEY
ALBUQUERQUE, N.M.

5. LEASE DESIGNATION AND SERIAL NO.

NM 054926

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N.A.

7. UNIT AGREEMENT NAME

N.A.

8. FARM OR LEASE NAME

R. & J. - Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec. 20, T12S, R31E

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

12-15-70

12-18-70

12-30-70

4133' GR

4142' DF

4194'

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

2675

2640

None

0-2675

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

2604-2609 - Queen

No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED

Borehole Compensated Sonic Log-Gamma Ray & Laterolog

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"	20#	334'	12 1/4"	300 sack reg. w/2% CC	
				Circ. 25 sack	None
4 1/2"	9.5#	2675'	7 7/8"	350 sack 50/50 Formix Incon w/2% Gal, 3/4 of 17CRF-268 salt/sack	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"	2560'	None

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

1 - .31" hole/ft. @ 2604-05-06-07-08-09

6 holes

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2604-2609	500 gals. 15% mud acid
2604-2609	15000 gals. oil, 15000# 20/40 sand, 5000# 10/20 sand, 250 gals. 15% mud acid, 500# Adomite Mark II, 50 gals. Blix

33.* **See Attached C-122** 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

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

3400 (AOF)

35. LIST OF ATTACHMENTS

2 - Borehole Compensated Sonic Log-Gamma Ray & Laterolog

4 ea. Inclination Report, C-122, Gas Analysis inc. Terra Fed.#1, Core Analysis & DST

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

SIGNED Paul D. Hanson TITLE Field Supervisor DATE 1-5-71

*(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 completions), 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		DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH			MEAS. DEPTH	TRUE VERT. DEPTH
Queen	2587	2620	Core Analysis attached	Anhydrite	1067	± 3076
	2597	2620.5	BSI attached	Yates Queen	1855 2604	± 2285 ± 1529

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 JAN 8 1971
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