

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-077004	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Collier & Collier		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 798, Artesia, New Mexico 88210		8. FARM OR LEASE NAME Collier Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 330' FSL & 2310' FEL At top prod. interval reported below Same At total depth Same		9. WELL NO. #1	
14. PERMIT NO.		13. STATE New Mexico	
15. DATE SPUDDED 2/16/81		10. FIELD AND POOL, OR WILDCAT Tonto Yates South	
16. DATE T.D. REACHED 2/18/81		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 19: T-19S, R-33E 330 FSL & 2310 FEL	
17. DATE COMPL. (Ready to prod.) 3/5/81		12. COUNTY OR PARISH Eddy	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3008 KB		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 3142		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS	
21. PLUG, BACK T.D., MD & TVD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Original Perforations 2982-94 Yates Sand 3072-3142 --Open-Hole	
22. IF MULTIPLE COMPL., HOW MANY*		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN None		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24#	252'	9 7/8"
5 1/2"	15.5#	3072'	7 7/7"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	3061	N/A	
31. PERFORATION RECORD (Interval, size and number) Completed Open-Hole from 3072-3142			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
O.H. 3072-3142		Natural	
33.* PRODUCTION			
DATE FIRST PRODUCTION 3/5/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
DATE OF TEST 3/6/81		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24hrs	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD →	OIL—BBL. 10
FLOW. TUBING PRESS. N/A	CASING PRESSURE N/A	CALCULATED 24-HOUR RATE →	GAS—MCF. TSTM
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TSTM		WATER—BBL. 1	
35. LIST OF ATTACHMENTS None		OIL GRAVITY-API (CORR.) N/A	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		TEST WITNESSED BY Joe Goodrich	
SIGNED <u>Donald Cruz</u>		TITLE <u>President</u>	
		DATE <u>3/20/81</u>	

\*(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 POROSITY ZONES:		38. (GEOLOGIC MARKERS	
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.
anhydrite salt  yates	surface	520	surface sand, caliche & red bed
	520	1195	sand & shale
	1195	1320	anhydrite
	1320	2730	salt
	2730	2930	anhydrite & sand
	2930	3067	sand & dolomite
	3067	3073	gray sand-show of oil
	3073	3093	sandy, gray lime-show of oil
	3093	3117	gray lime
	3117	3131	sandy dolomite
	3131	3138	gray lime
	3138	3142	dolomite-show of oil @ 3141'

NAME	TOP	
	MEAS. DEPTH	TRUE VERT DEPTH
Anhydrite	1195	
Salt	1320	
Yates	2930	