

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other
instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. M 077004													
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME													
2. NAME OF OPERATOR David C. Collier		7. UNIT AGREEMENT NAME													
3. ADDRESS OF OPERATOR Box 798, Artesia, New Mexico 88210		8. FARM OR LEASE NAME Federal 19													
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 230' from South line & 2310' from East line At top prod. interval reported below same At total depth same		9. WELL NO. 1													
14. PERMIT NO.		DATE ISSUED													
15. DATE SPUDDED 7-2-74		16. DATE T.D. REACHED 7-8-74													
17. DATE COMPL. (Ready to prod.) 7-10-74		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3008 KB													
19. ELEV. CASINGHEAD 2998		10. FIELD AND POOL, OR WILDCAT Monte Yates, South													
20. TOTAL DEPTH, MD & TVD 3076		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 19 T-19-S, R-33-E													
21. PLUG, BACK T.D., MD & TVD		12. COUNTY OR PARISH Lea													
22. IF MULTIPLE COMPL., HOW MANY*		13. STATE New Mexico													
23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2982-94 Yates Sand													
25. WAS DIRECTIONAL SURVEY MADE no		26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma ray-Neutron													
27. WAS WELL CORED Yes		ILLEGIBLE													
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"		24.7		232		9 7/8"		175 sacks		none					
5 1/2"		15.0		3072		7 7/8"		500 sacks		none					
29. LINER RECORD		30. TUBING RECORD													
Size		Top (MD)		Bottom (MD)		Sacks Cement*		Screen (MD)		Size		Depth Set (MD)		Packer Set (MD)	
none										2"		2955		none	
31. PERFORATION RECORD (Interval, size and number) 2982-94 2 shots/ft.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.													
		Depth Interval (MD)				Amount and Kind of Material Used									
		2982-94				500 gals. 15% HCL acid									
						30000 lbs sand									
						800 lbs Colloid water									
33.* PRODUCTION															
Date First Production 7-10-74		Production Method (Flowing, gas lift, pumping—size and type of pump) Pumping								Well Status (Producing or shut-in) Producing					
Date of Test 9-5-74		Hours Tested 24		Choke Size		Prod'n. for Test Period →		Oil—BBL. 5		Gas—MCF. none		Water—BBL. 10		Gas-Oil Ratio 200-1	
Flow. Tubing Press.		Casing Pressure pumping		Calculated 24-Hour Rate →		Oil—BBL. 5		Gas—MCF. none		Water—BBL. 10		Oil Gravity-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented												TEST WITNESSED BY			
35. LIST OF ATTACHMENTS core analysis															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.															
SIGNED Robert A. Keason				TITLE Geologist				DATE Sept 7, 1974							

*(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.)

Cored 2964--3024

Porous 2974--304

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			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	surface	520	surface sand, calciche & red bed			
	520	1190	sand & shale	T. shaly.	1190	
anhydrite	1190	1318	anhydrite	T. salt	1318	
salt	1318	2730	salt	B. salt	2730	
	2730	2930	anhydrite & sand	T. Yates	2930	
Yates	2930	3076	sand & dolomite			

OIL CONSERVATION COMM.
SEP 17 1953
60100, R. 11.