

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 ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. LC 058775	
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 Water-Flood Associates, Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 376, Artesia, N. M.		8. FARM OR LEASE NAME Mitchell	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 400' FWL & 1720' FSL, Sec. 5, T17S, R32E. At top prod. interval reported below At total depth		9. WELL NO. 3X	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT	
DATE ISSUED		11. SEC., T. R., M., OR BLOCK AND SURVEY OR AREA Sec. 5, T17S, R32E, N.M.P.M.	
12. COUNTY OR PARISH Lea		13. STATE N.M.	
15. DATE SPUDDED 1-25-64	16. DATE T.D. REACHED 2-7-64	17. DATE COMPL. (Ready to prod.) 2-19-64	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4065 RKB
19. ELEV. CASINGHEAD 4055	20. TOTAL DEPTH, MD & TVD 4040		
21. PLUG, BACK T.D., MD & TVD 4006		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		ROTARY TOOLS All	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3746-4010 Grayburg		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray - Sonic and Laterolog		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#	164'	11"
4-1/2"	11.6#	4040'	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
50 sx neat		500 sx Inceer	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD		PASSENGER SET (MD)	
SIZE	DEPTH SET (MD)		
2"	3981		
31. PERFORATION RECORD (Interval, size and number)			
One 1/2" jet @ each of the following: 3748, 3750, 3851, 3855 1/2, 3991, 3993, 3996, & 4002.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		DEPTH INTERVAL (MD)	
		3748-4002	
AMOUNT AND KIND OF MATERIAL USED			
1000 gallons BDA Acid,			
10,000 gallons water,			
10,200# Sand. 200# CSP,			
200# glass beads.			
33.* PRODUCTION			
DATE FIRST PRODUCTION 2-20-64		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 2-25-64	HOURS TESTED 24	CHOKE SIZE →	PROD'N. FOR TEST PERIOD 62
OIL—BBL. 12	GAS—MCF. 12	WATER—BBL. 36	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 62
GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel		TEST WITNESSED BY Jack Sayers	
35. LIST OF ATTACHMENTS Gamma Ray - Sonic & Laterolog logs - Toteco's			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Jack Sayers		TITLE Project Engineer	
DATE 2-28-64			

*(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 38, 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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Sand	3746	3752	Oil	Metex	3746	
"	3849	3858	Oil	Premier	3849	
"	3990	4010	Oil	San Andres	3862	
				Lovington	3990	