

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions 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. MM 0997	
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 Artes Oil & Gas Company				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 837, Hobbs, New Mexico 88240				8. FARM OR LEASE NAME Federal MA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit I, Section 21-186-33E 1980 FSL and 660 FHL At top prod. interval reported below At total depth				9. WELL NO. 2	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Undesignated	
15. DATE SPUNDED 4/24/67				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 21-186-33E N.M.P.M.	
16. DATE T.D. REACHED 6/13/67				12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 8/4/67				13. STATE New Mex.	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3041 DF				19. ELEV. CASINGHEAD 3986	
20. TOTAL DEPTH, MD & TVD 13,463		21. PLUG, BACK T.D., MD & TVD 13,436		22. IF MULTIPLE COMPL., HOW MANY* Two	
23. INTERVALS DRILLED BY →				ROTARY TOOLS All	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Lower Wolfcamp 11,092-11,217 (See other sheet for Morrow interval)				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Densilog-Gamma Ray-Caliper Dual Induction CT-Neutron & Bond log				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	349	17-1/2	300 gals	None
8-5/8	32	4,984	11	900 gals	None
5-1/2	20 & 17	13,461	7-7/8	1000 gals	None
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
None					
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2-1/16	11,840	None			
31. PERFORATION RECORD (Interval, size and number)					
11,092-62 4 hole 2/ft.		8 holes per ft.:			
11,170-80 2 holes 2/ft.		10,524-35			
11,194-202 "		10,534-46			
11,203-08 "		10,549-54			
11,212-17 "					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
11,170-11,217		3000 gals. acid			
11,092-62		2900 gals. acid			
10,524-54		500 gals. acid & squeezed			
		2/73 gals. ext. to 4000'			
33. PRODUCTION					
DATE FIRST PRODUCTION 8-4-67		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow			WELL STATUS (Producing or shut-in)
DATE OF TEST 8-5-67	HOURS TESTED 24	CHOKE SIZE 24/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 244	GAS—MCF. 88
FLOW. TUBING PRESS. 160	CASING PRESSURE 1000	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					
35. LIST OF ATTACHMENTS Logs					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED Lester L. Duke		TITLE District Superintendent		DATE August 7, 1967	

*(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 PRODUCT 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 TOP TRUE VERT. DEPTH
DET #1	10350	10460	T.O. 41 mins. Rec. 400' IF + 6230' SW 30 min. ISIP 3732 FF 1063-3811 - 60 min. FSIP 3803	Ellev.	3841 IF
DET #2	11030	11220	Mis-Run	Rustler	1450
DET #3	11162	11220	T.O. 125 mins. OWS 20 min. Rec. 720' o.d. & 450' IF 60 min. ISIP 1422 FF 163-494 60 min. FSIP 4270	Queen	4213
DET #4	12200	12400	T.O. 36 mins. Rec. 10' Drilg. mud 60 min. ISIP 224 FF 206-206 60 min. FSIP 206	Wolfcamp	10350
DET #5	12500	12685	T.O. 66 mins. Reversed out gas and one vol. GCM. ISIP 1412 30 mins. IF 296 3 mins. 2nd STP 2096 60 mins. 2nd FF 296-350 60 mins. FSIP 1794 60 mins.	Strawn	12102
				Morrow	12780