

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-034117 a	
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 ARCO Oil & Gas Company Division of Atlantic Richfield Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, New Mexico 88240		8. FARM OR LEASE NAME R. S. Crosby "A"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 660' FWL Unit Letter "M" At top prod. interval reported below As Above At total depth As Above		9. WELL NO. 3	
14. PERMIT NO. MAR 31 1981		10. FIELD AND POOL, OR WILDCAT Langlie Mattix 7R Qn	
15. DATE SPUDDED 12/8/80		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 28-25S-37E	
16. DATE T.D. REACHED 12/15/80		12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 2/23/81		13. STATE NM	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3023.61 GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 3400'		21. PLUG, BACK T.D., MD & TVD 3332'	
22. IF MULTIPLE COMPLETIONS, LIST INTERVALS DRILLED BY PETER W. CHESTER → 10-3400'		23. ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM NAME (MD AND TVD)* 3244-3297' 7Rivers Qn 3026-3197' 7Rivers Qn		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-N, CNL-FDC w/caliper & DLL, CBL		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9-5/8" OD	36# K-55	1103'	12 1/4"
7" OD	23# K-55	3400'	8-3/4"
CEMENTING RECORD			
550 sx Circ to surf			
1350 sx			
AMOUNT PULLED			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8" OD	3007'	-	
31. PERFORATION RECORD (Interval, size and number)			
3244-3297' = 7-.50" holes			
3026-3197' = 11-.50" holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
1114-1116'		250 sx C1 C cmt w/2% CaCl ₂	
(to circ cmt)		400 sx C1 C cmt w/.3% Halad-4,	
		.2% CFR ₂ , 10# salt/sk. 200 sx C1	
		C cmt w/7.3% Halad-4,.2% CFR ₂ , 10%	
33.* PRODUCTION (CONT'D ON ATTACHED SHEET)			
DATE FIRST PRODUCTION 1/01/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
DATE OF TEST 3/18/81		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24 hrs	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 46
			GAS—MCF. 108
			WATER—BBL. 120
			GAS-OIL RATIO 2348:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 46
			GAS—MCF. 108
			WATER—BBL. 120
			OIL GRAVITY API (CORR.) 30
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented-To be sold when permanent tank Battery is installed			
TEST WITNESSED BY Morgan Wolfe			
35. LIST OF ATTACHMENTS Logs as listed in Item 26 above and Inclination Report.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Jerry W. Schmidt</u>		TITLE <u>Dist. Drlg. Supt.</u>	
		DATE <u>3/26/81</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: "Seals 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	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Yates 7 Rivers Queen	2470' 2745' 3090'	

RECEIVED
APR 14 '81
OIL CONSERVATION DIV.