

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. 8F - 078478	
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 Atlantic Richfield Company		7. UNIT AGREEMENT NAME --	
3. ADDRESS OF OPERATOR 501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80295		8. FARM OR LEASE NAME Marron WN Federal Com.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface SW NW (Unit E) 1630' E/North & 1120' E/West lines At top prod. interval reported below Approx same At total depth Approx same API #30-045-22519		9. WELL NO. 1-A	
14. PERMIT NO. Mr. McGrath		DATE ISSUED 5/2/77	
10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 27-27N-8W	
12. COUNTY OR PARISH San Juan		13. STATE New Mexico	
15. DATE SPUDDED 8/12/77	16. DATE T.D. REACHED 8/20/77	17. DATE COMPL. (Ready to prod.) 10/31/77	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6105 GR
20. TOTAL DEPTH, MD & TVD 4705' MD		21. PLUG BACK T.D., MD & TVD 4655' MD	22. IF MULTIPLE COMPL., HOW MANY* Only 1
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Mesaverde - Top perfs 4476' Btm perfs 4637'		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIFL, CDLC/CM/GR, GR-Bond		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" OD	32#	287' KB	12-1/4"
5-1/2" OD	15.5#	4704' KB	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
250 sx		None	
1st stage - 250 sx		None	
2nd stage - 450 sx			
29. LINER RECORD None			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD		PACKER SET (MD)	
SIZE	DEPTH SET (MD)		
2-1/16"	4451'	None	
31. PERFORATION RECORD (Interval, size and number) Mesaverde 1 jet shot ea at: 4476, 4479, 4482, 4485, 4488, 4491, 4494, 4497, 4500, 4503, 4517, 4519, 4521, 4539, 4543, 4547, 4550, 4553, 4587, 4589, 4634, 4637, 22 holes.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4476-4637'		1500 gal 15% HCl	
4476-4637'		157,500 gal 20% KCl wtr w/160,500# sand w/friction reducer & fluid loss additives	
33.* PRODUCTION			
DATE FIRST PRODUCTION 10/29/77		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow thru tubing	
DATE OF TEST 11/8/77		WELL STATUS (Producing or shut-in) SI. NO connection	
HOURS TESTED 3 hrs	CHOKE SIZE 48/64"	PROD'N. FOR TEST PERIOD 3.1	GAS—MCF. 171
WATER—BBL. .6 (load)	GAS—OIL RATIO 55°		
FLOW. TUBING PRESS. 212#	CASING PRESSURE 480#	CALCULATED 24-HOUR RATE 25	GAS—MCF. 1368 MCFPD
WATER—BBL. 5 (load)		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold to El Paso Natural Gas Company		TEST WITNESSED BY C. R. Thompson, Jr.	
35. LIST OF ATTACHMENTS Daily History, electric logs.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED [Signature]		TITLE Opns. Info. Asst.	
DATE 11/9/77			

*(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 POROUS 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.	NAME	MEAS. DEPTH
					TOP
					TRUE VERT. DEPTH
				Pictured Cliffs	2192'
				Chacora	3118'
				Mesa Verde	
				Cliff House	3773'
				Mesa Fee	3849'
				Point Lookout	4469'
				Mancos	4638'