Form 9-330
(Rev. 5-63)

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*

5. LEASE DESIGNATION AND SERIAL NO.: NM - 03604

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: - -

7. UNIT AGREEMENT NAME: - -

8. FARM OR LEASE NAME: Marron GN Federal Comm.

9. WELL NO.: 6-A

10. FIELD AND POOL, OR WILDCAT: Largo Blanco Mesaverde & Chacra

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 24-27N-6W

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: Atlantic Richfield Company

3. ADDRESS OF OPERATOR: 501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80295

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: Unit I - 1850' FSL - 1500' f/South & 990' f/East lines Sec. 24
At top prod. interval reported below: Approx. same
At total depth: Approx. same

14. PERMIT NO.: Mr. McGrath — DATE ISSUED: 5-2-77

12. COUNTY OR PARISH: San Juan — 13. STATE: New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
8/24/77	9/4/77	12/03/77	6571'GR, 6584' KB	6571'GR

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5375' MD	5321' MD	Two	→	0 - 5375'	0

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Mesaverde - Top 5190' MD
Bottom 5304' MD

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIFL, CDL/GR, GR, 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	CEMENTING RECORD	AMOUNT PULLED
8-5/8" (used)	36#	266.15'	12-1/4"	250 sx Cl. "B"	None
5-1/2" CD	15.5#	5375.00'	7-7/8"	1st Stage - 225 sx	None
				2nd Stage - 500 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-1/16"	5162' KB	5150'

31. PERFORATION RECORD (Interval, size and number)
Mesaverde - 1 jet shot each at:
5304, 5303, 5301, 5286, 5284, 5216, 5214, 5212, 5210, 5208, 5206, 5204, 5202, 5200, 5198, 5196, 5194, 5192, 5190 (19 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5190' - 5304'	1500 gal 15% HCl
5190' - 5304'	Frac w/83,000 gal wtr w/ 80,000# sand

PRODUCTION

33.* Mesaverde

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
11/22/77	Flow thru 2-1/16" tubing	Shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/12/77	3 hrs.	3/4"		--	453 MCFPD in 3 hrs.	Negligible	--

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
78#	--		Spray w/LW	453 MCFPD	Load	--

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
To be sold to El Paso Natural Gas Co.

TEST WITNESSED BY: C. R. Thompson, Jr.

35. LIST OF ATTACHMENTS
Daily Well History; Schematic of Dual Compl'n.; Electric Logs; Form 9-330 f/Chacra Fm.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED [signature] TITLE Operations Info. Ass't. DATE 1-5-78.

*(See Instructions and Spaces for Additional Data on Reverse Side)

JAN 1978
OIL CON. COM.
DIST. 3

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 15: 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 22. 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Pictured Cliffs	2813'	
Chacra	3828'	
Mesaverde:		
Cliff House	4504'	
Menefee	4629'	
Point Lookout	5116'	
Mancos	5330'	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

GPO 683636