

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 ☒ Water Injection		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR The Atlantic Refining Company						5. LEASE DESIGNATION AND SERIAL NO. 14-20-600-3530	
3. ADDRESS OF OPERATOR Box 2197, Farmington, New Mexico						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo-Ute Mtn.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 33 SW (Unit N) 718' T&L & 2185' T&L Section 7 At top prod. interval reported below same At total depth same						7. UNIT AGREEMENT NAME Many Rocks Gallup Proj.	
14. PERMIT NO.						8. FARM OR LEASE NAME Many Rocks Project	
DATE ISSUED						9. WELL NO. 13	
15. DATE SPUNDED 10/8/64						10. FIELD AND POOL, OR WILDCAT Many Rocks Gallup	
16. DATE T.D. REACHED 10/11/64						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 7, T-31N, R-16W	
17. DATE COMPLETED 10/22/64						12. COUNTY OR PARISH San Juan	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5732'						13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 1750'		21. PLUG, BACK T.D., MD & TVD 1688'		22. IF MULTIPLE COMPL., HOW MANY*		19. ELEV. CASINGHEAD 5727	
23. INTERVALS DRILLED BY All						ROTARY TOOLS -	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Inj. in Lower Gallup 1656'-1661'						CABLE TOOLS -	
25. WAS DIRECTIONAL SURVEY MADE No						26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray-Density w/Caliper.	
27. WAS WELL CORED No						28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
7"		20		66.52		5 1/2"	
4 1/2"		9.5		1721.10		6"	
						CEMENTING RECORD	
						12 sacks	
						50 sz+8% gel & 50 sz.	
						AMOUNT PULLED None	
						None	
29. LINER RECORD						30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SIZE	
None						None	
						DEPTH SET (MD)	
						PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) 1656-1661 w/ 4 jets/ft.						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
						DEPTH INTERVAL (MD)	
						1656-1661	
						AMOUNT AND KIND OF MATERIAL USED	
						500 gal H₂O	
"Effective May 3, 1966, The Atlantic Refining Company changed its name to Atlantic Richfield Company"						RECEIVED JAN 5 1965 OIL CON. COM. Disjuncting	
PRODUCTION						RECEIVED JAN 4 1965	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or Shut-in)	
1st Water Injection 12/2/64, down 4 1/2" casing						Disjuncting	
DATE OF TEST 12/8/64		HOURS TESTED 24		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS.		CASING PRESSURE 525 psi		CALCULATED 24-HOUR RATE		OIL—BBL.	
						GAS—MCF.	
						WATER—BBL.	
						GAS-OIL RATIO	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY 338 inj.	
35. LIST OF ATTACHMENTS						JAN 4 1965	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.	
SIGNED B. J. Austin		TITLE Dir. & Prod. Supv.		DATE 12/31/64			

*(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 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: 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
Upper Gallup	1566	15777	Sand w/ shale laminations (oil)	Mesa Verde	Surface	
Lower Gallup	1689	1696	Sand w/ shale laminations (oil)	Mancos	270	
				Gallup (Niobrara)	1530	
				Upper Sand	1566	
				Lower Sand	1689	
				Juana Lopez	1700	