UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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GEOLOGICAL SURVEY	Ravajo	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-0 for such proposals.)	7. JNIT AGREEMENT NAME Horseshoe Gallup Unit 8. FARM OR LEASE NAME Horseshoe Gallup Unit	
well — well — other X - Injection 2. NAME OF OPERATOR ARCO Oil & Gas Co., Div. of	9. WELL NO. 139	
Atlantic Richfield Company 3. ADDRESS OF OPERATOR 707-17th Street,	10. FIELD OR WILDCAT NAME Horseshoe Gallup Unit	
P.O. Box 5540, Denver, CO 80217 4. LOCATION OF WELL (REPORT LOCATION CLEARLY, See space 17 below.) Unit "N"	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5-30N-16W	
AT SURFACE: 990' FSL & 2310' FWL, Sec. 5 AT TOP PROD. INTERVAL: Appx. same	12. COUNTY OR PARISH- 13. STATE San Juan New Mexico	
AppA: Same	14. AP! NO. None Assigned	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB. AND WD) 5307' GR	
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON* SUBSEQUENT REPORT OF: SUBSEQUENT REPORT OF: DECTOR	(NOTE: Report Yesuits of multiple completion of promoting 1983 change on Edmy 8-330.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ARCO has plugged and abandoned the subject well in accordance with the Sundry Notice dated December 30, 1982, and approved by the BLM-MMS on January 13, 1983. Injection interval 1002' - 1124' OA, Gallup fm. Spotted cement plugs as per the attached plugging operations report.

Completed P & A, 9-20-83.

Final restoration will be commenced as soon as weather permits. An additional subsequent report will be filed when restoration has been completed.

Subsurface Safety Valve: Manu. and Typ	e	Set @ Ft.
18. I hereby certify that the foregoing is		
SIGNED Stephen Rose	TITLE Dist.Prod. Su	November 30, 1983
	(This space for Federal or State of	
APPROVED BY	TITLE	CATE

P & A OPERATIONS:

MI RU 9/16/83. Well flwg wtr. Bullheaded 20 sx cmt thru tbg & SDON.

Opnd thg & well dead. Backed off @ safety jt & well strtd flwg wtr. POH w/plugged thg. Bullheaded 30 sx cmt dn csg. SDON.

FINAL REPORT - WELL P & A, 9/20/83. Well dead. Perf'd 4 holes @ 862', pmpd 30 sx cmt & sqz'd 20 sx thru perfs. Perf'd 2 holes @ 122', pmpd 20 sx cmt leaving csg full of cmt. Cut off wellhd & instl'd DH marker.