## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to deepen or plug back to a different eservoir. Use Form 9–331–C for such proposals.)	7. UNIT AGREEMENT NAME Horseshoe Gallup 8. FARM OR LEASE NAME
1. oil gas other	Horseshoe Gallup  9. WELL NO.
2. NAME OF OPERATOR ARCO Oil and Gas Company Division of Atlantic Richfield Company	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR P.O. Box 5540, Denver, Colorado 80217	Horseshoe Gallup  11. SEC., T., R., M., OR BLK. AND SURVEY OR  AREA
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 1190' FSL & 215' FWL Unit M AT TOP PROD. INTERVAL: AT TOTAL DEPTH: Approx the same	33-31N-16W  12. COUNTY OR PARISH 13. STATE San Juan New Mexico  14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	30-045-25728 15. ELEVATIONS (SHOW DF, KDB, AND WD) -5347 GR
REQUEST FOR APPROVAL TO:  SUBSEQUENT REPORT OF V  TEST WATER SHUT-OFF  FRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  PULL OR ALTER CASING  MULTIPLE COMPLETE  CHANGE ZONES  ABANDON*  N.O. SETTING PRODUCTION CASING—  (other)	(NOTE: Report results of mulitiple completion or zone change on Form 9-380) JUN 1.5 1983

5. LEASE

14-20-603-734

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.)\*

Finished drilling to TD 1350'. Logged. RU & ran 23 jts (1393.82') 5-1/2", 14#, K-55, STC, 8rd casing and landed @ 1350' GL with FC @ 1305.3'. Cemented as follows: pump 20 bbls mud sweep (4 stage) and follow with 85 sx Class "B" + 12-1/2#/sx gilsonite + 6% gel + 0.6% D-30 (30 bbls) @ 12.9 ppg with 166.6 cu.ft. @ 1.96 cu.f.t/sx. Follow with tail 125 sx Class "B" + 2% CaCl<sub>2</sub> + 1/4#/sx flocele (26 bbls) 15.6 ppg @ 146.25 cu.ft. @ 1.17 cu.ft./sx. Recovered all 20 bbls mud flush and 9 bbls lead cement slurry @ surface. Full returns throughout job. Bumped plug @ 1500 psi - float held OK. Cut off casing. Released rig @ 9:45 am 6-7-83. Waiting on completion.

Released rig @ 9:45	am $6-7-83$ .	
Waiting on completic Subsurface Safety Valve: Manu. and Ty	on.	Set @ Ft
18. I hereby certify that the foregoing is signed W.A. Walther ( Sr. )	s true and correct Operations Manager DAT	6-9-83
	(This space for Federal or State office use)	
APPROVED BY	TITLE 0/	ATE

\*See Instructions on Reverse Side

JUN 1 ' 1983

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