

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR ARCO Oil and Gas Company
Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR
P.O. Bos 5540, Denver, Colorado 80217

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

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE 14-20-603-734	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
7. UNIT AGREEMENT NAME Horseshoe Gallup	
8. FARM OR LEASE NAME Horseshoe Gallup	
9. WELL NO. 298	
10. FIELD OR WILDCAT NAME Horseshoe Gallup	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 33-2N-16W	
12. COUNTY OR PARISH San Juan	13. STATE New Mexico
14. API NO. 30-045-25728	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 5347' GL	

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>N.O. PERM. ACIDIZE & FRAC</u>		

RECEIVED
(NOTE:

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

JUL 13 1983

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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.)*

MI & RU Farmington Well Service 6-20-83. RIH with bit and casing scraper. Tag bottom @ 1311'. Displaced hole with 30 bbls 2% KCL water. Logged. Perf'd Lower Gallup 1238'-1260' with 2 SPF. Spotted 500 gals 15% HCL. Began pumping pre-pad 2% KCL water, pumped total 39 bbls. Pumped frac fluid as follows: 48 bbls pad, total of 100 bbls fluid and 12,200# 10/20 mesh sand. Began to screen out after pumping approximately 20 bbls of 4 ppg slurry. SD pumping. Tag sand @ 1062' and CO to PBTD @ 1311' GL. Frac Lower Gallup with low residue cross-linked 30#/1000 gal gel and sand as follows: 30 bbls pre-pad 2% KCL water, 48 bbls pad, total of 115 bbls fluid, 21,200# 10/20 mesh sand and 29 bbls flush. Began to screen out after pumping approximately 20 bbls of 5 ppg slurry. Tag sand @ 1070' and CO to PBTD @ 1311' GL. (OVER)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED WA Walther, Jr. TITLE Operations Manager DATE 7-11-83
W.A. Walther, Jr.

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

ACCEPTED FOR RECORD

***See Instructions on Reverse Side**

JUL 14 1993

FARMINGTON DISTRICT

BY SJM

NMOCC

Perf'd 1128'-1140' with 2 SPF. Spotted 1 bbl 15% HCL across perfs. Pumped 500 gals 15% HCL, displaced into perfs with 7 bbls water. Frac'd with low residue cross-linked 30#/1000 gals gel and sand as follows: 47 bbls pre-pad 2% KCL water, 72 bbls pad, total of 144 bbls fluid and 18,250# 10/20 mesh sand. Began to screen out after pumping 22 bbls of 5 ppg slurry. Tag sand @ 375'. CO to RBP @ 1200'. Perf'd 1149'-1155' with 2 SPF. RIH with tubing to PBTD @ 1326' RKB. Ran tubing and bottomed @ 1288.75'. Ran pump. Set pumping unit and ran flowline. Released rig 6-27-83.