6. IPINDIAN, ALLOTTEE OR TRIBE NAME

5. LEASE

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	-Navajo - 15 Min.
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(Do not use this form for proposals to drill or to deepen or plug back to a different	Horseshoe Gallup Unit
reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME Horseshoe Gallup Unitr∲r
1. oil gas other Injection	9. WELL NO.
2. NAME OF OPERATOR ARCO Oil and Gas Co., a	275 <u> </u>
Div. of Atlantic Richfield Company	10. FIELD OR WILDCAT NAME
3. ADDRESS OF CPERATOR 707 - 17th Street,	Horseshoe Gallup
P.O. Box 5540, Denver, Colo. 80217	11. SEC., T., R., M., OR BLK, AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
	Sec. 9-30N-16W
below.) AT SURFACE: Unit J,1450'FSL & 1980'FEL, Sec. 9	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL:	San Juan New Mexico
AT TOTAL DEPTH:	
	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	None
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
	5285'GR
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	and the second s
FRACTURE TREAT	
SHOOT OR ACIDIZE	1
REPAIR WELL	(NOTE: Report results of multiple completion or zone 27 shange on Form 9–330.)
PULL OR ALTER CASING SEP 1 4 198	The result 5-550.7
MULTIPLE COMPLETE CHANGE ZONES	
ABANDON*	URVEY
(other) X - Set Cement Plug FARMINGTON, N.	M.
(00.00)	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertined	lirectionally drilled, give subsurface locations and
ARCO hereby asks permission to set a cer	ment plug above the injection
	t well. This is in compliance
with the requirements as set forth in a	
1981, and a subsequent letter of April	
of New Mexico, Energy and Minerals Depa.	conservation
Division(copies attached.)	and the same of th
Attached is the procedure for setting t	ne cement prug.
	# 10 1 to 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
This Approval Or Temporary 10-16-83 Abandonment Expires	
Abandonment Expires 10010	
Subsurface Safety Valve: Manu. and Type	Ft.
18. I hereby certify that the foregoing is true and correct	
Stocker Roma Dist Brod	Supt.DATE August 31, 1982
SIGNED S. C. ROSE TITLE DISC.PIOG.	Supt DATE 214945 327 2305
APPROVED This space for Federal or State of	ffice use)
1	
	DATE
CONDITIONS OF APPROVAL IF ANY:	
0C(1,7,1982 NMOCC	
MMFS E SIMS	

DISTRICT ENGINEER .See Instructions on Reverse Side

HORSESHOE GALLUP UNIT INJECTION WELLS PLUGGING PROCEDURE

- 1. MIRU.
- 2. Release packer and pull tubing and packer out of hole.
- 3. RIH with tubing open-ended to 40' above the top perforation and pump sufficient cement to set a 100' plug inside the casing (Using light-weight cement).
- 4. POH, RD, and move off.



STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING GOVERNOR ARRY KEHOE

April 26, 1982

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

RECEIVED

APR 30 1982

ENGINEERING

Arco Oil & Gas Company P.O. Box 5540 Denver, Colorado 80217

ATTENTION: J. G. Bradshaw

RE: Exception to Rule 705-A for Injection Wells in the Horseshoe Gallup Unit, Federal Lease No. 14-08-0001-8200, San Juan County,

New Mexico.

Dear Sir:

Pursuant to your letter of February 18, 1982, requesting exception to Rule 705-A for fifty-seven (57) wells as listed on Table I, the Oil Conservation Division hereby denies both of your requests. You are hereby requested to take prompt action as outlined in the September 30, 1981, Memorandum. (Copy enclosed).

The Oil Conservation Division will not grant an exception to Rule 705-A if a well will not be placed in service within 6 months of the request. For future reference, supportive data for exception to Rule 705-A should include:

- 1. Proof of mechanical integrity, such as bradenhead tests, tracer logs, or other supportive tests or data.
- 2. All related OCD Division Order Numbers or Case Hearing Numbers.
- 3. A schematic of the present injection well including cement tops and quantities thereof.
- 4. Date each well was shut-in.

If you have any questions regarding this matter, please do not hesitate to contact me at (505) 827-2533.

Sincerely,

JOE D. RAMEY

Division Director

TABLE I

Horeshoe Gallup Unit Federal Lease No. 14-08-001-8200 San Juan County, New Mexico.

List of Wells

<u> -</u> -	NO.	20	р
			_

- 2. No. 29 B
- 3. No. 103 A
- 4. No. 105 A
- 5. No. 113 A
- 6. No. 126 C
- 7. No. 130 C
- 8. No. 132 C
- 9. No. 135 C
- 10. No. 137 C
- 11. No. 139 C
- 12. No. 141 C
- 13. No. 143 D
- 14. No. 145 D
- 15. No. 148 \mathcal{D}
- 16. No. 150 D
- 17. No. 152 D
- 18. No. 154 D
- 19. No. 156 D
- 20. No. 160 D

- 21. No. 215 D
- 22. No. 162 D
- 23. No. 164 D
- 24. No. 169 D
- 25. No. 171 D
- 26. No. 173
- 27. No. 175
- -28. No. 180
 - 29. No. 182 D
 - 30. No. 184 D
 - 31. No. 186
- 32. No. 192
- 33. No. 194 D
- 34. No. 196
- 35. No. 201
- 36. No. 203
- 37. No. 205 D
- 38. No. 207 🕀
- 39. No. 213 📮
- 40. No. 217 [

- 41. No. 223 D
- 42. No. 225 D
- 43. No. 227 D
- 44. No. 229 D
- 45. No. 238 D
- 46. No. 240 D
- 47. No. 248 D
- 48. No. 250 D
- 49. No. 259 D
- 50. No. 261 C
- 51. No. 263 C
- 52. No. 269 C
- 53. No. 274 C
- 54. No. 275 C
- 55. No. 73 A
- -56. No. 199 T
- -57. No. 211



ENERGY AND IVITATED DEPARTIVICIAL OIL CONSERVATION DIVISION

POST OFFICE BOX 201 STATE LAND OFFICE BL . SANTA FE, NEW MEXICO : (505) 827-2434

ERUCE KING
SOVERNOR
LARRY KEHOE
SECRETARY

MEMORANDUM

TO:

ALL NEW MEXICO INJECTION WELL OPERATORS

FROM:

JOE D. RAMEY, DIRECTOR

SUBJECT:

TEMPORARY ABANDONMENT OF INJECTION WELLS

Division Rule 705A provides in part that "no injection well may be temporarily abandoned for more than six months unless the injection interval has been isolated by use of cement or a bridge plug." The Division Director may delay the cement or bridge plug requirement upon a request by the operator and a showing that such well is mechanically sound, that there is a continuing need for the well, and that the well constitutes no threat to underground sources of drinking water.

Division survey programs have found several hundred injection wells which have not been used for at least six months and which do not have the requisite plugs. Based upon these surveys the Division will be moving to enforce Rule 705A in the near future.

Operators should review the status of their injection wells and within the next six months take one of the following actions relative to injection wells which have been shut in for six months or longer:

- (1) Return the well to active operation.
- (2) Plug and abandon the well or place a <u>cement</u> or bridge plug above the injection interval.
- (3) File a workover or plugging plan and schedule with the appropriate Division district office.
- (4) File a request for exception to Rule 705A with the Division Director in Santa Fe.

September 30, 1981 fd/