5. LEASE 14-20-600-3531

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	Navajo - <u>Ute Mtn</u> .
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
eservoir, Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas Tadachian	Horseshoe Gallup Unit
well well other Injection	9. WELL NO.
2. NAME OF OPERATOR ARCO Oil and Gas Co., a	113
Div. of Atlantic Richfield Company	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR 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
below.)	Sec. 19-31N-16W
AT SURFACE: Unit P,660'FSL & 660' FEL, Sec. 19 AT TOP PROD. INTERVAL:	12. COUNTY OR PARISH 13. STATE
AT TOTAL DEPTH:	San Juan New Mexico
	14. API NO. None®
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	- 13
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	5505' GR
TEST WATER SHUT-OFF	
FRACTURE TREAT	ا تغیید،
SHOOT OR ACIDIZE	
	(NOTE: Report results of multiple completion or zone change on Form 9–330.)
PULL OR ALTER CASING	
CHANGE ZONES	ge 1982 - Fig. 1982 - Fig. 1995
ABANDON*	
(other) X - Set Cement Plug	
including estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertine.  ARCO hereby asks permission to set a cerinterval (1290-1304') in the subject with the requirements as set forth in a 1981, and a subsequent letter of April of New Mexico, Energy and Minerals Depa	ment plug above the injection t well. This is in compliance memorandum dated September 30 26, 1982, both from the State
Division(copies attached.)	and the second s
_	<b>y</b>
Attached is the procedure for setting t	he cement plug
This Approval Or Tamperary 10-16-8-3-	
Abandonment Expires 10 10 10	
	The state of the s
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby certify that the foregoing is true and correct	
	Supt.DATE August 31, 1982
Signed Signed TITLE Dist. Prod.	BUDL DATE RUGUSC 31, 1302
APPROVED (This space for Federal or State of	ffice use)
AS AMENDED	DATE
APPROVED BY AS AMENDED TITLE CONDITIONS OF APPROVAL IF ANY	UATE
OCJ 1.7 i982	
FIRAL DOC	
Mydames F. Sin	
ISTRICT ENGINEER • see Instructions on Reverse	: Side
NMOCC	
1111000	

## 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 ARRY KEHOE SECRETARY

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:

- 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.

Sancerely,

Division Director

#### TABLE I

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

#### List of Wells

1.	NO.	26	5

- 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 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
- 23. No. 164 D
- 24. No. 169 D
- 25. No. 171 D
- 26. No. 173
- 27. No. 175 D
- 38. No. 100 D
  - 29. No. 182 D
  - 30. No. 184 D
  - 31. No. 186
- -32. No. 192
- 33. No. 194 D
- 34. No. 196 D
- 35. No. 201
- 36. No. 203 D
- 37. No. 205 🔎
- 38. No. 207 D
- 39. No. 213 📮
- 40. No. 217 D

- 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
- 57. No. 211



### ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

BRUCE KING
SEVERNOR

LARRY KEHCE
SECRETARY

POST OFFICE BOX 20 STATE LAND OFFICE BU -SANTA FE, NEW MEXICO : (505) 827-2434

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/