5. LEASE 14-20-L04-1950

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

14-08-0001-8200

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	Nave - Ute Mtn.	
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNITAGREEMENT NAME Horseshoe Gallup Unit	
(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.)	8. FARM OR LEASE NAME	
1 -il	Horseshoe Gallup Unit	
1. oil gas defined ather Injection	9. WELL NO.	
2. NAME OF OPERATOR ARCO Oil and Gas Co., a	186	
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 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
below.)	Sec. 35-31N-16W	
AT SURFACE: Unit B,610'FNL & 2000'FEL, Sec. 35	12. COUNTY OR PARISH 13. STATE	
AT TOP PROD. INTERVAL: AT TOTAL DEPTH:	San Juan New Mexico	
	14. API NO. None	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
, <del>d</del>	15. ELEVATIONS (SHOW DF, KDB, AND WD) 5528 Schr GOGICAL SURVEY	
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	OIL AND GAS OPERATIONS	
TEST WATER SHUT-OFF	GENENCH TONG	
SHOOT OR ACIDIZE	SEP 23 1982	
SHOOT OR ACIDIZE REPAIR WELL RECEI	(NOTE: Report results of multiple completion or zone	
PULL OR ALTER CASING   SEP 17	change on Form 9–330.)	
CHANGE ZONES	GRAND JUNCTION, COLORADO	
ABANDON* (other) X - Set Cement Plug	And the second s	
(other) A Det Cement Flug		
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is different and true vertical depths for all markers and zones pertinent	irectionally drilled. Live subsurface locations and	
ARCO hereby asks permission to set a cerinterval(1485-1488' OA ) in the subject with the requirements as set forth in a 1981, and a subsequent letter of April 2 of New Mexico, Energy and Minerals Depart Division(copies attached.)	t well. This is in compliance memorandum dated September 30, 26, 1982, both from the State	
Attached is the procedure for setting the	ne cement plug.	
	SECEINE D	
SEP 3 0 19	982 SEP 1 6 1982	
Subsurface Safety Valve: Manu. and TypeOIL CON. CO	Set @ Ft.  MINERALS MANAGEMENT SE	
18. I hereby certify that the foregoing is true and correct DIST. 3	DURANGO, CO	
SIGNED Stephen Rose TITLE Dist. Prod.	Supt.date August 31, 1982	
(This space for Federal or Staterniffe use)		
APPROVED BY Original Signed - Scott L. Ellis JOHN L. PRO CONDITIONS OF APPROVAL IF ANY:	VISOT DATE SEP 2 4 1982	

HETPINGTON ... ATTACHED

### 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

RUCE KING SOVERNOR ARRY KEHOE SECRETARY

April 26, 1982

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE. NEW MEXICO 57501 (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

1.	No.	26	В
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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

25. No. 171 D

26. No. 173 D

27. No. 175 D

28. No. 180

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

37. No. 205 D

38. No. 207 D

39. No. 213 📮

40. No. 217 [

41. No. 223 D

42. No. 225

43. No. 227 D

44. No. 229

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 D

57. No. 211





BRUCE KING SOVERNOR LARRY KEHOE -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/

## CONDITIONS FOR APPROVAL

- 1. Plug to be tagged or pressure tested to 1000 psi.
- 2. Casing at the surface shall be secured with a valve or cap.
- 3. Approval effective for one year only.

