Form Approved Budget Bureau No. 42-R1424

5. LEASE 14-20-404-1951

14-08-0001-8200

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES GRAND JUNCTION, COLORAD((other) X - Set Cement Plug 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.)* ARCO hereby asks permission to set a cement plug above the injection interval (1582-1608') in the subject well. This is in complia with the requirements as set forth in a memorandum dated September 1981, and a subsequent letter of April 26, 1982, both from the Sta of New Mexico, Energy and Minerals Department, Oil Conservation	
Do not use this form for proposals to drill or to deepen or plug back to a different servour. Use from 9-331-6 to review proposals. 1. oil well gas other Injection 2. NAME OF OPERATOR ARCO Oil and Gas Co., a Div. of Atlantic Richfield Company 3. ADDRESS OF OPERATOR 707 - 17th Street, P.O. Box 5540, Denver, Colo. 80217 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below) AT SURFACE: Unit H, 2105 FNL & 940 FEL, Sec. 28 AT TOP PROD. INTERVAL: AT TOTAL DEFTH: 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF SHOOT OR ACIDIZE REPAIR WELL OF NOTICE CHANGE ZONES MULTIPLE COMPLETE CHANGE ZONES MULTIPLE COMPLETE CHANGE ZONES ABANDON' (other) X - Set Cement Plug 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations an measured and true vertical depths for all markers and zones pertinent to this work.)* ARCO hereby asks permission to set a cement plug above the injecti interval (1582-1608') in the subject well. This is in compliar with the requirements as set forth in a memorandum dated September 1981, and a subsequent letter of April 26, 1982, both from the Sta of New Mexico, Energy and Minerals Department, Oil Conservation	
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Division(copies attached.)	nce 30
Attached is the procedure for setting the cement plug.	
QECEIVE M	
SEP 1 6 1982	
3	t.
Subsurface Safety Valve: Manu. and Type	٠.
18. I hereby certify that the foregoing is true and correct DURANGO, CO	
SIGNED SIGNED TITLE Dist. Prod. Supt. DATE August 31, 1982	_
(This space for Federal or State office use) SEP 2 4 1982	
APPROVED BY Original Signed Scott L. Ellis TITLE District Supervisor DATE	_
Land to the state of the state	
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

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:

- 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. RAMES

Division Director

DIST. 3

TABLE I

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

List of Wells

1.	No.	26	В
2.	No.	29	8
3.	No.	103	А
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	Ç
12.	No.	141	C
13.	No.	143	D
14.	No.	145	D
15.	No.	148	\mathcal{D}
16.	No.	150	D
17.	No.	152	\mathcal{D}
18.	No.	154	D
19.	No.	156	D

20. No. 160.

21.	No.	215	D
-22.	-No-	162-	
23.	No.	164	D
-24.	No.	169	-D -
25.	No.	171	D
26.	No.	173	Ď
27.	No.	175	D
-28.	No.	180	D
29.	No.	182	Ø
30.	No.	184	D
31.	No.	186	٥
-32:-	No.	192	-p
33.	No.	194	D.
34.	No.	196	D
35.	-No.	201	0
36.	No.	203	D
37.	No.	205	D
38.	No.	207	D
39.	No.	213	2
40.	No.	217	D

41. No. 223 D 42. No. 225 43. No. 227 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



OIL CONSERVATION DIVISION

BRUCE KING SCVERNOR LARRY KEHOE SECRETARY

POST OFFICE BOX 201 STATE LAND OFFICE BL : 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.

