CHANGE ZONES

ABANDON* (other)

RECEIVED -

4-20-604-1950

DEPARTMENT OF THE INTERIOBAN 1 2 1983 GEOLOGICAL SURVEY

6. IF NOWN AL LOTTEE OR TRIBE NAME

				GKAND	JUNCTION
SHMDRY	NOTICES	AND	REPORTS	ON	WELLS

UNITED STATES

10b not use in a form for amposais to drill or to deepen or plug back to a different resention use form 3-331-0 for such proposais.)

3 2 5 Infection other weil ...

2. NAME OF OPERATOR ARCO Oil and Gas Co., ivision of Atlantic Richfield Company

- 17th Street, 3. ADDRESS OF OPERATOR 707 P.O. Box 5540, Denver, Colo.

4. LOCATION OF WELL (REPORT LOCATION CLEARLY, See space 17 below.) Unit B, AT SURFACE: 610' FNL & 2000' FEL, Sed. 351 12. COUNTY OR PARISH 13. STATE AT TOP PROD. INTERVAL: AT TOTAL DEPTH:

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

 $\overline{\mathbf{X}}$

7. UNIT AGREEMENT NAME Horseshoe Gallup Unit 8. FARM OR LEASE NAME

Horseshoe Gallup Unit 9. WELL NO.

IO. FIELD OR WILDOAT NAME Horseshoe Gallup

11. SEC., T., R., M., OR BEK, AND SURVEY OR 1257

Sec. 35-31N-16W

<u>San Juan</u> New Mexico Id. API NO

None Assigned

15. ELEVATIONS (SHOW DF, KDB, AND WD) 5522' GR

REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE

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

SUBSEQUENT REPORT OF

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent datalis, 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.)

&11-1-82 This notice supercedes our Sundry Notice Sdated August 31, 1982 on the subject well.

ARCO now proposes to plug and abandon this well, as per the attached revised P & A Procedure.

(This is in compliance with the requirements as set forth in a memorandum dated September 30, 1981, and a subsequent letter of April 26, 1982 , both from the State of New Mexico, Energy and Minerals Department, Cil Conservation Division(copies attached to our August 31, 1982 Sundry Notice).

Subsurface Safety Valve: Manu. and Type _ 18. I hereby certify that the foregoing is true and correct TITLE Dist. Prod. Supt. DATE Nose -November 1982 Original Signed - Scott L. Ellis his space for Federal or State office use)

JOHN L. PRICE
District Supervisor APPROVED BY CONDITIONS OF APPROVAL IF ANY: glig @ surface socie JAM 1 71983

See Instructions on Reverse Side

WIL CON. DIV. DIST. 3

HORSESHOE GALLUP UNIT INJECTION WELLS PLUGGING AND ABANDONMENT PROCEDURE (REVISED)

- 1. MIRU.
- 2. Release packer and pull tubing and packer out of hole.
- 3. RIH with tbg open-ended to below the bottom perforation and pump sufficient cement to cover top perforation by 50' inside the casing.
- 4. POH w/tbg. GIH w/wireline and shoot enough holes in production string opposite 150' above top perforation to allow cement squeezing of zone. (This may be necessary since the original cement job may not have covered the Gallup formation by 50'). Squeeze sufficient cement to place a 100' plug outside the casing. Also, leave a 100' plug inside the casing. If unable to squeeze plug outside the casing, leave a 100' plug inside the casing.
- 5. POH w/tbg. GIH w/wireline and shoot enough holes in production casing opposite a point 50' below the surface casing shoe to allow squeezing cement.
- 6. RIH w/tbg open-ended and perform a braden-head squeeze of the perforations. Use sufficient cement for a 100' column behind the casing and a 100' plug inside the casing.
- 7. POH, cut casing one foot below ground level, place a 30' cement plug inside casing, weld on a blind flange, weld a dry hole marker on the blind flange, fill hole and move off.
- 8. Rehabilitate location and access road using stipulations supplied by the surface management agency.

NOTE: BOP's will not be needed in most cases because expected reservoir pressure of the Gallup in the area of abandonment is very low. (Estimated at less than 250 - 300 psi bottom-hole.) If pressure does exist on any of the subject wells, bleed it off, install BOP's if needed, and commence with above procedure.

GIL CON. DIV.

TABLE :

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

list of Wells

·		ــــــــــــــــــــــــــــــــــــــ	1	
				
-3-	:10		<u>-</u>	
3.	No.	103	Ą	
4.	No.	105	<u> 4</u>	
5.	No.	113	А	
	Ho.	126	÷	
7.	No.	130	C	
3.	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	D	
16.	No.	150	D	
17.	No.	152	D	
18.	No.	154	D	
19.	No.	156	D	
-20-	}	-160		

21.	No.	215	9
-22.	No.	152	0
23.	No.	164	D.
-24	-}ta	169	
25.	No.	171	D
26.	No.	173	D
27.	No.	175	D
-38.	No.	190-	7
29.	No.	182	0
30.	No.	184	D
31.	No.	186	٥
-32.	No.	192	-0
33.	Nc.	194	D.
34.	No.	196	D
35.	Nor	-201	-0
36.	No.	203	D
37.	No.	205	D
38.	No.	207	D
39.	No.	213	Q
40.	No.	217	D

	<u>4</u> • .	No.	223	2
	42.	No.	225	2
, (suth)	43.	No.	227	D
	44.	No.	229	D
	45.	No.	238	D
(state)	46.	No.	240	D
	47.	No.	248	D
	48.	No.	250	0
	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	Ą
•	56.	No.	199	-0
	-57 .	- No -	211	- D
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