

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER X - Water Injection		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-734	
2. NAME OF OPERATOR ARCO Oil and Gas Company, a Division of Atlantic Richfield Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR 707 - 17th Street, P. O. Box 5540, Denver, Colo. 80217		7. UNIT AGREEMENT NAME Horseshoe Gallup Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface Unit "B", 660' FNL & 1980' FEL, Section 29 (No API # Assigned)		8. FARM OR LEASE NAME Horseshoe Gallup Unit	
14. PERMIT NO.		9. WELL NO. 26	
15. ELEVATIONS (Show whether OF, BT, OR, etc.) 5488' GL		10. FIELD AND POOL, OR WILDCAT Horseshoe Gallup	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29-31N-16W	
		12. COUNTY OR PARISH San Juan	
		13. STATE New Mexico	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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 Oil and Gas Company, Operator, proposes to plug and abandon the subject well, as per the attached P & A Procedure. Injection into this well was recently attempted with no success. We believe that the well would probably not have an impact on oil displacement in this portion of the reservoir.

RECEIVED
MAY 16 1985
OIL CON. DIV.
DIST. 3

(This is in compliance with the requirements set forth in a letter from the Bureau of Land Management, Farmington, N. M. , dated April 10 , 1985, copy attached.)

18. I hereby certify that the foregoing is true and correct

SIGNED <u>Stephen Rose</u> S.C. Rose / BRS	TITLE <u>Dist. Prod. Supt.</u>	DATE <u>May 8, 1985</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

NMOCC

HORSESHOE GALLUP #26

CURRENT WELL STATUS

History

The HGU #26 located in San Juan County, New Mexico was drilled to a depth of 1447' and completed as a Gallup oil well in March 1959. This well was converted to a water injection well in November 1960 as part of the Unit "B" secondary recovery program and was shut-in during June 1972 due to a low injection rate. Recently an attempt was made to inject into this well once again without success.

Existing Well Status

Casing:

Surface:	8-5/8", 24#/ft, J-55 set @ 92' cemented to surface w/115 sx cement.
Production:	4-1/2", 9.5#/ft, J-55 set @ 1347' cemented w/190 sx Pozmix.
Tubing:	2", J-55, EUE 8rd
Packer:	Baker 2" x 4-1/2" Model "A" type packer set @ 1286'.
Perforations:	1296' - 1312' within the Gallup formation.
Proposed Plugs:	1st Plug: 1250' - 1375' 2nd Plug: 1050' - 1150' 3rd Plug: 30' - 150' 4th Plug: 0' - 30'

SMB
JEO
T.K.D.

HORSESHOE GALLUP UNIT WELLS
PLUGGING AND ABANDONMENT PROCEDURE

1. MIRU.
2. Release packer and pull tubing and packer out of hole.
3. RIH with tbq 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 3 to 4 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 steel plate, weld a dry hole marker on the steel plate, 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. If pressure does exist on any of the subject wells, bleed it off, install BOP's if needed, and commence with above procedure.

snb
T.K.D.