

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☐ gas ☐ other ☐ Intention
2. NAME OF OPERATOR ARCO Oil and Gas Co., a
Division 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.) Unit H,
AT SURFACE: 2310' FNL & 990' FEL, Sec. 3
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,
REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:
TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☒
(other) ☐

SUBSEQUENT REPORT OF:

RECEIVED
NOV 13 1982

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

5. LEASE
S.F. 081226-B
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Horseshoe Gallup Unit
8. FARM OR LEASE NAME
Horseshoe Gallup Unit
9. WELL NO.
238
10. FIELD OR WILDCAT NAME
Horseshoe Gallup
11. SEC., T., R., M., OR BLK. AND SURVEY OR
AREA
Sec. 3-30N-16W
12. COUNTY OR PARISH 13. STATE
San Juan New Mexico
14. API NO.
None Assigned
15. ELEVATIONS (SHOW DF, KDB, AND WD)
5724' GR

RECEIVED

JAN 07 1983

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent 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 Notices dated 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 memo-
randum dated September 30, 1981, and a subsequent letter of April 26,
1982, both from the State of New Mexico, Energy and Minerals Depart-
ment, Oil Conservation Division (copies attached to our August 31, 1982
Sundry Notice).

RECEIVED
JAN 13 1983

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Stephen Rose TITLE Dist. Prod. Supt. DATE December 30
S. C. ROSE November 1, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL IF ANY:

John A. Keller
DISTRICT

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.

D. R. L. L. L. L.
JAN 1966
JST

LIST OF WELLS TO BE PLUGGED AND ABANDONED

TABLE I

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

List of Wells

1. No. 126 D	21. No. 215 D	41. No. 223 D
2. No. 129 B	22. No. 162 D	42. No. 225 D
3. No. 103 A	23. No. 164 D	(State) 43. No. 227 D
4. No. 105 A	24. No. 169 D	44. No. 229 D
5. No. 113 A	25. No. 171 D	45. No. 238 D
* 6. No. 126 G	26. No. 173 D	(State) 46. No. 240 D
7. No. 130 C	27. No. 175 D	47. No. 248 D
8. No. 132 C	28. No. 180 D	48. No. 250 D
9. No. 135 C	29. No. 182 D	49. No. 259 D
10. No. 137 C	30. No. 184 D	50. No. 261 C
11. No. 139 C	31. No. 186 D	51. No. 263 C
12. No. 141 C	32. No. 192 D	52. No. 269 C
13. No. 143 D	33. No. 194 D	53. No. 274 C
14. No. 145 D	34. No. 196 D	54. No. 275 C
15. No. 148 D	35. No. 201 D	55. No. 73 A
16. No. 150 D	36. No. 203 D	56. No. 199 D
17. No. 152 D	37. No. 205 D	57. No. 211 D
18. No. 154 D	38. No. 207 D	
19. No. 156 D	39. No. 213 D	
20. No. 160 D	40. No. 217 D	

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GEOLOGICAL SURVEY

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(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.)

1. oil ☐ gas ☐ other ☒ - Injection
well well
2. NAME OF OPERATOR ARCO Oil & Gas Co., Div. of
Atlantic Richfield Company
3. ADDRESS OF OPERATOR 707-17th Street,
P.O. Box 5540, Denver, CO 80217
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17
below.) Unit "H"
AT SURFACE: 2310' FNL & 990' FEL, Sec. 3
AT TOP PROD. INTERVAL: Appx. same
AT TOTAL DEPTH: Appx. same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,
REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
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RECEIVED
DECEMBER 1983
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
JAN 6 1984
OIL CON. DIV.

5. LEASE S.F. 081226-B
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Horseshoe Gallup Unit
8. FARM OR LEASE NAME Horseshoe Gallup Unit
9. WELL NO. 238
10. FIELD OR WILDCAT NAME Horseshoe Gallup Unit
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3-30N-16W
12. COUNTY OR PARISH: 13. STATE San Juan New Mexico
14. API NO. None Assigned
15. ELEVATIONS (SHOW OF, KDB, AND WD) 5724' GR

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 has plugged and abandoned the subject well in accordance with the Sundry Notice dated December 30, 1982, and approved by the BLM-MMS on January 11, 1983. Injection interval 1604' - 1638', Gallup fm. Spotted cement plugs as per the attached plugging operations report.

Completed P & A, 8-18-83.

Final restoration will be commenced as soon as weather permits. An additional subsequent report will be filed when restoration has been completed.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Stephen Rose TITLE Dist.Prod. Supt. DATE November 30, 1983
S. C. Rose

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL IF ANY:

NMCC

HSG #238, Horseshoe Gallup Field,

P & A OPERATIONS:

FINAL REPORT - WELL P & A 8/18/83.

MI RU, released pkr & POH w/tbg. RIH w/OE tbg & cmt'd perfs w/20 sx plug. Perf'd 4 holes @ 1454', spotted 30 sx cmt & squeezed 20 sx thru perfs. Perf'd 2 holes @ 151' & pumped 30 sx cmt leaving casing full of cmt. Cut-off wellhd & installed dry-hole marker.