

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

Form approved
Bureau of Geology
Bureau No. 41-R-3533

See other in-
structions on
reverse side.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-734

6. IF INDIAN ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Horseshoe Gallup

8. FARM OR LEASE NAME

Horseshoe Gallup

9. WELL NO.

301

10. FIELD AND WILDCAT

Horseshoe Gallup

11. SECTION, TOWNSHIP, RANGE AND SURVEY

30-31N-16W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. ELEVATIONS (OF RSB, RT, GR, ETC.)*

5723' KB

19. ELEV. CASINGHEAD

5708' GL

23. INTERVALS DRILLED BY

0-1665'

25. WAS DIRECTIONAL SURVEY MADE

NO

27. WAS WELL CORED

NO

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: ☒ ON WELL ☐ GAS WELL ☐ CRT ☐ Other

2. TYPE OF COMPLETION: ☒ NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

3. NAME OF OPERATOR
ARCO Oil and Gas Company, Division of Atlantic Richfield Company

4. ADDRESS OF OPERATOR
P.O. Box 5540, Denver, Colorado 80217

5. LOCATION OF WELL Report location clearly and in accordance with any State requirements.

At surface 20' FNL & 1520' FWL Unit C

At top prod. interval reported below

At total depth Approx the same

API #30-045-25727

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

13. STATE

BIM

5-16-83

San Juan

New Mexico

16. DATE TD REACHED

6-14-83

17. DATE COMPL. (Ready to prod.)

6-17-83

18. DATE COMPL. (Ready to prod.)

7-16-83

22. IF MULTIPLE COMPL. HOW MANY*

1

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Gallup 1520' - 1544' & 1400' - 1434'

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDL/GR; DIGL/GR

28. CEMENTING RECORD

13-3/8" 61# 56' 17-1/2" SEE ATTACHED-PAGE 1 NONE

8-5/8" 24# 165' 12-1/4" SEE ATTACHED-PAGE 1 NONE

5-1/2" 14# 1665' 7-7/8" SEE ATTACHED-PAGE 1 NONE

29. LINER RECORD

SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD)

NONE

30. TUBING RECORD

SIZE DEPTH SET (MD) PACKER SET (MD)

2-7/8" 1561' NONE

31. PERFORATION RECORD (Interval, size and number)

Gallup 1520'-1544' 4" gun 2 SPF

Gallup 1400'-1434' 4" gun 2 SPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

SEE ATTACHED-PAGE 1

33. PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

7-16-83 Pumping - 2" @ 12 SPM with 24" stroke

DATE OF TEST HOURS TESTED CHOKER SIZE PROD'N. FOR TEST PERIOD

7-26-83 24 hrs --- ---

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

--- --- --- 2 --- 112 ---

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

2 of #26 above and Daily Well History

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED W.A. Walther, Jr. TITLE Operations Manager

W.A. Walther, Jr.

DATE 8-3-83

*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOCC

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

BY sm

28. CASING CEMENTING RECORD:

13-3/8" casing cemented with 5 bbls water followed with 70 sx Class "B" + 3% CaCl_2 (1.17 cu.ft./sx. - yields 81.9 cu.ft.).

8-5/8" casing cemented with 125 sx Class "B" with 2% CaCl_2 + 1/4#/sx celloflake (1.17 cu.ft./sx. - yields 146.25 cu.ft.).
Circl 5 sx cement to pit. Full returns throughout.

5-1/2" casing cemented with 312 sx Class "B" with 2% CaCl_2 + 1/4#/sx celloflake (1.17 cu.ft. /sx. - yields 365.04 cu.ft.).

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

1520'-1544'	500 gals 15% HCL
1520'-1544'	25 bbls 2% KCL water
1520'-1544'	291 bbls 2% KCL and additives and 22,550# 10/20 mesh sand
1400'-1434'	500 gals 15% HCL
1400'-1434'	25 bbls 2% KCL water
1400'-1434'	303 bbls 2% KCL and additives and 23,750# 10/20 mesh sand