



## Memorandum

To: Well File

From: Mark Weems, P.E.  
Regional Engineer - SW Colorado

Date: September 15, 2016

Subject: Well History

Walter J. Osterhoudt  
Ant Gulch #2  
SWNW 15 32N 2E  
007-05228

This well was plugged with 10 sx of cement on 10/31/1965. The operator intended to re-enter and attempt a completion with hopes of making it a producing well. There are no signs or reports of this well being an environmental liability. I see no need at this time to re-enter and plug this well to today's standards.

The best information regarding this well can be found in a Sundry Notice dated 3/3/1986 or document #977070 and an excerpt is shown below.

18. Date of work 9-29-65 through 10-31-65

\* Must be accompanied by a cement verification report

SYNOPSIS OF OPERATIONS: Drilling, casing, plugging and cementing.  
Reviewed, documented and certified by Walter J. Osterhoudt, Operator.

Spudded 9-29-65. Drilled to 37', and set 34' of 9 3/8 30# cas. Cemented with 5 sax. Moved off hole, back to No. 1. 10-04-65, resumed drilling. Drilled 8 3/4 " hole to 705', through the Mesa Verde section to bottom in a good tight Mancos Shale for cementing, to shut off fresh water from the MV SS. Hole TD. was 45' in dry Mancos Shale. On 10-31-65, plugged and cemented with 10 sax, intended to be either a temporary or permanent abandonment. Hole never was reentered. At the request of the ranch owner, casing head was allowed to flow a small amount of artesian fresh water for stock, because this was a dry pasture not reached by irrigation ditches. The Mesa Verde sandstone section is cut and exposed by the Navajo River about 7,000' north of the locations of Strat Tests land 2. Schumberger logged the open hole on 10-23-65, electric and gamma ray and neutron, for comparison with Test NO.1, and other logs. These logs provided valuable information which I gave to the Azotea Tunnel contractors, warning them the mole would encounter fresh waters in the Mesa Verde, and the possibility of natural gas. The tunnel bore dipped south, requiring water line to be installed to pump out the water. An air line was added to ventilate the gas.

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

SIGNED Walter J. Osterhoudt TITLE Owner and Operator DATE Feb. 26, 1986