

P-35-10-20

P. J. Sexton
Supervisor
District 1
Oil Conservation Division
State of New Mexico

DATE: June 15, 1992

TO: Mr. Jerry Sexton
Supervisor District 1
Oil Conservation Division
State of New Mexico

FROM: P. W. Minchew
Sr. Prod. Supervisor
Texaco Exp. & Prod. \ Hobbs Area

SUBJECT: New Mexico O State NCT-1 No. 24

The above mentioned well is a triple slim hole completion. The three completed intervals are the Abo, Wolfcamp, and Glorieta. The Wolfcamp plugs were set at 9990 feet, 5850 feet, 4418 feet, and 2655 feet. The Glorieta string was cleaned out to 6350 feet and plans were to squeeze the existing perforations (5942-6102) leaving the casing full of cement to surface. The Abo plug was set at 9080 feet. Casing leaks were located 5850-6150 feet. Plans were to squeeze these leaks leaving the casing full of cement to surface.

On 6/5/92 the Wolfcamp was perforated at 1597 feet and circulation established to surface between the 9 5/8" casing and the three strings of 2 7/8" casing. On 6/8/92 Dowell cemented down the Wolfcamp 2 7/8" casing circulating cement to surface. Calculated volumes to bring cement to surface was 600 sacks of cement. Actual volume of cement mixed to circulate the well bore was 1100 sacks. The next day, 6/9/92, no rate and 3000 psi could be held on the Abo and Glorieta casing strings. Cement was tagged at 120 feet (wl meas.) in the Abo string and at 2000 feet in the Glorieta string. It appears the excess 500 sacks had through shallow casing leaks migrated into the Abo and Glorieta strings squeezing the Glorieta perforations and the Abo casing leaks.

We discussed this incident with Mr. J. Sexton, N.M.O.C.D., the morning of 6/10/92. After this visit we proceeded to drill cement in the Abo string 93-1113 feet. Cement at 1113 feet was determined to be good and the casing tested to 1000 psi. The Glorieta string was cleaned out 2062-3065. Cement was determined to be good and the casing tested to 1000 psi. At this point Mr. Sexton allowed us to plug the well to surface. Plugs were set at 2800 feet, 1534 feet, and a plug from 50 feet to surface on the Glorieta string. The Abo string was plugged with a plug from 50 feet to surface.

The attachment shows the current well bore as of 6/13/92. The well is now classified plugged and abandoned.