

REPORT ON RESULT OF PLUGGING WELL

(attached to Form C-103)

October 9, 1951

Deming, New Mexico

C. D. Murphy Well #1

NW $\frac{1}{4}$ Sec 31 T20S R11W

Grant County, New Mex.

GENERAL INFORMATION

1. Hole deepened from 990' to 1607'.
2. Original 8" casing from surface to 826' abandoned in hole after being cemented with 200 sacks under 400 to 800 pounds pressure.
3. Hole heavily mudded 1607' up to 850'.
4. Top of wooden bridge set at 849'.
5. Fifty foot cement plug set 799' to 849'.
6. Wooden bridge and fifteen foot cement plug in top of 8" casing.

DETAIL INFORMATION

1. Mudded hole with mixture of pit mud and Aquagel from bottom of hole (1607) up to bottom of 7" casing (1097). Used approximately 1 to 1.5 tons mud and three sacks Aquagel.
2. Pulled 7" casing from 1097 mudding at each joint with same mixture of mud and Aquagel up to 850'. Used approximately 1 ton mud and two sacks Aquagel.
3. Set top of wooden bridge at 849'. (bottom of 8" casing at 826')
4. Filled 849' to 847' with medium rocks for cement set.
5. Set 50 foot cement plug from 849' up into 8" casing at least to 799'. Nineteen sacks cement mixed thick and set with dump bailer.
6. Top of wooden bridge set at 15' below top end of 8" surface casing and cement sealer set.
7. 15 foot cement surface plug poured into casing and set.
8. 4 inch steel pipe marker 7 $\frac{1}{2}$ feet long set into cement in 8" casing in such a manner that it protrudes 4 feet above surface.
9. 4" steel pipe marker also filled with cement.
10. Vertical cellar timbers left in position underground in case of future deepening operations.
11. Cellar completely filled and leveled with surface.
12. All pits and dead man holes filled.
13. Location cleared of junk.