Budget Bureau No. 42–R355.4. Approval expires 12–31–60.

U.S. LAND OFFICE Santa Fe, New Mex SERIAL NUMBER NM - 01461

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

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GEOLOGICAL SURVEY DEPARTMENT OF THE INTERIOR UNITED STATES

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as an artesian fresh water well from the Gallup sandstone.

tubing was landed on bottom and shut off at surface under pressure. Twenty perforations at 12501 - 12551 were shot, and completed

installed one tubing length off bottom, at 1363.5 feet.

a tight-fitting rubber plug was run ahead of fresh water to land on a choke

25 sacks cement plus 1 sack calcium chloride added.

265 sacks cement circulated to wirface from unperforated tubing hung to 1388 feet

Method used to cement tubing 0 - 1389.5 feet:

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

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