

JUNE 19, 1996

ON-SITE EXAM - CLAIM A22-12520

I FOUND AN 18,350 SQ. FT. BUILDING DEDICATED TO FRESH PACK POTATO PROCESSING. THE WELL WAS LOCATED IN THE BUILDING AND HAS A SUBMERSIBLE PUMP. WATER IS PROVIDED TO WASH THE POTATOES AND FOR CULINARY AND RESTROOM FACILITIES FOR UP TO 55 EMPLOYEES.

THE LOCATION OF THE BUILDING AND WELL IS THE SWSWSE, SEC. 34, T7N, R41E. CLAIMANTS STATE THAT WATER SITS AT APPROXIMATELY 150 FT. DEEP AND WELL HAS A 10 HP PUMP.

SMALL PUMP THEORETICAL;

$$\frac{10 \text{ HP} \times 8.814 \times .7 \text{ EFF.}}{150 \text{ FT. LIFT} + (2.308 \times 40 \text{ PSI})} = \frac{61.698}{242.32} = 0.25 \text{ CFS}$$

APPLICANTS STATED THAT THE ORIGINAL BUILDING DATED TO THE EARLY 1900S, BUT THE WELL WAS INSTALLED IN THE EARLY 1950S.

I WOULD RECOMMEND APPROVAL OF CLAIM A22-12520.

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MICROFILMED  
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