



1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

STATE CONTINUED

FOR THE ENTIRE TERM OF YEARS

- filled rods and tubing.
Grouted 35 sacks of cement. 1" for cement inside 5/8" and 3/4" WHITE.
Filled hole with fluid.
Removed wellhead and surface equipment.
Grouted 5 sacks cement for surface plug (0-401) and erected dry hole marker.
Plug and abandonment by above procedure to permit possible re-entry for future
secondary recovery purposes.

As a result of not obtaining oil or gas in commercial quantities Northwest No. 3 was plugged and abandoned as follows on June 22, 1960.

Flowed in during unit test 4-1960. Drilled water with oil and alcohol 500 gallons MCA. Perforated casing with 4 shots per foot 1967-1993. and oil cracked with 30,000 gallons. Average injection rate 55 barrels per minute. Landed at 1750'. 300 rod and pump. Recovered load oil used during casing completion operations at very low rate.

Total depth 2486'. Plug back depth 1863'. Drill stem lost No. 1 2280'-2365' joints. Tool
 open 1 hour, air to weak blow throughout. No show. 30 minute initial 1195 in and 1185 out. BHT 115 degrees. Water filtrated 1775 H₂O chlorides
 9200. Hydrostatic 1195 in and 1185 out. BHT 115 degrees. Water filtrated 1775 H₂O chlorides
 200 sacks cement with 10 percent sand. Plug back to 1870' with
 with 70 sacks 4 percent gel cement with 1-1/2 pounds fine per sack. Received good
 circulation throughout. Tested casing with 3000 psi for 15 minutes which held ok. Gained
 6 percent gel cement. Received good circulation throughout with cement circulation 150
 sacks. The quantity of lost cement was 150 sacks. Cemented and stage with 350 sacks
 dropped. Drilled stage tool at 1269' and cleaned out to plug back depth of 1823'. Released
 the May 2, 1960. Repairing for completion operations.

Spunred 8-3/4" hole on April 22, 1960 and raised to 12-1-1/4" to 217'. 6-9/8" casing was set at 217' with 160 sacks cement containing 2 percent calcium chloride with 1/2 pound per sack. Circulated cement. After waiting on cement, tested casing with 400 psi for 30 minutes when held with no indication of pressure drop. 7-7/8" at 217' and resumed drilling operations. Produced none to

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 "backtracked", 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 pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

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