

J. R. HOLT "B" #1

Killed well w/215 bbls 9.3# 36 viscosity mud, pulled 2-7/8" tubing. Ran Baker N-2-B bridging plug, set at 3155'. Ran tubing w/HOWCO type DM retainer, set at 2908'. Squeezed 150 sacks cement thru perforations 2940-3120' w/maximum pressure 1200#. Squeezed 200 sacks cement thru perforations and back washed 34 sacks cement. Maximum pressure 3300#. Ran bit on tubing, found top plug at 2908'. Drilled out to 3040'. Tested squeezed perforations 2940-3120' w/1200# pressure for 30 min. There was no drop in pressure. Drilled Baker bridging plug at 3420'. Cleaned out to 3610'. Displaced mud w/90 bbls oil, pulled tubing. Ran 115 joints 3596' of 2-3/8" tubing, set at 3606', perforations at 3599-3601'. Swabbed 66 bbls load oil in 11 hrs. KO and flowed 24 bbls load oil in 6 hrs. Flowed 2 bbls oil in 8 hrs and died. Shut in to pressure up. Flowed 6 bbls oil in 6 hrs. Loaded hole w/90 bbls oil & treated w/500 gallons MCA. Displaced w/14 bbls oil. Injection time 8 min. Injection rate 62½ gallons per min. Duration time 3 hours.

RESULTS: Swabbed 35 bbls oil 3 bbls residue in 6 hrs. Flowed 3 bbls oil in 2 hrs. Flowed 3 bbls oil in 20 min and died. Flowed 49 oil no water in 48 hrs. Flowed 6 oil no water in 30 min and died. CI 23½ hrs. Installed time cycle stop clock. Flowed 12 oil on water in 48 hrs, flows ½ hr in each 24 hr period on time control clock. Flowed 6 oil no water in 30 min on stop clock. Flowed 8 oil no water in 40 min, flows 20 min of each 12 hr period per day. Flowed 3 oil no water in 24 hrs, stop clock set to flow well 10 min out of each 6 hr period during day. Flowed 12 oil no water in 48 hrs, controlled by time cycle stop clock 10 min out of each 6 hrs. Daily average production December 1952 5 bopd. Allowable before workover 10 bopd. Allowable after workover 10 bopd.

1. The first step in the process of the investigation is the identification of the problem. This is done by the investigator who is responsible for the study. The investigator must first identify the problem and then determine the scope of the study. The next step is to design the study. This involves determining the research objectives, the research questions, and the research hypotheses. The investigator must also determine the appropriate research methods and the data collection procedures. The third step is to collect the data. This involves the implementation of the research design and the collection of the data. The fourth step is to analyze the data. This involves the use of statistical methods to analyze the data and to test the research hypotheses. The final step is to report the results. This involves the preparation of a report that summarizes the findings of the study and the conclusions that can be drawn from the results.

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