



FORMATION RECORD—Continued

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HISTORY OF OIL OR GAS WELL

16-43004-2 U. S. GOVERNMENT PRINTING OFFICE

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.

C. A. McAdams "B" well no. 2 was spudded on May 6, 1959 and on May 7, 1959, 9-5/8" casing was set at 506' with 300 sacks cement containing 2% calcium chloride. After waiting on cement, casing and water shut off were tested with 600 pounds pressure for thirty minutes, which held with no drop in pressure. Reduced hole to 8-3/4" at 506' and resumed drilling operations.

On May 21, 1959 9" casing was set at 6509' with 2-stage tool at 2007. Cemented first stage with 350 sacks 6% gel cement with 2 pounds Tuf Plug per sack followed by 100 sacks neat cement. Cemented second stage with 300 sacks 4% gel cement. Released rotary rig on May 21, 1959. Moved in completion unit on June 1, 1959, and tested casing with 2800 pounds pressure for thirty minutes which held with no drop in pressure.

Spotted 500 gallons mud cleaner agent. Perforated Dakota with two shots per foot 6292-6310, 6341-6359. Sand-water fracked with 40,000 gallons water and 40,000 pounds sand. Breakdown pressure 1700-1800 pounds, maximum treating pressure 2400 pounds, minimum treating pressure 1700 pounds. Injection rate 37 barrels per minute. Shut in pressure 100 psi after 5 hours stabilized. Opened well and flowed back 4 hours and died. Swabbed in Dakota and kicked off and flowed. Blew 24 hours to clean up zone, gauged 2054 MCFPD. Killed Dakota formation with water. Set Baker model D production packer at 6230 with BH plug in top of packer. Displaced water with oil. Spotted 200 gallons 1% mud cleaner agent. Failed tubing. Perforated Gallup with four shots per foot 5430-5456. Sand oil fracked with 40,500 gallons oil and 40,500 pounds sand. Breakdown pressure 2100-1800 pounds, maximum treating pressure 2800 pounds, minimum treating pressure 1600 pounds, average injection rate 43 barrels per minute.

Landed 2" Dakota tubing at 6260' tested with 1500 psi for 30 minutes which held OK. Landed 2" Gallup tubing at 5823'. Dually completed well as SI Angels Peak Gallup oil well and SI Angels Peak Dakota gas well 7/19/59. Potential test Gallup pumped 168 BOPD, 12-1/4" SPW with 1-1/4" pump. On Gallup packer leakage test 7/11/59 Dakota starting 3 day SITP 1924 psig and ending 4 day SITP 1924 psig, indicating packer holding. Dakota potential test 7/16/59 flowed 2570 MCFPD after 3 hours thru 3/4" choke. On Dakota packer leakage test 7/16/59, Gallup starting 5 day SICP 1124 psig and ending SICP 1146 psig, indicating packer holding OK.