

FEDERAL-WIGGS NO. 1-31
DETAILED ACCOUNT OF WORK PERFORMED
DURING JUNE, 1958

Ran delta temperature logs, set Baker FBC at 11,969' and squeezed perforations 12,030-62' with 200 sacks cement (1666 gallons). Drilled cement 11,968 to 12,063' with 4-3/4" bit.

Lane-Wells perforated 12,046-54' with 4 jet shots per foot. Ran and landed 2" EUE tubing 11,974' and acidized perforations 12,046-54' with 2000 gallons of Dowell breakdown acid. Swabbed load water (spent acid water by analysis).

Ran radio-active survey through perforations at 12,046-54'.

Set 5-1/2" Model K bridge plug at 12,004' and squeezed perforations 12,046-54' with 50 sacks cement. Waited on cement and then perforated 5-1/2" casing at 10,440' with 4 holes.

Ran and landed 2" EUE tubing with packer at 10,155'. Broke circulation through perforations 10,440' at 2200# and circulated free at 1400#. Pulled out with tubing.

Set 5-1/2" Baker Model K magnesium retainer at 10,400' and cemented 5-1/2" casing through perforations at 10,440' with 900 sacks Diamix cement.

Laid down 2" EUE tubing. Ran temperature survey and found top of cement at 6000'.

Well shut in as of June 18, 1958.