NMOCC Form On South Vacuum Unit Well No. 1-27 - 7-21-64 to 8-18-64

Ran Gamma Ray Collar Log. Perforated Wolfcamp formation with 1 jet shot per root from 9,694' to 9,699', 9,706' to 9,711' and 9,749' to 9,756". Terforated Bone Springs (Lower Leonard) with 1 jet shot per foot from 8,988' to 8,993', 9,005' to 9,008', 9,019' to 9,024' and 9,031 to 9,034'. Straddled Wolfcamp perforations with Bridge Plug set at 9,825' and Packer set at 9,638'. Acidized Wolfcamp formation through perforations 9,694' to 9,756' with 4,000 gallons 15% LTNE Acid. Swabbed and tested, will not attempt completion of this zone at this time. Pulled Packer and Bridge Plug up hole, set Packer at 8,988' 8,988' to 9,034' with 5,000 gallons 15% LTNE Acid with 5 ball sealers injected 3 times. Swabbed, flowed, and tested. Set Pumping Unit. Set Baker Model "D" Packer at 9,650' and Baker tension hold down at 8,152' on 286 joints 2-3/8" OD EUE 8Rd. Thd. Tubing. Ran 1-1/2" X 24' OWS Insert pump on 3/4" and 7/8" sucker rods. Potential test, 24 hours pumped, 123" stroke, 9 SPM, 151 barrels BS&W, gas-oil ratio 854 CF/B.

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