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Federal Wiggs No. 1-31 - Treatment History

JUN 23 1961

O. C. C.

ARTESIA, OFFICE

Perforations 12,030 - 12,062': Treated with 27,500 gallons mud acid, 2000 gallons breakdown acid and 23,060 gallons of acid frac. No commercial production. Squeezed perfs. with 200 sacks cement.

Perforations 12,046 - 54': Treated with 2000 gallons of Dowell breakdown acid. Swabbed spent acid water with no commercial production. Squeezed perfs. with 50 sacks cement.

Perforations 9940-78': Treated with 3500 gallons of mud acid, 500 gallons LST and NE acid and sand-fraced with 10,000 gallons of slick water with 3750# sand. No commercial production.

Details of perforations and treatments previously filed on Form 9-331-a.