

Continuation of Form C-103 dated Oct. 28, 1940

Page #2
Phillips Petroleum Company
Work Over Job - New #2
Eunice Pool, Lea County,
New Mexico

During the latter part of February, 1940, on State Gas/oil ratio test the well produced with gas/oil ratio of 9772 cu.ft. per barrel.

On March 12, 1940, the well was treated in the section 3790-3805, below packer, with 1000 gallons Dowell XXF6. No production was obtained from below packer in this zone.

On April 8, 1940, packer was pulled (lower part left in hole) and ran Exner-Dodge Underset packer set 3744', well produced 20 bbls. oil, 0 water, with gas/oil ratio of 31,000 cu.ft. per barrel from below packer. Side door choke was run with ball and seat to test production above packer. Well produced 113 MCF gas daily, no oil or water.

On May 28, 1940, treated below packer with 500 gallons Dowell XXF-6. Production after treatment was 28 bbls. oil daily with gas/oil ratio of 42,221 cu.ft. per barrel.

On July 8, 1940, treated below packer with 750 gallons Dowell XXF-6. Production after treatment was 34 bbls. oil daily with gas/oil ratio of 46,639 cu.ft. per barrel.

A series of Individual Well Tests shows the well at present to be producing at the rate of 44 bbls. oil daily with a gas/oil ratio of 18,848 cu. ft. per barrel.

There are three possible producing zones: First zone 3735-40, that now produces gas only. Second zone 3755-60 that produces both oil & gas. Third zone 3790 to 3805 that produces nothing.

The oil production with 18,848 cu. ft. of gas per barrel is produced from the 5 foot second zone. There is no further remedial work that can be done to improve ratio.