

Customer Testimonial

The following is an e-mail letter we received from Mr. Moe Ashley of Ashley Oil, Inc. It gives details of the first well we stimulated for this company. By the end of 2000 we stimulated five more wells for them in this field with very similar results. Mr. Ashley has kindly given us permission to share this information with you.

Richard,

November 5, 1999

I thought you should have a report on the initial results of our first GasGun treatment.

The oil reservoir that I chose to try the first experiment is the Westfield Trenton in Clark County, Illinois. The average well is completed in an open hole interval from about 2,300' to 2,450'. The producing formation is Ordovician age composed of a very tight limestone with an average porosity of 5 percent and permeability less than 1 md in the best part of the pay, which is the bottom 80 feet. There are some small fractures often filled with calcite.

Almost every type of treatment has been tried in the formation including nitro shooting, river frac with large volumes, 100,000 gals fluid, acid treatments, and acid and nitrogen fracs over the years from 1920 to present. The best responses have been with the river fracs performed in the late 1950's. Some wells responded with 200 BOPD production rates, but production declines have been rapid.

Ashley Oil Inc has about 50 old wells in the field, which is unitized for a waterflood which was unsuccessful and since been abandoned. We are now converting the water injection wells back to producers.

For the first GasGun test I have chosen Redman #2. We shot an 8' X 3 1/4" gun because we didn't have a 10' gun prepared in the interval 2,465' to 2,373' on 10-22-99. The fluid level in the hole was @ about 1,200' before the shot and came up to about 300' within an hour after the shot. The well had been off production for about one month waiting to be pulled. Average production before the shot was about 1 1/2 BOPD with very little water.

It took us till 10-30-99 before we could get the well to pump satisfactorily. There was something bothering the valve assembly in the bottom of the hole. Finally the well started pumping and on 10-31-99 it made 17 BO. 11-1-99 it made 20 BO. 11-2-99 it made 22 BO. 11-3-99 it made 22 BO. 11-4-99 it made 18 1/2 BO. I'll keep tabs on the well and keep you posted. The job should pay for itself out of the increased production today or tomorrow. We plan to do well number two next week. Thanks for your efforts, but get us some 10 foot guns.

Moe