

Attachment to Form 9-331
East Shugart Unit #12
2310' FNL, 990' FWL
Sec. 35, T18S, R31E,
Eddy County, New Mexico

Operator: Atlantic Richfield Co.
P.O. Box 1978
Roswell, N.M. 88201

friction reducer & 54,000# of 20/40 sand in six stages. Used rock salt in brine water to divert stages & temperature surveys to monitor treatment. Washed sand off BP & POH w/same. Loaded hole. Perf'd Yates 2694', 2700', 2708', 2732', 2737', 2797', 2816', 2822', 2852', 2858' & 2868' w/1 JSPF. Set BP @ 2950'. Tested BP to 3000# for 30 min. OK. Spotted 350 gallons 15% regular HCL acid across Yates perfs 2694-2868'. Treated Yates perfs 2694-2868' w/750 gallons 15% regular HCL acid & 20 RCN balls. Balled out @ 3800#. Job complete @ 2:00 PM 7/29/69. Frac'd Yates perfs 2694-2868' w/40,000# 20/40 sand in 40,000 gallons fresh water containing 4#/gallon J-166 friction reducer. Job complete @ 4:30 PM 7/29. Cleaned out sand, pulled BP. Ran 2" tubing to 3857', ran rods & pump. Now pumping load water.

RECEIVED

AUG 2 1969

S. C. L.
ARTESIA, N.M.