

[illegible]

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

TREATMENT NO. 1 - (Sand Oil) - 3691-3783':
Spotted 500 gals. Dowell 15% Reg. acid on bottom. Let acid set 40 mins., filled hole with 80 bbls. oil. Pressured to 4000# and formation would not break, held 4000# for 20 mins. and then formation broke to 3550#. Pumped acid & 40 bbls. oil into open hole formation 3691-3783' with inj. rate of 7.5 bbls. per min. Ran 2" tubing to 3678'. Pumped an additional 32 bbls. oil into formation at 4300# with inj. rate of 12 bbls. per min. Fractured down 5-1/2" OD casing in open hole 3691-3783' with 1462 bbls. lse. oil, 60,000# sand & 2200# adomite by Dowell, Inc. Max. inj. rate 20.9 bbls. per min., min. inj. rate 12 bbls. per min. Max pressure 4300#, min. pressure 3500#. Time of treatment 1 hr. & 16 mins. Shut down pressure 1800#, dropped to 700# in 6 hrs.

Well would not flow, therefore installed pumping equipment. After recovering all load oil well pumped 11 bbls. new oil in 24 hrs.