

class "C" with 10# sand and 2% CaCl. Mixed and pumped at 1 1/2 BPM at 1500#-2300# pressure. SD and dropped plug. Displaced cmt to 229' with 5 1/2 bbls water at 1/2 - 0 BPM. TP went from 2300# to 2500#.

7/8/82

Waiting on cmt 44 hrs.

7/9/82

Tagged plug at 107' (came up hole 118'). Run bit to 1100'. No cmt. TOH w/ tbq and bit. Halliburton attempted to squeeze. Couldn't establish enough rate (2500# at 1/4 BPM w/ H<sub>2</sub>O).

7/12/82

Ran 4 3/4" bit, drlg plug @ 3225'. Pull bit - prepare to frac.

7/13/82

Ran 118 jts (3648') 2 7/8" tbq open end at 3654'. Western spotted 500 gals 30% acid, 3660-3552, perfs 3552-30. Pull tbq. Ran Howco pkr, set @ 3434'. Treated perfs 3530-52 + open hole 3553-3660 w/ 39,000 gals 2% KCL, 69,000# 12-20 sand, 3000# salt, 3 staged, max 2800#, min 2000#, ISIP 1900# rate 20 BPM. 15 min 1700#, load 1122 bbls. Placed well back on production.