



### Difficulty During Abandonment

At beginning, necessary to kill well with mud, between 9 5/8" and 7" casing. Well blew out between casing strings when well head was removed. Well blew down. Loaded hole with water. After 7" casing was shot at 2400' and 14 joints were pulled, hole unloaded. Well blew down. Loaded hole with water.

### Completion Attempts in Seven Rivers (Read from bottom to top.)

Perf. 3225-3245 and 3250-3275. Swabbed. Mud and water broke in from behind 7" casing. Shut in for abandonment. Acidized perfs. 3280-3415 w/ 1000 gals. @ 1750 psi. No test. Perf. 3280-3310. Made 1 bbl. black dead oil/hr. on gas lift. Perf. 3320-3325. Acidized w/ 1000 gals. @ 1750 psi. Swabbed dry. Perf. 3360-3415. Swabbed dry.

### Workover in San Andres

Squeeze cemented open hole from 4110-4230. Drilled out cement and made new hole to 4250. Acidized. Swabbed 100% water on last test.

Not To Scale

Skematic Sketch of N.M. State A-2

HUMBLE OIL & REFINING COMPANY  
PETROLEUM ENGINEERING DEPARTMENT

DRW. SFH  
CH'D.  
APPR.

SCALE  
DATE 12-10-54  
REV'D

FILE N2