

DRILL
4/13/96

42-003-10335

DT #3
(cont well #5)

WEMAC SOUTH #5

API No. 42-003-10335

**Recompletion To San Andres
(Test Clearfork)**

4-13-96

Procedure

1. MIRU DA & S PU.
2. POH with rods.
3. NU 6" 900 BOP.
4. Release Baker tension type packer and POOH with tbgr. Slip type elevators required for beveled couplings. (Strap tubing coming out)
5. PU 3 7/8" bit and csg scraper.
6. RIH on 2 3/8" tbgr to 8700'.
NOTE. Be careful going through CASING BOWL @ 4643'.
Also note bad casing from 5773-5804 and 6485-6627.
7. POOH.
8. RU Atlas Wireline.
9. RIH with junk basket and gauge ring to 8700'.
10. RIH with CIBP and set at 8700'.
11. Dump bail 10 ft of cement ontop of CIBP.
12. Run bond log from 7300-7000 and 6400-4700.
13. Run carbon/oxygen log from 7300-7000 and 6000-4700.
14. Pending results of logs, perforate Clearfork from 7177-7184 using 3 1/2' csg guns loaded 4 spf.
(Other Clearfork zones of interest: 7160-64, 7132-36, 7107-11)
15. PU Watson TS RBP and Arrowset 2 packer.
16. RIH on tbgr to 7250' and set RBP. Test RBP to 1000 psi.
17. Pull PKR to 7184'.
18. Spot 250 gals of 15% HCL w/ NEFE agents double inhibited.

Wemac procedure continued

19. Pull PKR to 7000'.
20. Breakdown perfs.
21. Swab test and evaluate.
Further perforating and stimulation to be determined.
22. Retrieve RBP and pull tbg to first set of San Andres perfs (TBD)
23. Spot 250 gals acid.
24. FOH with tbg and tools.
25. RU Electric line co. and RIH with CIBP on wl.
26. Set CIBP at 7070'.
27. Perf San Andres at: "to be determined"
28. PU RBP and PKR and RIH on tbg.
29. Set RBP and PKR at depth to be determined by c/o log.
30. Break down San Andres Perfs.
31. Swab test and evaluate.
Further perforating and stimulation to be determined.

**NOTE: PRIOR TO A FRAC OR BEFORE RUNNING FINAL PRODUCTION TBG
A PERMANENT PLUG MUST BE SET AT APPROXIMATELY 5750'
TO ISOLATE THE BAD CASING FROM 5773-5804.**