

INVESTIGATION OF O.C.C.

H. D. McKINLEY WELL NO. 4

MAY 20 1 30 PM '66

1. Run Worth Wells Delta Log in H. D. McKinley No. 5 to determine productive zones.
2. Pull rods and tubing from H. D. McKinley No. 4.
3. Squeeze 5-1/2" casing perforations, 3965-85', with 100 sacks Class C cement with 1.5% Dowell's D-60 and 2% D-33.
4. Drill out to TD of 4290', 4-3/4" hole, using water with non-emulsion additive. If lost circulation occurs, convert to lease crude or light mud.
5. Run Gamma Ray-Neutron Log over open hole interval.
6. Run 2-7/8" regular EUE liner from 4075-4290'. Hang on and cement with 30 sacks Class C with 1% D-60 preceded by 10 barrels CW-7 using Dowell's Slo-Flow technique.
7. Perforate porosity in 4250-90' interval corresponding to completion in Pan American's State A-2 No. 17. If productive, test and place on production. If non-productive, squeeze as in Step No. 3 and perform Step No. 8.
8. Perforate zones in 4110-4250' interval selected by Delta Log run in McKinley No. 5. Test and place on production.
9. If necessary to treat on determining productive zones, acidize with 3000 gallons Dowell Super X Acid (28%) and overflush with 1500 gallons fresh water.
10. Swab well, recover load, test, and place well on production.