HOBBS OFFICE O. C. C. UNION OIL COMPANY OF CALIFORNIA 3 28 PM 13 SOUTH CAPROCK QUEEN UNIT, TRACT 29 - WELL NO. 7-20

In accordance with Rule 111, results of deviation surveys made on the Union Oil Company of California's South Caprock Queen Unit, Tract 29, Well No. 7-20 are furnished as follows:

ANGLE	DEPTH
3/4	360
1/2	692
1/2	1192
1/2	1690
1/2	2190
1/4	2445
1	2948
3	3225

I hereby certify that all deviation tests set forth above are true and correct to the best of my knowledge.

Oil Company of California

Subscribed and sworn to before me, a Notary Fublic in and t Midland Courty, State of Texas, this 29th day of October, 1963.

Helen M. Nichols

CORE NO. 1: 3160 - 3184': Recovered 24', being l_2^{1} dolomite, 2' hard sand, 13' black sand, l_2^{1} ' red and grey sand with no show, 1' of red sand with no show, and 2' of dolomite.