

UNION OIL COMPANY OF CALIFORNIA

FEDERAL #1-22  
AUGUST 1959

Drilled hole with air 2469-4020' with sulfur water entry 3760-68'. Mudded hole up at 4020' and drilled or cored to 4263' T.D. as indicated.

Cemented for lost circulation after mudding up with open end drill pipe hung as follows:

@ 3822' with 50 sx. cement  
@ 3660' with 50 sx. cement  
@ 3272' with 75 sx. cement  
@ 4004' with 125 sx. cement  
@ 3453' with 25 sx. cement  
@ 2700' with 75 sx. cement  
@ 1770' with 125 sx. cement  
@ 1207' with 75 sx. cement  
@ 1020' with 40 sx. cement plus 20 cubic feet strata crete  
@ 965' with 50 sx. cement plus 50 cubic feet strata crete

CORE & DST DATA

Core #1: 4131-51'	Recovered 20 feet with some porosity and show of gas and oil.
Core #2: 4151-91'	Recovered 40 feet with some porosity and show.
Core #3: 4191-4200-1/2'	Recovered 9-1/2 feet with some scattered shows.
Core #4: 4200-51'	Recovered 51' with some pin point porosity.
Core #5: 4253-57'	Recovered 3.2 feet with some porosity and show.
Core #6: 4257-58'	Recovered .75 feet with pin point porosity.
DST #1: 4105-51'	Tool open for 1-1/2 hr. test with no blow at surface. Recovered 1-1/2 feet of drilling fluid, ISIP (30 min): 55 psi, FP: 30 psi, FSIP (30 min.): 30 psi, HP: 1825 psi.