Core Description
Described by D. Braetalin, Union Oil Co.
D. Helmuth, Standard Oil Co.

Core #1 6572-96' Recovered 24'

Top 6572-61
9' Sandstone, med gray to salt & pepper, generally fine grained with scattered mud grains; angular to subangular, firm to hard, generally massive. Common interstitial clay mineral, and common to abundant ferro mags with common fresh muscovite and brown mica. Some thin interbeds and few inclusions dark gray clay. Rare high angle fracture planes with calcite in fractures, also few thin laminae of carbonaceous material. Core bled gas thru mud sheath. In a few places, interval badly broken in barrel. ROCF. Sampled for P & P 6573', 6574', 6577' and 6579'.

6581-61-1/2' 1/2' Siltstone, light to dark gray, badly broken.

6581-1/2-64' 2-1/2' Interbedded sandstone, silt and claystone broken. Sandstone med to dark gray, essentially as described above. Fracture in sand dipping 39°. Abundant interstitial clay and silt. Sand grains predominantly quartz angular to subrounded. ROCF. Claystone, dark gray, with common random oriented fractures.

6584-87' 3' Sandstone, med gray, fine grained, hard, tight, well cemented, predominantly quartz, but with abundant ferro mages.
Abundant fresh biotite flakes giving faint lineation - all oriented parallel to bedding plane. Dip 22° fair. Scattered coarse muscovite, abundant interstitial clay. Vertical fractures thru core common with calcite on surfaces. Lower 1' contained clay inclusions suggesting fair 25° dip. ROCF. P & P sample 6584'.

6587-93' 6' Cougre, dark gray, crushed, broken, waxy.

6593-96' 3' Interbedded sandstone and claystone. Sandstone, med dark gray, fine grained, angular to subangular, hard, tight well cemented, broken in part. Abundant quartz, common ferro mages and mica.

DEB: Abf

NOTE: H. SMITH

GEOLOGICAL SURVEY RECEIVED OCT 1 1966 LOS ANGELES

NOTE: SOLANA'S

NOTE: LaVelle

SCANNED