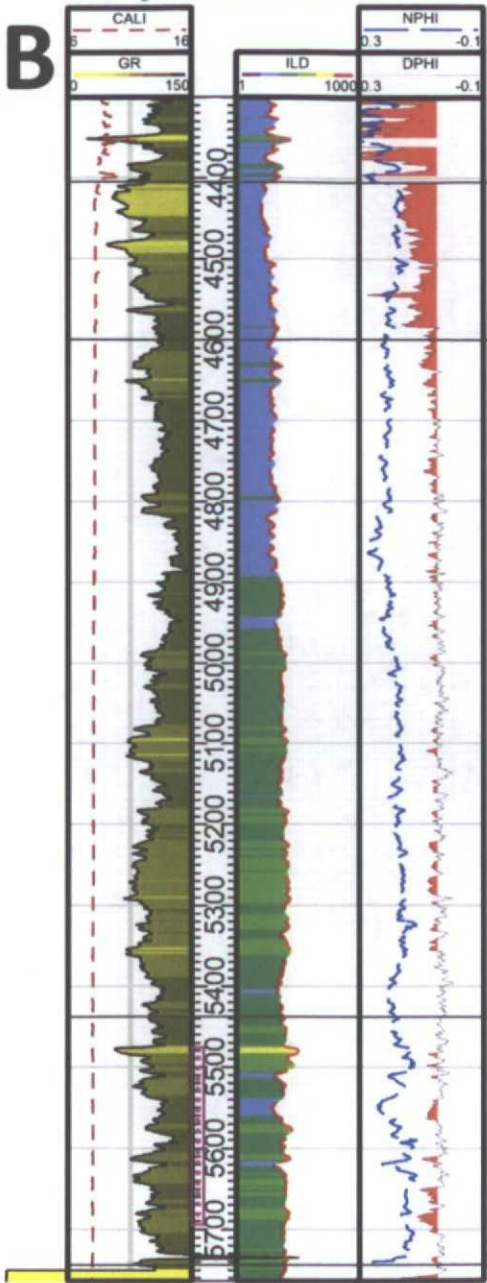


Geologic Exhibit 5

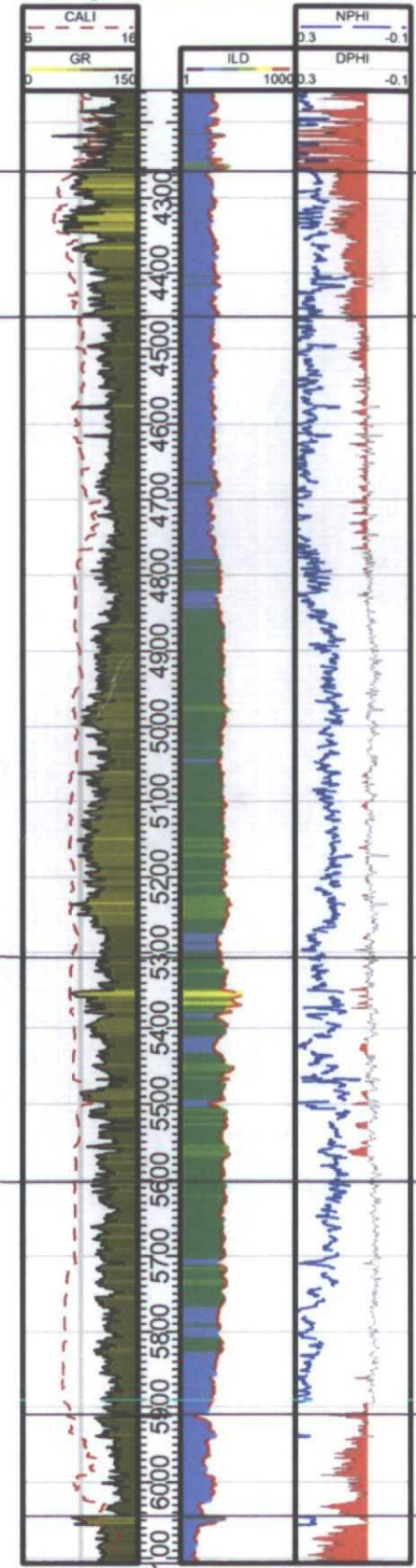
DOME FEDERAL 28-23 1

DOME PETROLEUM LTD
SPUD DATE : 5/80
TD : 5,764
Twn-Rge-Sec : T23N R6W S28



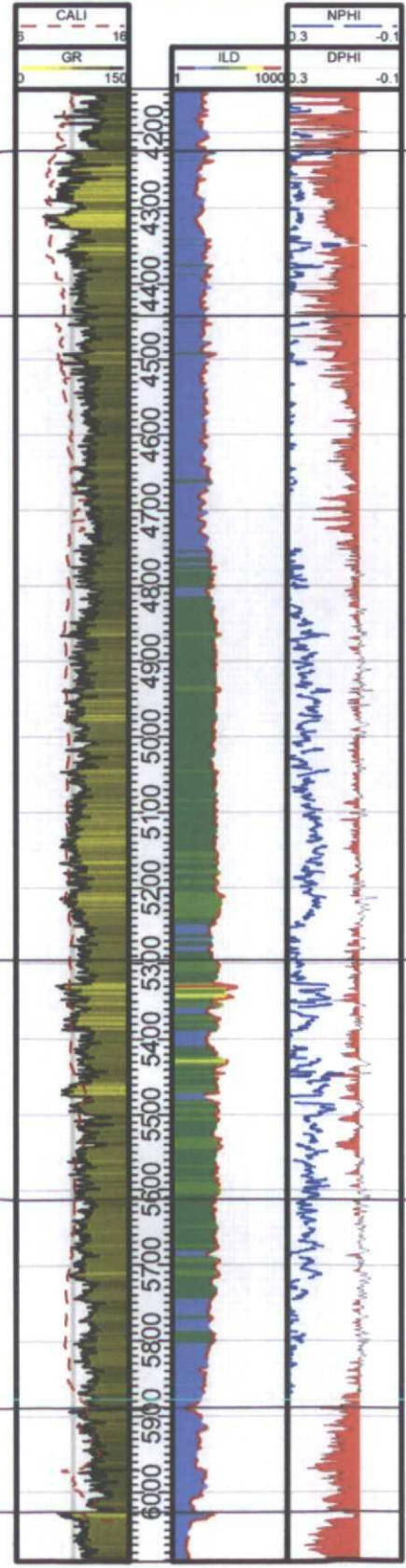
GULF-FEDERAL 1K

CHACE OIL CO INC
SPUD DATE : 8/84
TD : 7,759
Twn-Rge-Sec : T23N R6W S26



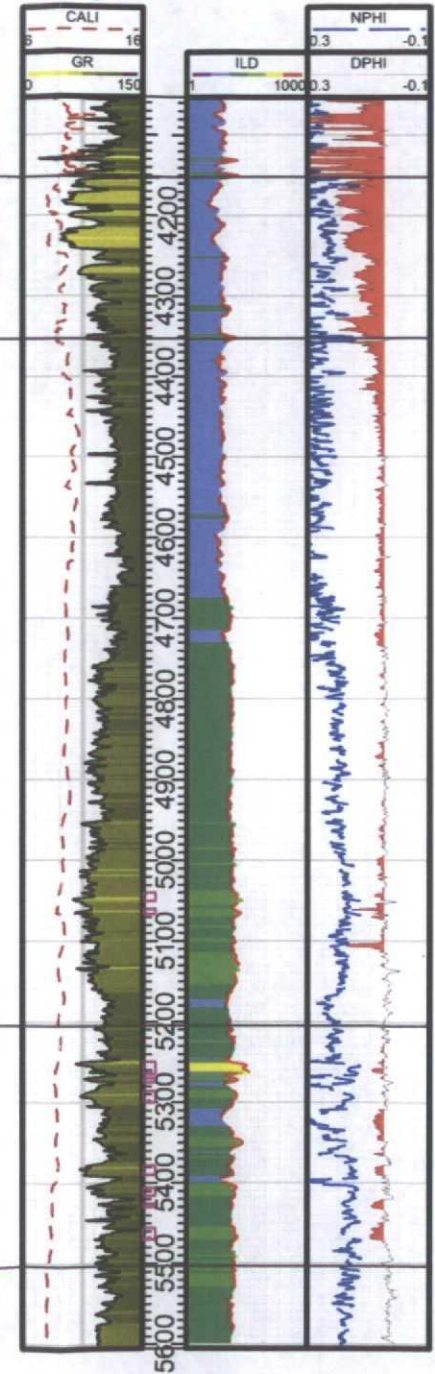
GALLO CANYON 1

GULF OIL CORP
SPUD DATE : 9/83
TD : 12,500
Twn-Rge-Sec : T23N R6W S26



GULF STATE - 36 1

LOBO PRODUCTION INC
SPUD DATE : 9/82
TD : 5,605
Twn-Rge-Sec : T23N R6W S36



Point
Lookout

Mancos

Gallup

Base
Gallup

Juana
Lopez

Carlile

Stratigraphic Cross Section B-B'
Datum Top Mancos