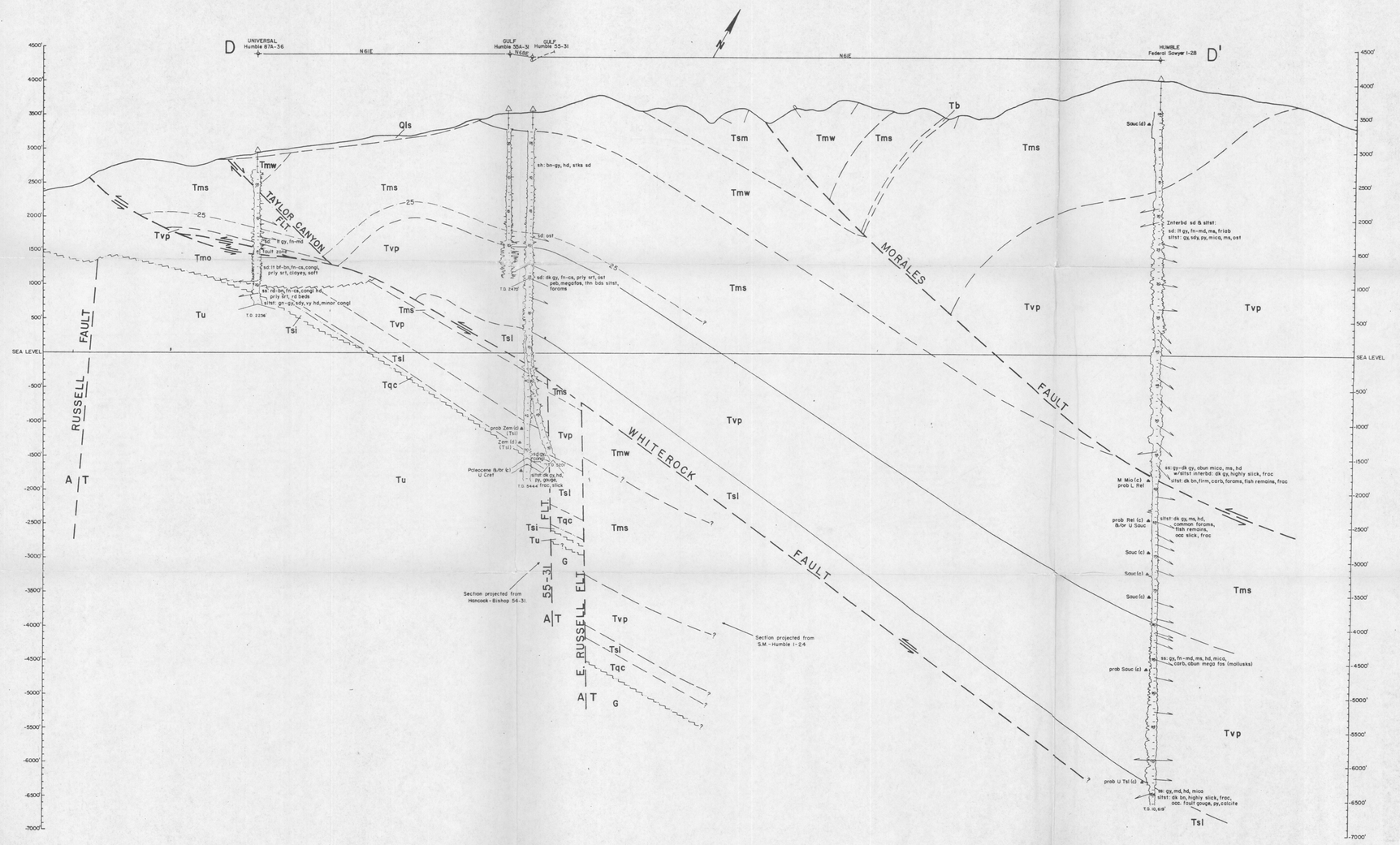
OREGON STATE UNIVERSITY, CORVALLIS LD416 1986 C32



EXPLANATION

- Qg — River sand and gravel
- Qya — Younger alluvium, unconsolidated
- Qls — Landslide rubble
- Qoa — Older alluvium, semiconsolidated
- unconformity
- Tmo — MORALES FORMATION; sandstone, siltstone, and claystone; nonmarine
- unconformity
- Tsm / Tsd — SANTA MARGARITA FORMATION; sandstone and siltstone; Tsd, diatomite
- MONTEREY FORMATION
  - Tmw, Whiterock Bluff Shale Member, Monterey Formation; siltstone, laminated, abundant foraminifera
  - Tbc, BRANCH CANYON SANDSTONE; sandstone, massive
  - Tb, basalt
  - Tms, Saltos Shale Member, Monterey Formation; siltstone, laminated, abundant foraminifera.
  - Tmm, MONTEREY FORMATION, undifferentiated
- VAQUEROS FORMATION
  - Tvp, Painted Rock Sandstone Member; sandstone, silty in lower part, (Dibblee sand)
  - Tsl, Soda Lake Shale Member; siltstone, common foraminifera, (Colgrove shale)
  - Tqc, Quail Canyon Sandstone Member, sandstone, (Colgrove sand)
  - Tv, VAQUEROS FORMATION, undifferentiated
- Tsl — SIMMLER FORMATION; conglomerate, sandstone, and siltstone, red to variegated
- unconformity
- Tu — Unnamed pre-Oligocene sedimentary rocks; sandstone, siltstone, and minor conglomerate
- unconformity
- G — Granite or gneiss

QUATERNARY / TERTIARY / TERTIARY &/OR CRETACEOUS; HOLOCENE; MIOCENE (?) & PLIOCENE; MIOCENE; OLIGOCENE; EOCENE &/OR OLDER

Map View — HAMMERSLOUGH Kohler 5-10, 6-10, 4-10; Operator — BISHOP; Well name — Chorum 6; Well projected into section; Operator; Well name; Line of section

Section View — SEA LEVEL; Well location; Surface dip; Overturned dip; Diameter; Redrill T.D. 6435'; Core dip; T.D. 6500'; Total depth of well; Souc; Paleontologic age determination

Diameter and surface dip corrected for line of section.

- Formation contact, dashed where inferred, queried where uncertain.
- Unconformity, dashed where inferred, queried where uncertain.
- 15 — Electric-log marker, broken dash where inferred, queried where uncertain.
- 25 — Contoured horizon/electric-log marker.
- Contoured horizon/electric-log marker/formation contact.
- A T — Fault, dashed where inferred, queried where uncertain, arrows show relative vertical direction of movement, letters show relative horizontal movement (A=away, T= toward).

Plate VIII

Geology by
J. A. Calhoun
Oregon State University
1985

Paleontology

Luis	Luisian	L	Lower
Rel	Relizian	M	Middle
Souc	Soucesian	U	Upper
Mio	Miocene	Bar	Barren
Zem	Zemorrian	ND	Non-diagnostic
Cret	"Cretaceous of Cuyama Valley"		

Lithology

congl	conglomerate	aren	arenaceous
gvl	gravel	volc	volcanics
osd	oil sand	biot	biotite
ost	oil stained	mic	micaceous
ss	sandstone	mmic	micromicaceous
sd	sand	py	pyrite
sdy	sandy	calc	calcareous
sltst	siltstone	phos	phosphatic
slty	silty	bent	bentonitic
sh	shale	ppy	porphyry
clyst	claystone	qtz	quartz
clyey	clayey	qtzite	quartzite
cly	clay	mar	marine

Color

rd	red	wh	white
bf	buff	yl	yellow
bn	brown	dk	dark
blk	black	lt	light
gy	gray	mtd	mottled
bl	blue	var	variegated
gn	green	choc	chocolate
mrn	maroon		

Bedding

ms	massive
lam	laminated
interbd	interbedded
prly bd	poorly bedded
thn bd	thinly bedded
frac	fractured
slick	slickensides

Grain Size

fn	fine
md	medium
cs	coarse
peb	pebbly
cob	cobbles
bldrs	boulders

Other

prob	probably
occ	occasional
abun	abundant
w/	with
vy	very
stks	streaks
hd	hard
fos	fossiliferous
megafos	megafossils
forams	foraminifera
c	core
sws	side-wall sample
d	ditch
OH	Original Hole
TD	Total Depth
RD	Redrill

Sorting

prly srt	poorly sorted
w srt	well sorted
sbrd	subrounded
w rd	well rounded
sbang	subangular
ang	angular
friab	friable
cont	continental

HORIZONTAL AND VERTICAL SCALE
0 500 1000 2000 Feet

Drafting by Paula L. Pitts