Pismo Formation, Miguelito Member
possibly containing contact with Monterey Formation

Depth (feet)

0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400

Drilled by Painted Hills Oil Association (1927)

(Depth 2,287 feet)

(No data available)

Lithology

Log and Core Record

Samples

CS = core sample

(X feet) = recovery

Paleontology Report

Preferred
Formation Picks

Log and Core Record

Samples

CS = core sample

(X feet) = recovery

Paleontology Report

Preferred
Formation Picks

0

Depth (feet)

0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400

SHELL, sand, hard

SHALE, hard brown (2 feet)

SHALE, hard brown

SHALE, hard brown with streaks of sand

SHALE, hard brown (3 feet)

SHALE, hard brown

SHALE, fractured, brown to gray (3 feet)

SHALE, hard, light brown to gray

Dark and light brown banded platy silt shale

Dark and light brown banded platy silt shale

Dark and light brown banded platy silt shale

API 07800310

Pacific Gas and Electric Company

PLATE E2

Log of the Pecho 1 Well

File Path: S:\1005\020\QA_GIS\Final_Figures\Plate_E2.ai; Date: 04/18/2014; User: Alex Remar

DCPP GEOLOGIC MAPPING PROJECT
Stratigraphic Interpretations

Log and Core Record

Samples
CS = core sample

Paleontology Report

Electric Log

Lithology

Prefered Formation Picks

Hall (1982, 2011)

CaDOGGR (R. Brunetti)

Depth (feet)

0

200

400

600

800

1,000

1,200

1,400

1,600

1,800

Coarse gravel, 201 to 210 feet*

Sand, 785 to 795 feet*

Sand, 795 to 805 feet*

Unconformity

Very sandy with bulimina and spicules

SAND, brown, with Lower Mohnian fauna

SAND, medium coarse to coarse, varicolored with pink radio. chert

SANDSTONE, "basement debris" at 1560 feet

SANDSTONE, medium coarse to coarse, varicolored with pink radio. chart

SANDSTONE and LIMESTONE

LIMESTONE and SANDSTONE

SANDSTONE, "basement debris" at 1560 feet

SAND, 785 to 795 feet*

SAND with shake fragments

SAND, brown, with Lower Mohnian fauna

SAND, very coarse to coarse, shaly with Lower Mohnian fauna

SAND, brown with Lower Mohnian fauna

Very sandy with bulimina and spicules

Coarse gravel, 201 to 210 feet*

Quaternary alluvium

Pismo Formation, Squires, Bellevue, and/or Gragg Members or Careaga Formation

Pismo Formation, Miquello Member or Monterey Formation

Miquello Member or Monterey Formation

Pismo Formation, Miquello Member and/or Edna Member or Monterey Formation

Pismo Formation, Miquello Member or Vaqueros Fm. or Franciscan sandstone

Paso Robles

Paso Robles

Paso Robles

Franciscan Formation (greywacke)

Monterey Formation? Pismo Formation

Monterey Formation

Miocene?

Pismo Edna or Monterey Fm. or Vaqueros Fm. or Franciscan sandstone

Franciscan Formation?

Franciscan Formation? Pismo Formation

Franciscan Formation

Serpentine

Serpentine

Serpentine

Serapentine, 1,745 to 1,749 feet

Serpentine, 1,745 to 1,749 feet

Serpentine
The document contains a log and core record of the Honolulu-Tidewater 1 Well, detailing the lithology, structure, and paleontology notes. The log includes depth intervals, with corresponding descriptions of the rock layers encountered, such as shale, limestone, and siltstone, along with notes on bedding attitudes and electric log data.

The log and core record is accompanied by dip log and core record data, including dip survey reliability, core recovery, and formation picks. The log also notes the presence of foraminifera, calcite veins, and other geological features.

Additional notes on the formation picks and dip survey reliability are included, along with structural interpretations based on the log data.

The document also contains a table with depth intervals and corresponding lithology descriptions, as well as a series of geological formations and intervals, such as Obispo, Monterey, and Pismo Formations.
Owner: TideWater Associated Oil Company, purchased by Chevron Texaco

Location (NAD 83, State Plane Zone V, feet): 5700463 E   2293800 N

Elevation, top of well:  Approximately 381 feet

Year drilled:  1954                                                                 Total depth: 6,146 feet

API 07900478

Exploration and Production Co.

6,146 feet

T.D.

SHALE, hard, dark gray, to sandy light gray (0.25/10 ft.)
devitrified (5/7 ft.)

TUFF, hard, vitric, and GOUGE, some tuff softer and
limestone, and tuff, highly slickensided with sheared

SHALE, hard, dark gray, with inclusions of sandstone,

TUFF, hard, greenish to reddish brown, vitric (4/8 ft.)
slickensided (5/29 ft.)

SANDSTONE, hard, dense, and SHALE, gougy,

TUFF ?  fragments (5/21 ft.)
with bentonite (6/6 ft.)

TUFF, fairly hard light gray to greenish gray, calcareous,

TUFF, very hard, fine-grained, light gray with thin green
streaks of sandstone and bed of bentonitic tuff (4/8 ft.)

SHALE and TUFF, hard, dark brown, calcareous shale with
fracture fillings (2/2 ft.)

TUFF, very hard, fine-grained, light gray with thin green
streaks of sandstone and bed of bentonitic tuff (4/8 ft.)

SHALE and TUFF, hard, dark brown, calcareous shale with
fracture fillings (2/2 ft.)

TUFF, hard, dark grey, with inclusions of sandstones
bentonite, gray (3/18 ft.)

TUFF, hard, grey, with inclusions of sandstone
bentonite, clay and GOUGE, more soft and
dissolved (5/7 ft.)

SHALE, hard, dark gray, to sandy light gray (0.25/10 ft.)

Tuff, hard, dark gray, to sandy light gray, frankenstein;
Tuff, hard, dark gray, to sandy light gray, calcareous
dark shale, devitrified shale, and tuff (5/9 ft.)

LIMESTONE, light brown, argillaceous, with bands of
darker calcareous shale, tuff, dark grey tuff, and
dark shale, with sheared fractures and tuff, 2/1 ft.

SHALE and LIMESTONE, interbedded, brown, dense, with
inclusions of sandstone, tuff, and tuffaceous shale
SANDSTONE, very fine-grained, very calcareous, with
sandstone and bed of tuff, numerous slickensides (6/17 ft.)

SHALE, calcareous, interbedded with tuff, LIMESTONE, and other amounts of clay, making up
25% of the core (17/7 ft.) (P.4/5 ft.)

SHALE and LIMESTONE, light brown, argillaceous, with bands of
dark calcareous shale, tuff, dark grey tuff, and
dark shale, with sheared fractures and tuff, 2/1 ft.

TUFF, firm, light grey, transgressive with course crystalline
beds and dark shale inclusions (19710/10 ft.)

LITHIUM, calcareous, with bands of
dark calcareous shale, tuff, dark grey tuff, and
dark shale, with sheared fractures and tuff, 2/1 ft.

LIMESTONE, very hard, dense, with some shale,
TUFF, firm, light grey, transgressive with course crystalline
beds and dark shale inclusions (19710/10 ft.)

LIMESTONE, firm, light gray, fine-grained with coarse crystalline
beds and dark shale inclusions (19710/10 ft.)

LIMESTONE, light brown, argillaceous, with bands of
dark calcareous shale, tuff, dark grey tuff, and
dark shale, with sheared fractures and tuff, 2/1 ft.

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LIMESTONE, very hard, dense, with some shale,
LIMESTONE, firm, light grey, transgressive with course crystalline
beds and dark shale inclusions (19710/10 ft.)

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