TWO STATE OIL & GAS COMPANY
Tahoe City, Calif.

Descriptions of Well Samples

Page 2

Not recorded (Holladay Drilling Co.)

Fine silt: soft (Borden & Co., Drilling contractor)

Sandstones: whitish gray, silty, very fine grained, firm.

Sandstones: whitish gray, silty fine, with scattered coarse fragments of basalt and gray chert, slightly calcareous.

Sandstones: as above.

Siltsites: light gray, firm.

Sandstones: whitish gray, fine to medium grained, quartzose, firm, containing scattered fragments of rounded basalt, some ptygmation.

Siltsites: similar to above but siltier.

Siltsites: light gray, firm, slightly calcareous, with occasional fragments of basalt, some pyrite.

Siltsites: whitish gray, fine, no basalt fragments.

Sandstones: light brown, hard, silicified, quartzose, some feldspar and scattered subrounded pieces of basalt.

Sandstones: whitish gray, friable, quartzose, subrounded grains, broken, some Cecile, some calcite and scattered pieces of basalt and gray chert. Fairly calcareous.

Sandstones: as above but with fragments of volcanic glass, some pyrite.

Sandstones: light gray to light brown, hard to firm, medium grained to silty, composed of subrounded grains of quartz and feldspar. Scattered pieces of basalt and large quartz grains, partly silicified.

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Two State Oil & Gas, Malheur County

Sandstones: whitish gray, fine grained, silty, firm, with occasional medium sized fragments of basalt.

Sandstones: light brown, hard, medium grained, silicified, composed of quartz and feldspar. Scattered pieces of basalt.

Siltsites: light gray, fine sandy, firm, with scattered fine pieces of basalt.

Sandstones: light brownish gray, hard, silicified, quartzose, with medium sized pieces of basalt.

Siltsites: light gray, firm to very firm.

Basalt: black, hard, microcrystalline, with olivine, some pumice and some calcite.

Basalt: as above but with some quartz veins cutting through it, also some calcite in the veins.

Altered Basalt: dark pinkish gray, with quartz and calcite veins, some pyrite, some chloritization.

Basalt: black, hard, microcrystalline with very little quartz or calcite.

Sandstones: grayish black, friable, medium grained, basaltic, containing some quartz and calcite.

Basalt: black, hard, microcrystalline, with fine veins of quartz, some calcite.

Siltsites: whitish green, friable, partially altered to clay, some scattered fragments of basalt ranging from coarse to pebble sizes.

Shale: grayish black with inclusions of light green siltsites.

Siltsites: whitish green, firm; partially altered to clay, with medium to coarse friable sand composed of quartz, feldspar and basalt fragments.

Sandstones: medium gray, friable to firm, with some coarse basalt fragments. Partially cemented with lime and silica. Some thin layers of white silicified interbedded.

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Two State Oil & Gas, Malheur County

Sandstones: as above, some gypsiferous.

Siltsites: as above, with gypsiferous, some volcanic glass, lighter than above.

Altered Basalt: dark pinkish gray, firm, quartz veining, partly silicified.

Sandstones: medium gray, friable, medium grained, light, quartzose, with fragments of the above described basalt.

Samples described by T.C. Newton Jr., Petroleum Engineer, State of Oregon Department of Geology and Mineral Industries.