ZU-2, (2W2)

T. 24 Rge. 11W Sec. 11

Core Descriptions

Core #1: Misener

3744-3757 Recovered 11½'. (6-1/8" Corehead)

3744-3746 Chert; Sharp and partly weathered, white plus occasional granular, slightly dolomitic chert with thin green shale lamina. Poor visible porosity, some microscopic hairline fractures. Good show of free oil and gas. Fair odor and saturation.

3746-3747 Chert and Shale; Granular chert with minute pinhole porosity plus pebble size chert nodules imbedded in chert and green shale matrix. Fair show of free oil and saturation. Slight odor.

3747-3748 Shale and Chert. Green, waxy and maroon varigated shale with imbedded chert nodules and thin streaks granular chert. Fair show of free oil and saturation. Slight odor.

3748-3748½ Shale; hard, green, dolomitic.

3748½-3750 Sandstone; green, calcareous, coarse grained, poorly sorted with imbedded chert-in-phosphate nodules. Some pyrite crystals. Good minute vugular porosity. Good show of free oil, saturation and odor. Highly vertical fractures.

3750-3755½ Mostly green shale with thin streaks of maroon shale, dolomitic in part, some vertical fractures.

3755½-3757 Lost core.

Core #2: Viola

3785-3794'7" Recovered 4'3".

3785-3786 Limestone; White, green, dense, coarsely crystalline plus thin streaks of sucrosic dolomite. Poor visible porosity; some vertical hairline fractures. Show of free oil along fractures. Slight odor.

3786-3788 Limestone; Dense, crystalline with imbedded bluish gray sharp, opaque chert and occasional calcite crystals. Some horizontal fractures. Trace of light stain.

3788-3789'3" Chert; Bluish, gray and white, opaque, bedded with occasional partly weathered chert with poor pinhole porosity. Fair show of free oil and light stain. Some fractured porosity bleeding oil.

3789'3"-3794'7" Lost core.

Note: All depths should be moved up the hole 5' to correlate with electric log measurements.

COMPLETION REPORT

Ran 124 joints (checked bottom at 3857' casing tally) 5½" casing. Set 2' off bottom at 3858'