

LITHOLOGIC DESCRIPTION OF SAMPLES SUBMITTED FOR ASSAY^{1/}

Core samples from S & P Corporation Corehole AC-3 drilled in 1965
in NW1/4SE1/4SE1/4 sec 18 (675 ft N/S line and 1315 ft W/E line),
T 11 S, R 12 E, Duchesne County, Utah

Surface elevation: 7765 feet
Sampled sections: 10-11.9 feet
296.0-303.4 feet
312.3-326.0 feet

From	To	Description
10.0	10.2	Marlstone: very light buff. Laminated to banded.
10.2	10.9	Claystone: very light buff to medium brownish gray with rare dark brownish gray. Laminated to banded.
10.9	11.9	Marlstone: light brownish gray to light olive gray. Massive with some laminations.
11.9	296.0	Not sampled.
296.0	297.0	Siltstone: medium olive gray to light gray. Banded to massive. Common sandstone intervals throughout.
297.0	297.9	Siltstone: medium gray with some light. Some dark brownish gray laminae. Rare disseminated crystals of pyrite.
297.9	299.5	Siltstone: light gray with some medium gray and rare buff. Laminated to massive.
299.5	300.8	Claystone: medium gray. Massive.
300.8	301.7	Claystone and marlstone: medium brownish gray with some dark brownish gray and medium gray. Laminated to massive with rare looped structures. Rare disseminated crystals of pyrite.
301.7	302.0	Marlstone: medium gray with some medium olive gray. Mottled and massive.
302.0	303.4	Marlstone: gray white to very light buff. Massive with rare banding.
303.4	312.3	Not sampled.
312.3	313.2	Siltstone: light to medium gray and light to medium olive gray. Laminated to massive.
313.2	314.1	Siltstone: light gray to light olive gray. Laminated to banded. Common sandstone bands throughout interval.
314.1	314.7	Siltstone: light to medium gray with some light to medium olive gray. Banded.
314.7	315.3	Claystone: medium gray with some medium to dark grayish brown. Laminated to massive.
315.3	316.0	Missing.
316.0	316.8	Claystone: medium gray with some medium grayish brown.
316.8	318.0	Claystone and sandstone: gray white to very light buff. Brecciated and massive.

^{1/} By W. T. Hill, Jr.

Illustration No. SBR-3992P (Sheet 1 of 2)

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Core samples from S & P Corporation Corehole AC-3--Continued

From	To	Description
318.0	323.4	Not sampled.
323.4	324.2	Claystone: medium olive gray. Massive. Some pyritic stringers and crystals.
324.2	325.0	Claystone and marlstone: buff to medium grayish brown. Laminated to banded.
325.0	326.0	Marlstone: light grayish brown. Massive.
326.0	435.0	Not sampled. Bottom of core.

Illustration No. SBR-3992P (Sheet 2 of 2)

Laramie Petroleum Research Center, Laramie, Wyoming

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