



SIDEWALL CORE DESCRIPTIONS

Described by D. Braislin, Union
D. Helmuth, Standard
D. Moberly, Pan American

October 3, 1966

6760'	1-1/2"	Claystone, gray brown, firm, slicked, fractured.
6790'	2"	Claystone, gray brown, massive, firm, slicked surface on incipient fractures, w/abund forams. NOSF.
6815'	2"	Claystone, gray brown, massive, firm, slicked surfaces on incipient fractures. NOSF.
6830'	2"	Claystone, as above.
6850'	2"	Claystone, as above.
6960'	2"	Claystone, as above.
6990'	1-1/2"	Claystone, as above.
*7057'	1"	Tuff, gray firm, weathered, possibly tuffaceous clay. NOSF.
*7105'	1"	Tuff, gray firm, weathered, possibly tuffaceous clay. NOSF.
*7292'	1" 1" (Rec 2)	Tuff, as above Sandstone, (Lithic graywacke ?) gray, fine-course grained, firm, ill sorted, dirty, angular, mud invaded along fractures. NOSF (too tight for P & P analysis).
*7500'	1"	Tuff, dark gray-light gray streaked, firm.
*7600'	1"	Tuff, as above.
*7648'	1"	Tuff, dark gray, firm NOSC, some mineral fluorescence.
*7920'	1"	Claystone, gray-brown, massive, NOSF.
8038'	1"	Claystone, light gray tan, firm, massive, pockets of very fine, gray, angular sand - feldspar laths, calc. NOSF, mud invaded, along fractures.
8055'	1"	Claystone, as above.
8090'	1"	Claystone, light gray, firm, massive, fractures, occasional dark unidentifiable frags.
*8134'	1"	Tuff, dark gray, silty, crystalline, weathered, zeolite filled vugs, NOSF.

* For petrographic analysis

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*8159'	3/4"	Tuffaceous Claystone, dark gray, firm, fractured w/some calcite filling, some open, NOSC mineral fluorescence.
*8175'	1"	Tuff, dark gray, silty, argillaceous, NOSFC.
*8177'	1"	Tuff, dark gray, firm, weathered feldspar laths, greasy translucent mineral (Neph. syenite ?) calcareous, Rare very fine fractures w/aggregates of fine crystals, clear soft, zeolites (?) NOS mineral fluorescence from mud cake, none from interior.
*8284'	1"	Weathered Tuff, light-dark gray, firm, calcareous, dark rock frags, epidote crystals, feldspar laths. NOSF.
8379'	1"	Silty Claystone, gray, firm, massive, slightly calcareous, impregnated w/very fine metallic crystals of high lustre, (pyrite ?) NOSF.
8405'	1"	Siltstone, dark gray, firm, clayey, abundant calcite throughout, common feldspar (?) laths, tuffaceous, NOS mineral fluorescence. Pores filled w/calcite.
8568'	1"	Siltstone, gray, firm, calcareous, invaded by mud along fractures, tuffaceous, NOS mineral fluorescence.
8615'	1"	Claystone, dark gray, silty, soft, probably tuffaceous. NOSF.
8665'	1"	Claystone, dark gray, silty, shot through w/veinlets of calcite, NOS mineral fluorescence.
8672'	1"	Claystone, dark gray, silty, soft, pockets of calcite crystals, tuffaceous NOS mineral fluorescence.
8740'	1"	Siltstone, dark gray, soft, calcareous, tuffaceous, NOSF.
8792'	1 1/4"	Silty Claystone, dark gray, firm-soft, rare glass shards, tuffaceous, NOSF.
8862'	NR	
8873'	1"	Siltstone, dark gray, firm, difficultly friable, calcareous, single fracture calcite filled. NOS mineral fluorescence.
9010'	1"	Siltstone, dark gray, very argillaceous, friable, slightly calcareous, highly tuffaceous. NOSF.
9040'	1"	Siltstone, light gray and claystone dark gray. Irregular contact - siltstone firm, highly tuffaceous, argillaceous, tight, NOSF.

* For petrographic analysis

SW Core Description Run #2

Described by H. Billman, Union, Helmuth, & Moberly
Oct. 11, 1966

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5700'	NR	
5900'	1"	Siltstone, med. gray, firm, friable, argillaceous, NOSF.
6100'	1"	Siltstone, gr-brown, friable, sandy w/pockets of very fn grained sand, slightly calcareous, NOSF.
6200'	1"	Claystone, gray gr-brown, soft, silty, slightly calcareous, NOSF.
6300'	1"	Siltstone, dark gr, very argillac, friable, slightly pyritic, very slightly calcareous, NOSF.
6500'	1"	Claystone, med gray, silty, firm, NOSF.
6700'	1"	Claystone, dk gray, firm, highly frac'd, mod calcareous, NOSF.
7003'	3/4"	Tuffaceous Siltstone, gr-green w/streaks of very fn grained sand. Sand is friable, buff, ang, poorly sorted, mud invaded, very calcareous, NOSCF. Tight.
7024'	1"	Graywacke, fn-med grained, very poor sort, ang-subang, abun feldspar and dark mineral, calcite cemented, highly frac'd w/calcite crystals lining fractures, scattered mineral fluorescence, NOSC, tight.
7025'	1"	Graywacke, as above, trace mineral fluorescence, NOSFC.
8015'	1"	Claystone, gray-brown, firm, waxy, fractured, small amount tuffaceous material. NOSF.
9092'	1"	Graywacke, very fn grained, poorly sorted, abun feldspar, dk mineral, ang-subang argillaceous, firm calcite, difficultly friable, tan-green banded, NOSFC.
*9130'	1"	Graywacke, fn-med grained, poorly sorted, multicolored, abun red, green mineral, ang to well rounded, tight, abun volc. fragments. NOSC, abundant mineral fluorescence.
9165'	NR	
9185'	1-1/2"	Claystone, dark gray, firm, highly fractured, slicked, NOSF.
*9203'	1-3/4"	Claystone, as above, silty. NOSF.
*9245'	1-1/2"	Claystone, gray, gr-brown, as above, no frags, tuffac, firm, NOSF.
*9283'	1-1/2"	Claystone, as above, fractured.
*9337'	1-3/4"	Claystone, as above, slightly silty, frac'd, mud invaded, NOSF.
*9410'	1"	Claystone, as above, frac'd, mud invaded, NOSC, tr mineral fluorescence.
*9425'	1-3/4"	Claystone, as above, frac'd, inclusion of gray tuffaceous material, mud invaded, NOSF.

* Sampled for palynology