

CORE DATA  
PANTHER CITY INVESTMENT CO.- PERRY FEDERAL #3  
(COTTON DRAW UNIT #27)

Core #1: 4613 - 4690. Cut and recovered 77'.  
Commenced coring at 4613 at 9:32 a.m. MST 4-1-61.  
Finished cutting core #1 at 4:04 p.m. MST 4-1-61.  
Gross coring time: 6 hrs. 32 min. Net coring time: 5 hrs. 46 min.

FROM	TO	FEET	DESCRIPTION
4613	4623	10	SHALE - dark gray, very sandy to very shaley sand. No show.
4623	4635	12	SAND - Light gray to dark gray, very tight, hard, shaley, with scattered fluorescence and good odor throughout.
4635	4636	1	SHALE- black, dense.
4636	4639	3	SAND- Light gray to dark gray, very fine, tight, hard, shaley, with scattered fluorescence and good odor, throughout.
4639	4648	9	SAND - Light gray, very fine to medium fine, clean, very friable, soft, excellent odor, excellent solid yellow-green fluorescence.
4648	4650	2	SAND - Light gray, very fine, very shaley, tight, fair odor, trace of fluorescence.
4650	4655	5	SAND - Light gray, very fine to medium fine, clean, very friable, soft, excellent odor, excellent yellow-green fluorescence.
4655	4657	2	SAND - Light gray, very fine, shaley, slightly friable, scattered fluorescence, good odor.
4657	4666	9	SHALE - dark gray, slightly laminated, very sandy, with no show in the tight, hard, sand laminations.
4666	4668	2	SAND - light gray, very fine, clean, soft, very friable, excellent odor and fluorescence.
4668	4671	3	SAND - light gray to dark gray, very fine, tight, hard, very shaley, no show.
4671	4672	1	SAND - light gray, clean, soft, slightly friable, excellent odor and fluorescence.
4672	4673	1	SAND - light gray, very fine, clean, tight, slightly friable, no show.
4673	4674	1	SAND - light gray, very fine, clean, hard, tight, excellent odor and fluorescence.
4674	4676	2	SAND - light gray, very fine, clean, hard, tight, no show.
4676	4679	3	SAND - light gray, very fine, clean, hard, tight, excellent odor and fluorescence.
4679	4680	1	SAND - light gray, very fine, clean, tight, fair fluorescence, good odor.
4680	4683	3	SHALE- black, dense, no show.
4683	4686	3	SAND - light gray, very fine, firm, clean, good to excellent odor and fluorescence.
4686	4688	2	SHALE- black, laminated, scattered trace of fluorescence.
4688	4690	2	SAND - light gray, very fine, to medium fine, clean, soft, friable, with excellent odor and fluorescence.

Core #2: 4690 - 4767. Cut and recovered 77'.  
Commenced coring at 4690 at 8:13 p.m. MST 4-1-61.  
Finished coring at 4767 at 1:51 a.m. MST 4-2-61.  
Gross coring time 5 hrs. 38 min. Net coring time 5 hrs. 23 min.

FROM	TO	FEET	DESCRIPTION
4690	4695	5	SAND - light gray, very fine, clean, slightly friable, excellent odor and fluorescence.
4695	4702	7	SAND - light gray, very fine, tight, very shaley, no show.
4702	4710	8	SAND - light gray, very fine, tight, with laminated fluorescence and good odor.
4710	4716	6	SAND - very fine, light gray, clean, slightly friable, with excellent splotched fluorescence, good odor.
4716	4720	4	SHALE- Black, with numerous thin sand laminations, trace of fluorescence, slight odor.
4720	4736	16	SAND - light gray, very fine, slightly friable, trace of fluorescence and odor except for the interval 4728-4728½, in which an excellent show was noted.
4736	4739½	13½	SHALE- Dark gray, highly laminated, no show.
4739½	4740	½	SAND - light gray, very fine, clean, tight, with excellent fluorescence and good odor.
4740	4750	10	SAND - dark gray, very fine, very shaley, very hard and tight, no show.
4750	4756	6	SAND - dark gray, very fine, slightly shaley, very hard and tight, no show.
4756	4758	2	SAND - dark gray, very fine, very shaley, very hard and tight, no show, grading to sandy shale.
4758	4766	8	SAND - dark gray, very shaley, very hard, very tight, no show.
4766	4767	1	One foot missing when described.