

PERRY R. BASS
T. P. STATE NO. 1

CORE NO. 2

Cut core #2: 4387-4389, from 2:00 a.m. to 4:30 a.m., 5-14-64. Core barrel jammed.

4387 - 4388' was lost.

4388 - 4389', recovered 1' of sand -- red, very fine, tight, well-cemented, anhydritic, with scattered trace of gray sand patches.

CORE NO. 3

Core #3; 4389-4436'.

Cut 47', recovered 46'.

Started coring at 10:06 p.m., 5-16-64.

Finished coring at 2:05 p.m., 5-17-64.

Total Coring Time: 15 hours, 59 minutes.

Net coring time: 15 hours, 33 minutes. (Down 12 minutes for connection at 4395', and down 14 minutes for connection at 4426'.)

Cut with 7-13/16" x 4-3/8" core head, Serial #T-425. Rotary RPM; 37.5. Pump pressure 700 psi, weight on corehead 20,000#.

Mud weight 9.9#/gal., viscosity 75 - 85 sec., water loss 13 cc.

CORING TIME - MIN/FT: 8-11-12-13-14-16-22-20-14-16-16-16-16-14-10-8-16-10-20-18-22-24-24-24-24-26-22-20-22-22-26-28-21-24-22-26-24-21-23-24-27-26-24-22-28-22-25.

FROM	TO	LENGTH	DESCRIPTION
4389	4391	2'	SAND - Light red to gray, very fine, tight, shaley, and anhydritic.
4391	4393	2'	SAND - gray, tan, very fine, slightly arcasic, anhydritic, slight pink coloration. Trace of scattered large anhydrite nodules.
4393	4395½	2½	SHALE - red, very sandy, anhydritic, with anhydrite nodules.
4395½	4397½	2	SAND - gray, tan, very fine, hard, well-cemented, anhydritic, slightly arkasic. Light tan stain, dull gold fluorescence.
4397½	4399½	2	SAND - as above, with scattered zones of pink anhydritic sand. Fair scattered light stain, dull gold fluorescence.
4399½	4400	1/2'	SAND - tan to brown, medium fine, friable, clean. Excellent stain, excellent gold fluorescence.
4400	4401	1'	SAND - gray, dense, tight, well-cemented, very fine, anhydritic, stain is fair, with scattered light dull gold fluorescence.
4401	4403	2'	SAND - tan, very fine to medium fine, tight to slightly friable, 1/4" laminated zones with heavy gilsonite residue, good to excellent stain, dull-gold fluorescence.
4403	4404	1'	SAND - tan, very fine to medium fine, slightly friable, tight, excellent stain, excellent gold fluorescence.
4404	4405	1	SAND - light tan, very fine, hard, tight, well-cemented, anhydritic, light tan stain, fair gold fluorescence.
4405	4405½	1/2	SAND - as, above, tan, very fine, tight, with excellent stain in laminated zones. Light to good stain, fair gold fluorescence.
4405½	4408½	3'	SAND - red, very shaley, anhydritic, tight, very fine, with scattered inclusions of small anhydritic nodules. No stain, no fluorescence.
4408½	4409	1/2	DOLOMITE - light tan, dense, very-fine, crystalline, with anhydritic nodules. No stain, no fluorescence.
4409	4411	2'	ANHYDRITE - pink, with scattered inclusions of red sandy dolomite. No stain, no fluorescence.
4411	4415	4'	DOLOMITE - tan, very fine crystalline, dense, slight pink cast to red, very sandy dolomite. No stain, no fluorescence.
4415	4416	1'	DOLOMITE - gray to green, dense, sandy, anhydritic. No stain, no fluorescence.
4416	4427	11'	ANHYDRITE - gray, with scattered red shale streaks.
4427	4429½	2½	DOLOMITE - tan, dense, very fine crystalline, massive, anhydritic.
4429½	4435	5½	ANHYDRITE.
4435	4436	1	Not recovered.