

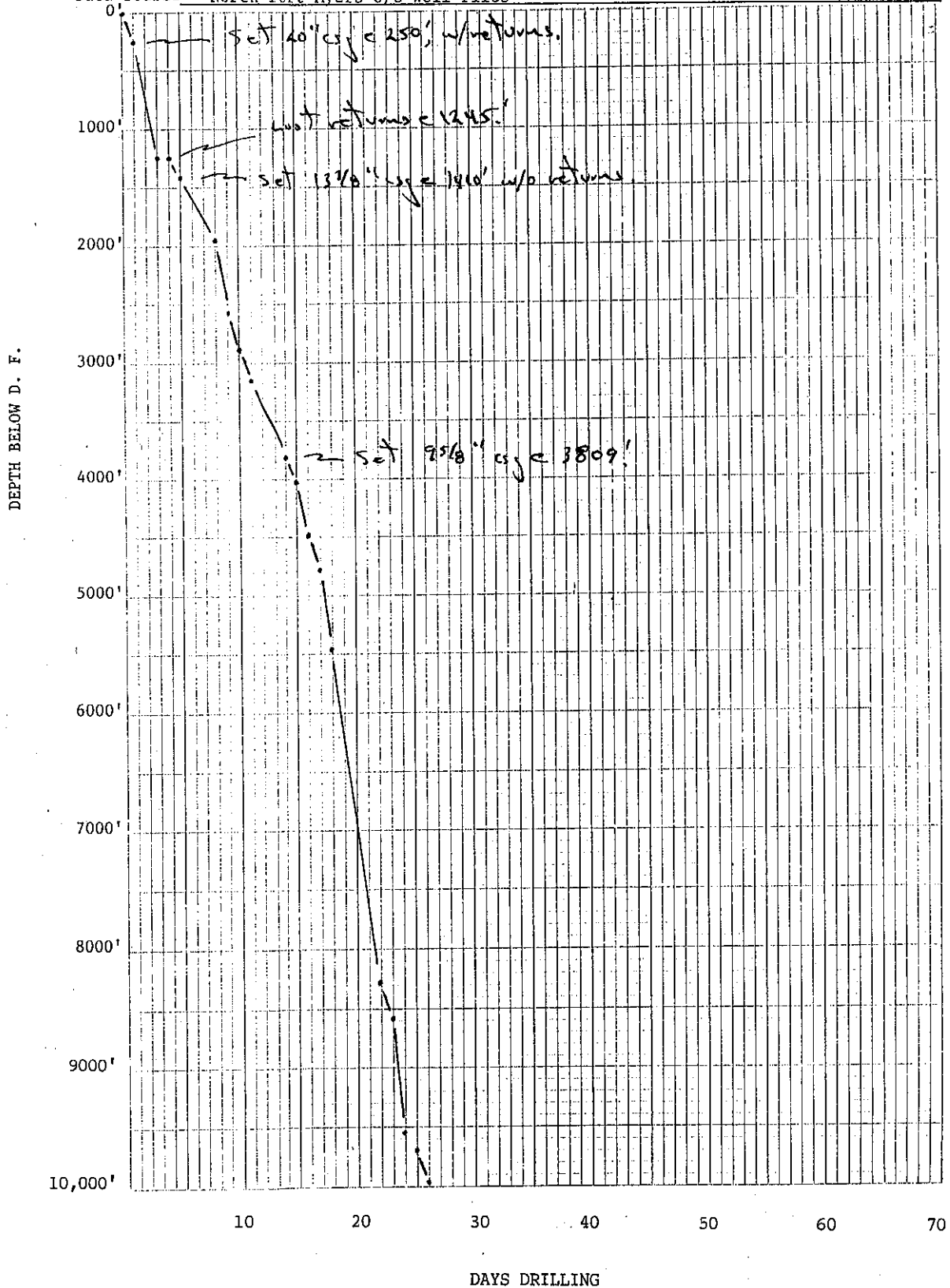
Well No. 713 [W-12,526] Elevation G.L. 16.8' D.F. 32.3' K.B. 33.3'

Location 920' FSL, 1520' FWL County Collier

1 1 1 Sec. 29 T 49S R 31E TD 11,907'

Well or Owner's Name Diamond Shamrock (R. D. Reynolds/Superior) 29-3 Gerry Bros.

Data Source North Fort Myers O/G Well Files



PERMIT #713

W-12,526

R.D. Reynolds

#29-3 Gerry Brothers

920' FSL 1520' FWL

Sec.29 T49S R31E

Immokalee 4 NW Quad, Collier County

GL:16.8' DF:33' TD:11,907'

Spud:9/9/74 P&A:4/26/79

Brief lithlog of washed cuttings. Sample quality is good. Washed & unwashed cuttings samples are available at the Florida Geological Survey cuttings library in Tallahassee. Lithlog by R.S. Caughey, October, 1996

<u>Depth</u> <u>FT</u>	<u>Description</u>
0-57	Ls, wh, very pale orange (vpo), lt gray, v fos, some moldic, most v por, sdy-v sdy, minor phos
57-88	Ls, wh & lt gray, sdy-v sdy, sltly phos, v fos, por, moldic
88-118	Ls, largely vpo, v sdy, v fos, sltly phos; some lt gray, v sdy, v fos, sltly phos Ls; a little vpo, calc Ss, minor vpo, chalky, fos Ls
118-148	Largely loose coarse & pebble size, rnd-subrnd Qz grs/grns/pebbles; 1% phos grs/grns
148-178	75% loose Qz sand as above; 25% mollusk shell fragments
178-208	Loose Qz sand as above, minor phos grs
208-234	Loose Qz sand as above; 2-5% phos grs/grns & a few pebbles; minor shell fragments, Ls, Ss (maybe cavings); a few pieces of Sltst & clays, one shark tooth
234-264	80% loose Qz sand, fg-med, some coarse & a few pebbles; 1-2% phos grs/grns & a few pebbles; 20% yellowish gray, v silty, calc Ss
250-280	20% phos grs/grns/pebbles/fossil fragments; 30% loose Qz sand, fg-med-crse-pebbles; 50% yellowish brn, silty, clayey, calc Ss & sdy silty clay & clayey, sdy, Sltst
280-310	Loose Qz sand & phos as above & 75% yellowish brn, silty, sltly sdy, calc clays; phos 10-20%
310-340	60% wh-vpo, chalky, sltly sdy, v fos Ls, com cheilostome bryozoa; 40% pale olive to dk olive clays & silty clays
340-370	Wh, vpo, yel gray, gray yel, v fos, silty, clayey, sdy, sltly phos Ls, abundant cheilostome bryozoa; 1-2% phos as minute grs & specks

Permit 713, W-12,526, R.D. Reynolds, #29-3 Gerry Bros., Immokalee 4 NW Quad

<u>Depth</u> <u>FT</u>	<u>Description</u>
370-400	85% Ls as above; phos 1-3%; 15% yellowish brn Dol, fg-med xln, sltly vuggy, phos
400-430	No sample
430-460	50/50 Ls/Dol as above
460-490	65% Ls as above; 35% Dol as above; rare Qz & phos pebbles; cheilostome bryozoa common.
490-520	80% wh, fg, chalky, sltly phos, v fos Ls; 20% Ls as above; numerous cheilostome bryozoa.
520-550	50/50 Ls mix as above; minor yel brn fg xln Dol
550-580	About equal mix of the two Ls as above & a fg xln, phos, vpo to yel brn Dol, overall phos 2-5% as small grs; common cheilostome bryozoa.
580-620	Mix of two Ls as above & 10-15% Dol as above; overall phos 2-4% as small grs; common cheilostome bryozoa.
620-650	Yellowish gray, clayey, silty, fg, v fos, sltly moldic, sltly phos Ls; <i>Sorites</i> present
650-680	Wh & yel gray, fg, chalky, clayey, silty, sltly phos, fos Ls, some has been weakly to moderately dolomitized by fg, xln, yel gray Dol; overall phos 2-4%
680-710	Ls as above; minor Dol as above & 5-10% bl & brn phos grns/pebbles & fossil fragments; some Qz grns
710-740	60% dk olive, clayey, calc, Sltst with abundant diatoms; 40% mix of yel gray & wh, chalky, fos, phos Ls & minor Dol as above
740-770	Mix of wh, med-stgly rexal, v fos Ls; wh, yel gray, chalky Ls as above; minor yel brn, vpo, v fg-fg xln Dol; com-num cheilostome bryozoa; 1-2% loose phos grs/grns; Dol carries phos grs, Ls carries little to no phos
770-800	Mix of Ls; most is wh, med-stgly rexal, v fos; some wh & yel gray, chalky, phos, fos; minor Dol as above; 10-15% is wh-vpo, por, gran, fos Ls w/o sand or phos
800-830	60% Dol, v fg-fg xln, olive gray, little to no phos, rare cheilostome bryozoa impression; 30% Ls mix as above; rare olive, clayey Sltst; 10% bl, brn phos grs/fossil fragments

Permit 713, W-12,526, RD Reynolds, #29-3 Ger. Bros., Immokalee 4 NW Quad

<u>Depth</u> <u>FT</u>	<u>Description</u>
830-860	Ls & Dol mix with 1-2% phos grns/fossil fragments; Ls vary from chalky to sdy, phos to part rexal, v fos; some are weakly dolomitized; Dol is v fg-fg xln, vpo to yel gray & phos & non-phos
860-890	Mix of various Ls & Dol as above; 1-2% phos grns/fossil fragments; overall phos 2-4%
890-920	Vpo, por, weakly-moderately rexal, v fos Ls, w/o sand or phos, some pelletal, some foraminiferal, some weakly dolomitized; 5% aggregates of Dol xls, v lt gray & vpo
920-950	Ls as above, 20-25% Dol as above; some wh, sdy, phos, fos Ls (cavings ?)
950-980	Ls as above, most now moderately-stgly rexal, some v rarely w/phos specks, rarely w/fg Qz sand; minor Dol as above
980-1010	Ls as above, a little has a grayish orange tint, & carries minor sand & is moldic
1010-1040	Ls, similar to above but now carries fg Qz sand & minor phos; 15-25% vpo, v fg, v sltly sdy, dol Ls; overall phos <1%
1040-1070	50% Vpo, v fg, dol Ls; 50% sdy Ls as above, but carries v little phos; minor aggregates of euhedral Dol
1070-1100	40% Dol as above; 20% sdy Ls as above; 40% sdy-v sdy, sltly phos, euhedral Dol, generally, v lt gray to yel gray; overall phos 1-3%
1100-1130	45% Dol as above; 45% chalky, sdy, v sltly phos, fos Ls as above & 10% sdy, euhedral Dol as above
1130-1160	90% sdy-v sdy, sltly phos, euhedral Dol, lt gray, yel gray, some is gray orange & carries less sand
1160-1190	Dol, lt gray, yel gray, sdy to v sdy & sltly phos, actually grades to a v dol, sltly phos Ss; overall phos @ 1-2%
1190-1220	Dol/Ss as above
1220-1250	Dol/Ss as above
1250-2610	No samples available. Reported lost full returns at 1245' DF
2610-2640	75% Dol, vpo, grayish orange, lt gray, yel gray, fg xln, anhedral (sucrosic), rarely euhedral, except in small vugs; 25% wh-vpo, gran, fos Ls, commonly weakly-stgly dolomitized by euhedral xls

Permit 713, W-12,526, R.D. Reynolds, #29-3 Gerry Bros., Immokalee 4 NW Quad

<u>Depth</u> <u>FT</u>	<u>Description</u>
2640-2670	90% Dol as above, now a few moderate brns & med grays; 10% Ls as above
2670-2700	85% Dol as above, most is yel gray & vpo; sltly more euhedral aggregates; 25% Ls as above
2700-2730	80% Ls, wh, vpo, v lt gray, fg & gran, fos, commonly weakly-moderately dolomitized by euhedral Dol; 20% Dol as above, but now about 30% as aggregates
2730-2760	60% Ls as above, some wh-v lt gray, micritic, part rexal; 40% Dol, most is anhedral & euhedral, most is v lt gray-lt gray & vpo, some grayish orange; minor bl-dk brn, silty, dol, carb matter
2790-2810	No sample available
2810-2890	50% Ls as above; 50% Dol as above, but now most is euhedral aggregates & anhedral; cuttings are v fine
2890-3800	No samples available

PERMIT #713

W-12526

Diamond Shamrock (R.D. Reynolds/Superior)

#29-3 Gerry Brothers

920' FSL 1520' FWL

Sec.29 T49S R31E

Immokalee 4 NW Quad, Collier County

GL:22' DF:37' TD:11,666

Spud:09/09/74 P&A:04/26/79

Cuttings samples available at the Tallahassee FGS cuttings library

WET SAMPLE LIST			
INTERVAL (FT.)	MISSING INTERVAL (FT)	INTERVAL (FT.)	MISSING INTERVAL (FT)
Box 1		980-1010	
0-57		1010-1040	
57-88		1040-1070	
88-118		1070-1100	
118-148		1100-1130	
148-178		1130-1160	
178-208		1160-1190	
208-234		1190-1220	
234-264		1220-1250	
250-280		Box 2	
280-310			1250-2610
310-340		2610-2640	
340-370		2640-2670	
370-400		2670-2700	
	400-430	2700-2730	
430-460		2730-2760	
460-490		2760-2790	
490-520			2790-2810
520-550		2810-2840	
550-580			2840-3800
580-620		3800-3830	
620-650		3830-3860	
650-680		3860-3880	
680-710		3880-3900	
710-740		3900-3920	
740-770		3920-3940	
770-800		3940-3960	
800-830		3960-3980	
830-860		3980-4000	
860-890		4000-4020	
890-920		4020-4040	
920-950		4040-4050	
950-980		4050-4060	

**Permit #713, W-12526, Diamond, #29-3 Gerry Brothers,
Immokalee 4 NW Quad**

WET SAMPLE LIST			
INTERVAL (FT.)	MISSING INTERVAL (FT)	INTERVAL (FT.)	MISSING INTERVAL (FT)
4060-4080		4580-4600	
4080-4100		4600-4620	
4100-4120		4620-4640	
4120-4140		4640-4660	
4140-4160		4660-4680	
4160-4180		4680-4700	
4180-4200		4700-4710	
4200-4220		4710-4730	
4220-4240		4730-4750	
4240-4260		4750-4770	
4260-4280		4770-4780	
4280-4300		4780-4800	
4300-4320		4800-4820	
4320-4330		4820-4840	
4330-4340		4840-4860	
4340-4350		4860-4880	
4350-4360		4880-4900	
4360-4380		4900-4920	
4380-4400		4920-4940	
4400-4420		4940-4960	
4420-4440		4960-4970	
4440-4460		4970-4980	
4460-4480		4980-4990	
4480-4490		4990-5000	
4490-4500		5000-5010	
4500-4520		5010-5020	
4520-4540		5020-5030	
4540-4560		5030-5050	
4560-4580		5050-5060	