

Immokalee Quad

Well No. 379 [W-8187] Elevation G.L. 34.5' D.F. 52' K.B. 54'

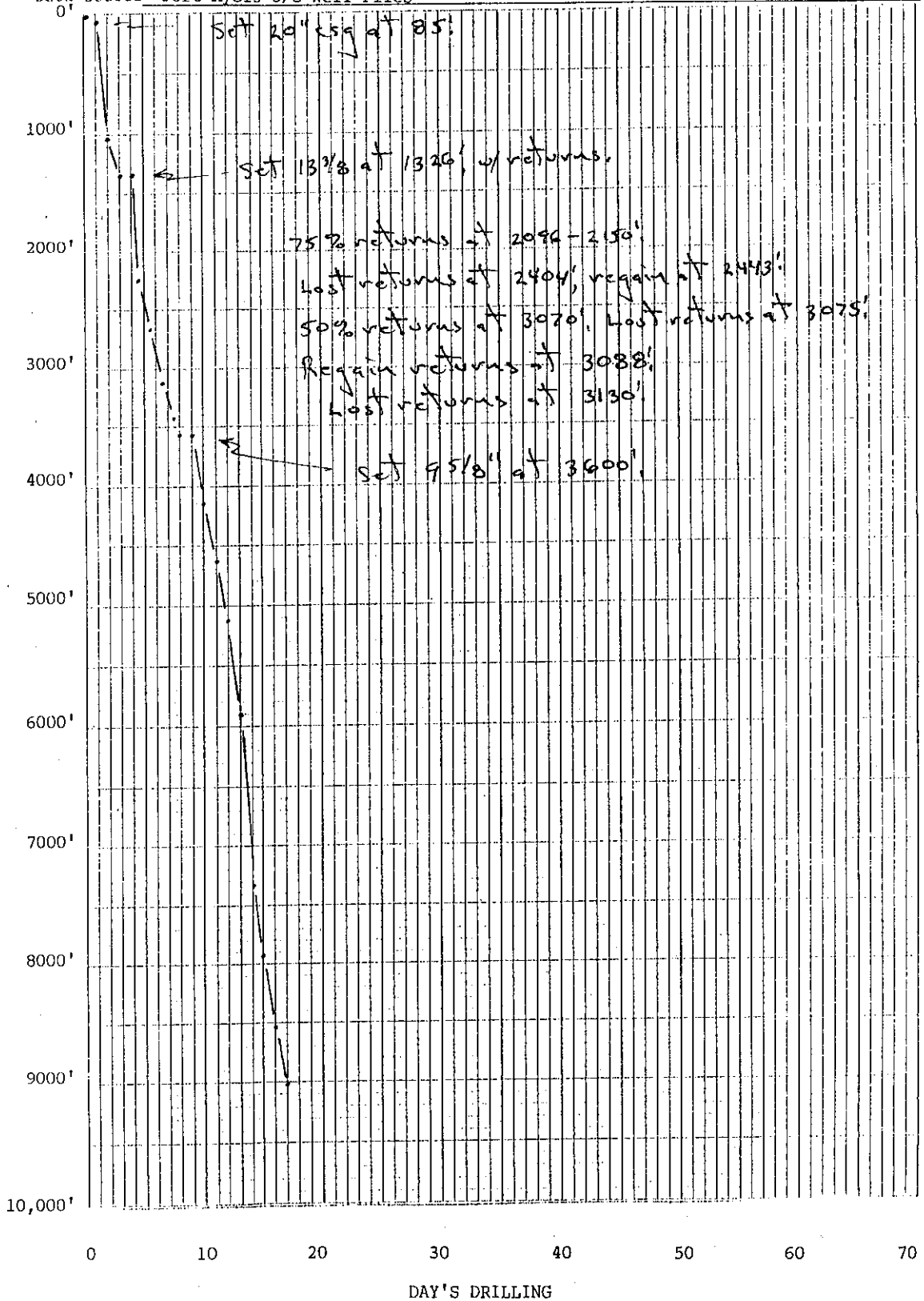
Location 660' FSL, 660' FEL County Collier

Sec. 20 T 46S R 29E TD 11,810'

Well or Owner's Name Mc Culloch #1, Collier Development

Data Source Fort Myers O/G Well Files

DEPTH BELOW D. F.



379, W-8187 Mc Colloch #1 Collier Development
 660' FSL, 660' FEL, Sec. 20, T46S R29E, Collier County
 GL 34.5' - DF 54' - Spud 5/19/67 - P & A 5/17/68

Brief Lith Log by R. S. Caughey 10/94

<u>Depth</u>	<u>Description</u>
400- 430	Wh, v fos, sandy, phos Ls; phos 4-12%
430- 520	Ls as above; phos 3-6%
520- 550	Mixture of wh, phos, sandy Ls as above; v lt gray, v sandy Ls w/phos at 1-2%
550- 580	Wh, sandy, phos, fos Ls, phos 2-5%; 10% v pale orange, f g xln dolomite, minor v lt gray sandy Ls
580- 640	Largely loose phosphorite grains, granules, pebbles and fossils (30-50%); 15% green gray dolosilt and remainder is wh, sandy phos, fos Ls
640- 670	Largely wh, chalky, sl sandy and phos, fos Ls; some wh, sandy and phos Ls, 10-20% greenish gray, f g xln dolomite, a little v phos Ls
670- 700	Ls as above but less dolomite
700- 730	Largely wh, sl sandy, fos phos Ls, phos 2-4%
730- 760	Ls as above but overall more sandy and more phosphatic, phos 3-6%
760- 790	60% yellowish gray, v sandy Ls, phos \leq 1%; 40% wh, sandy, phos, fos Ls as above
790- 820	80% yellowish gray, v sandy Ls, phos \leq 1%; 20% wh Ls as above
820- 850	90% yel/gray sandy Ls as above; 10% wh Ls as above
850- 910	Wh, chalky, sandy, fos Ls; tr phos
910- 940	Ls as above, much LCM; phos \leq 1%
940- 970	Ls as above, some LCM
970-1000	Largely lt gray, part rexal, sandy, fos Ls, phos \leq 1%, some is micritic, some dolomitic
1000-1030	Largely v pale orange, partially rexal, sandy, fos Ls, phos \leq 1%; some lt gray Ls as above
1030-1090	Largely wh to v p o, chalky, granular, fos Ls; tr to no phosphate (Suwannee)

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1090-1120	Ls as above, some is partially rexal; tr dk yellowish brn, f g xln dolomite.
1120-1150	Mixture of Ls as above and wh, chalky Ls w/some <u>Lepidocyclina</u> and <u>Camerina</u> .
1150-1180	Wh to v p o, chalky to partially rexal, fos Ls w/numerous <u>Camerina</u> and common <u>Lepidocyclina</u> .
1180-1210	Ls as above, common <u>Camerina</u> , some <u>Lepidocyclina</u> .
1210-1270	Ls as above, abundant <u>Camerina</u> , common echinoid frags, some <u>Lepidocyclina</u> .
1270-1300	Ls as above, abundant <u>Leps</u> , <u>Camerina</u> and numerous echinoid fragments.
1300-1330	Ls as above, some has a v lt gray tint and is partially rexal; numerous <u>Leps</u> and <u>Camerina</u> .
1330-1420	Ls, similar to above but more rexal, some is dolomitic; a little pinkish chert and minor loose qtz sand (contamination?); also some Ls w/black carbonaceous "soot" in some fossils; <u>Lepidocyclina</u> and <u>Camerina</u> still common; no <u>Dictyoconus</u> .
1420-1450	80% Ls as above; 20% grayish orange, f g xln dolomite.
1450-1480	70% Ls as above; 30% Dol as above, a few <u>Dictyoconus cookei</u> .
1480-1510	95% v pale orange, part rexal, fos Ls, some cones; 5% Dol as above.
1510-1740	Ls as above, some Ls w/brn to black carbonaceous matter; few to some cones.
1740-1860	Ls as above and 15-25% grayish orange and lt brown f g to micritic dolomite; somewhat more carbonaceous matter in Ls but still minor amount; some cones.
1860-1890	Ls and Dol as above, common cones, some are larger and flattened (<u>D. americanus</u> ?); some Ls appears to be fragmental, most is v fossiliferous and partially rexal.
1890-2010	Ls as above, Dol not as common, carbonaceous matter commonly as laminations.
2010-2100	Wh, chalky, partially rexal, fos Ls, tr carbonaceous matter; 5-10% v pale orange, f g xln Dol.
2100-2130	Ls as above w/15-20% v p o, f g xln Dol.
2130-2190	Ls as above, 10-20% v p o and brn f g and med xln Dol.
2190-2220	60% Ls as above w/minor carbonaceous matter, 40% Dol, v p o to brn, f and m xln; some as aggregates of dolomite rhombs.
2220-2250	60% Dol as above; 40% Ls as above.

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2250-2310	80% Dol, v p o to brn, f to crse xln; common aggregates of dolomite rhombs; 20% Ls as above.
2310-2370	70% Dol, v p o, brn, dk brn to almost black, common aggregates of Dol rhombs; 30% Ls as above.
2370-2430	Almost entirely v p o and grayish orange w/some dk brn to black Dolomite, most is m to c xln, common aggregates of dol rhombs.
2430-2460	80% Dol, most is f-m xln and clear to milky, some is v p o to brn; 20% wh chalky Ls, poss some chalky gypsum; some loose, sub-rounded Qz sand.
2460-2490	80% Dol, clear, milky, v p o, browns, f-c xln; 20% wh, v p o chalky, rexal Ls; some loose sub-rounded Qz sand.
2490-2580	90% Dol, most is milky white, some v p o, brown, clear and is f-c xln; 10% white, rexal Ls w/dolomite rhombs in matrix; a little loose Qz sand.
2580-2610	80% Dol, most is brown, dk brown to nearly black, some v p o, milky, lt gray to gray; 20% Ls, white, rexal some chalky.
2610-2640	50% Dol, most is v p o to lt brown, some brown, dk brown, and a little nearly black; 40% white, chalky and rexal Ls, some w/dolomite rhombs in matrix, common but minor carbonaceous matter in Ls; 10% sub-rounded Qz sand.
2640-2670	60% Ls as above but less carbonaceous matter; 35% Dol as above; 5% Qz sand as above.
2670-2700	Entirely wh, chalky and partially rexal, fos Ls, some has dolomite rhombs in matrix, occasionally some Ls w/sub-rounded Qz sand grs in matrix, tr to no carbonaceous matter.
2700-2730	50% Ls as above; 50% Dol, v p o and grayish orange, most is m-c xln.
2700-2730	(Sample two) 60% Ls, most wh, rexal, fos; some is wh to light greenish gray, soft, chalky Ls; 40% Dol, most is lt brn to grayish orange, some is brn to dk brn and some is black, most is m-c xln, some f xln.
2730-2760	80% Ls, wh, chalky, fos, some w/dolomite rhombs in matrix, most w/specks of carbonaceous matter; 20% Dol, as above.
2760-2790	90% Dol, lt brn and grayish orange, f-c xln, some dusky brn and mod brn; 10% Ls as above.
2790-2820	60% wh, chalky Ls, common but minor carbonaceous laminations in some fragments; 40% Dol, f-c xln, v p o, grayish orange and lt brn.
2820-2850	70% Ls as above; 30% Dol as above.
2850-2960	85% Ls as above, dolomite rhombs in matrix common; 15% Dol, v p o and grayish orange, f-c xln.

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<u>Depth</u>	<u>Description</u>
2960-2990	75% Ls as above; 25% Dol as above
2990-3020	50% Ls as above; 50% Dol, f-c xln, milky, v p o, some grayish orange.
3020-3110	90% Dol, largely as rhombs, most are translucent to v p o and pale orange and pale yellowish orange; 10% Ls as above.
3110-3140	Largely Dol, f-c xln, some fragments are vuggy, most are grayish orange, some dk yellowish orange; rare fragment of sucrosic gypsum; considerable cmt.
3140-3600	No samples
3600 and below	Not logged