

Well No. 1095 [W-15,318] Elevation G.L. 15.2' D.F. K.B. 35.8'

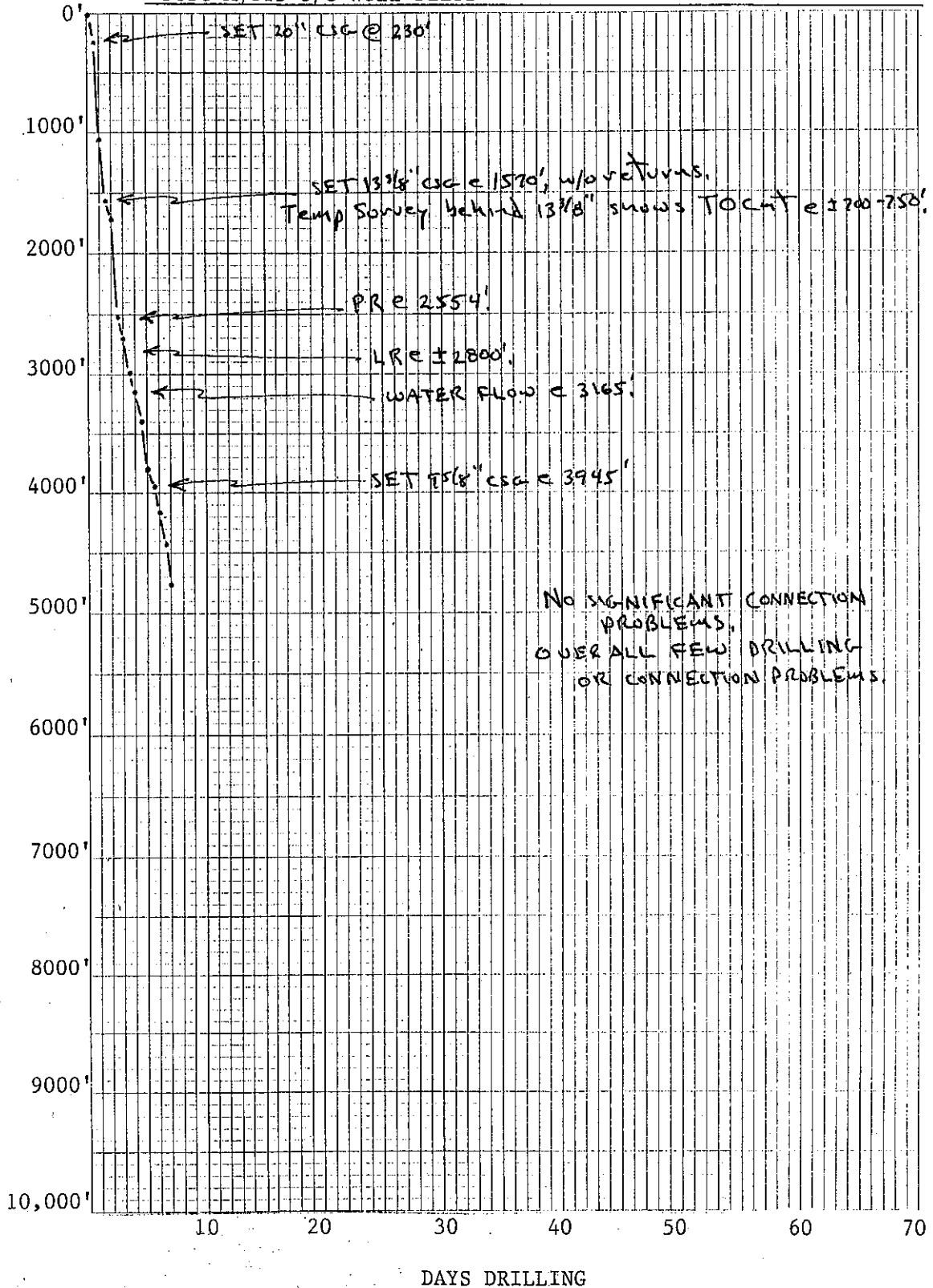
Location 1539' FSL, 1401' FWL County Collier

Sec. 6 T 50S R 33E TD 11,790'

Well or Owner's Name Hughes & Hughes 6-7 Oleum Corporation

Data Source Fort Myers O/G Well Files

DEPTH BELOW D.F.



1095 Hughes & Hughes 6-7, Oleum  
FSL 1539' and 1410' FWL, Sec. 6, T50S R33E  
Collier County, FL.

Brief Geologic Log by C. Gordon, March 1983.

- 0-10 Buff to wh sandy fos Ls containing shell fragments and echinoid spines.
- 10-60 Buff to wh med to fine ang to subrnd calc Ss and some Ls as above.
- 60-100 Gray to wh sandy Ls as above.
- 100-130 Dk green, sdy Dolosilt containing diatoms and 30-40% wh fos Ls containing shell fragments.
- 130-160 Gray to wh sandy fos Ls as above.
- 160-220 Dolosilt as above w/some rnd Qz granules and 40-50% Ls as above.
- 220-280 Green, sdy dolosilt w/rnd Qz grns, 1% bl, phos grs; 15-20% gray siltstone and 5% wh fos Ls.
- 280-310 Green, sdy dolosilt w/rnd Qz grns.
- 310-340 Dolosilt as above w/coarse to fine subang to rnd Qz grs & 1% bl, phos grs.
- 340-370 Dolosilt as above w/1% bl, phos grs.
- 370-430 Buff to wh sandy silty fos Ls containing 1 Camerina, & 1-3% bl, phos grs.
- 430-550 Ls as above w/pelecypods, gastropods and bryozoans & 1% bl, phos grs.
- 550-580 Very silty, sandy Ls as above & 1% bl, phos grs.
- 580-610 As above w/15-20% green, sdy dolosilt.
- 610-640 Buff to wh sandy, fos Ls & 1% bl, phos grs.
- 640-670 Buff to wh silty sandy fos Ls and 1-3% bl & brn, phos grs & grns.
- 670-700 Ls as above, 10-20% gray green sandy Dolosilt and 1% bl, phos grs.
- 700-730 As above w/30-40% Dolosilt.
- 730-760 Buff to wh fos Ls w/5% gray green Dolosilt and 1% bl, phos grs & grns & LCM[Lost Circulation Material].
- 760-820 Silty Ls as above w/10-30% gray green Dolosilt, 1% bl/brn, phos grns.
- 820-850 Buff to wh sandy fos Ls w/5% gray to green calc siltstone, & 1% bl, phos grs & grns.

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Brief Geologic Log by C. Gordon (con't)

- 850-960 As above w/a trace of lt brn Dol and LCM.
- 960-1050 Buff to wh silty fos dolomitic Ls w/∠5% gray calc Ss and LCM.
- 1050-1080 As above w/out LCM.
- 1080-1140 Ls and Ss as above w/5% gray Dol.
- 1140-1170 Buff to wh fos Ls, 50% gray to lt tan Dol and LCM.
- 1170-1200 As above w/LCM and a few Lepidocyclus.
- 1200-1260 70% Ls as above, Dol as above and some Lepidocyclus w/LCM.
- 1260-1350 Buff to wh silty dolomitic Ls, ∠5% tan xln Dol, a few Lepidocyclus and LCM.
- 1350-1380 Ls as above w/5% lt tan Dol, a few Lepidocyclus and Camerina and LCM.
- 1380-1410 Buff to wh silty dolomitic Ls containing common Lepidocyclus and some Camerina.
- 1410-1470 Ls as above containing some Lepidocyclus and Camerina & 1% bl. grs.
- 1470-1500 As above w/common Camerina.
- (1500-1650) Missing
- 1650-1680 Buff to wh fos Ls containing gastropod fragments and abundant Dictyoconus cookei with ∠5% lt tan Dol.
- 1680-1710 As above w/a few Qz granules.
- 1710-1740 Buff to wh fos Ls containing Dictyoconus cookei and a Dictyoconus americanus and a trace of lt tan Dol.
- 1740-1770 Lt tan to gray to wh fos dolomitic Ls containing Dictyoconus cookei and Dictyoconus americanus and ∠5% lt tan Dol.
- 1770-1800 As above w/some Dictyoconus cookei only and a few Qz granules.
- 1800-1830 As above w/1 Sigmomorphina floridana (?) (upper Middle Eocene).
- 1830-1860 Ls as above containing some spherical forams and a few crse rnd Qz grs.
- 1860-2070 As above with a few Dictyoconus cookei (?) (crystalline) and some Coskinolina elongata (?).
- 2070-2130 Ls as above containing Coskinolina elongata and Dictyoconus cookei and ∠5% brn xln Dol.

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Brief Geologic Log by C. Gordon

- 2130-2160 Buff to wh dolomitic Ls w/a trace of clear Anhy.
- 2160-2310 As above w/∠ 5% brn to lt tan xln Dol.
- 2310-2370 Chalky Ls as above w/5% Dol as above.
- 2370-2400 Ls as above w/∠ 5% Dol and Anhy.
- 2400-2490 50% Ls as above and 50% tan to gray to clear xln Dol w/a trace of clear Anhy.
- (2490-3945) Missing
- 3945-4035 White to clear Anhy, some gray cmt and 5% chalky wh Ls.
- 4035-4095 Gray to wh to clear Anhy and a trace of chalky dolomitic Ls.
- 4095-4245 Gray to wh to clear Anhy w/5-10% buff chalky Dol.
- 4245-4305 Anhy as above.
- 4305-4395 Anhy as above w/5-10% buff to gray chalky Dol.
- 4395-4665 Wh Anhy w/15% buff chalky Dol.

1095 Hughes & Hughes 6-7 Oleum  
 1539' FSL & 1401' FWL , T50S R33E, Sec. 6  
 Collier County

WET SAMPLE LIST

0- 10	1110-1140	4005-4035
10- 20	1140-1170	4035-4065
20- 30	1170-1200	4065-4095
30- 40	1200-1230	4095-4125
40- 50	1230-1260	4125-4155
50- 60	1260-1290	4155-4185
60- 70	1290-1320	4185-4215
70- 80	1320-1350	4215-4245
80- 90	1350-1380	4245-4275
90-100	1380-1410	4275-4305
100-130	1410-1440	4305-4335
130-160	1440-1470	4335-4365
160-190	1470-1500	4365-4395
190-220	(1500-1650)	4395-4425
(220-230)	1650-1680	4425-4455
230-250	1680-1710	4455-4485
250-280	1710-1740	4485-4515
280-310	1740-1770	4515-4545
310-340	1770-1800	4545-4575
340-370	1800-1830	4575-4605
370-400	1830-1860	4605-4635
400-430	1860-1890	4635-4665
430-460	1890-1920	
460-490	1920-1950	
490-520	1950-1980	
520-550	1980-2010	
550-580	2010-2040	
580-610	2040-2070	
610-640	2070-2100	
640-670	2100-2130	
670-700	2130-2160	
700-730	2160-2190	
730-760	2190-2220	
760-790	2220-2250	
790-820	2250-2280	
820-850	2280-2310	
850-880	2310-2340	
880-910	2340-2370	
910-940	2370-2400	
940-960	2400-2430	
960-990	2430-2460	
990-1020	2460-2490	
1020-1050	(2490-3945)	
1050-1080	3945-3975	
1080-1110	3975-4005	

Permit No. 1095 API 09-021-20163 County Collier, Florida

Company Hughes & Hughes Fee Oleum 6-7

Location: SHL 1539' FSL, 1401' FWL Sec. 6 T. 50S R. 33E  
 BHL \_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_

Elevation: G. L. 15.20' D. F. \_\_\_\_\_ K. B. 35.84' Depth Measured from KB

Spud: 2/7/83 Completed 3/6/83 Status P&A

Logs Induction 3946-11,784; BCSL 3946-11,755; DIL 3946-11,784; Cont. Dip 8000-11,790'

Casing Record 20" csg @ 230 w/500 sxs; 13 3/8" csg @ 1570' w/1500 sxs;  
9 5/8" csg @ 3945' w/400 sxs.

This log prepared by Cindy Gordon, Fla. Bur. of Geology Date 03/83

Remarks Lost returns @ 2800'. Partial returns @ 2550'.

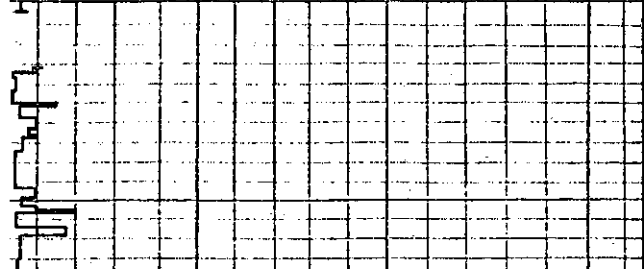


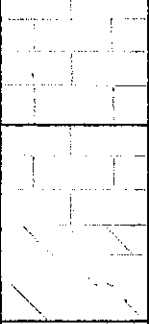
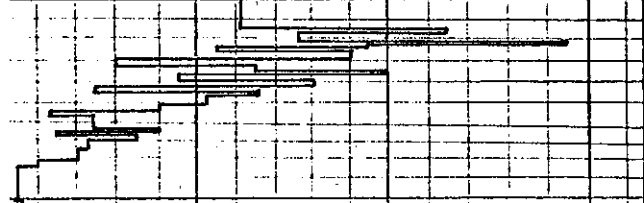
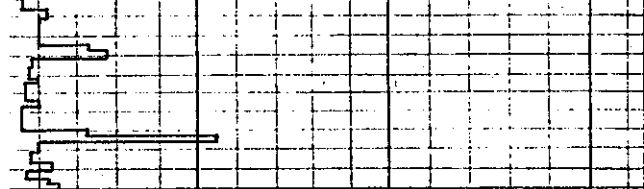
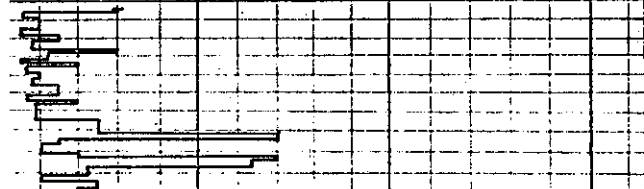
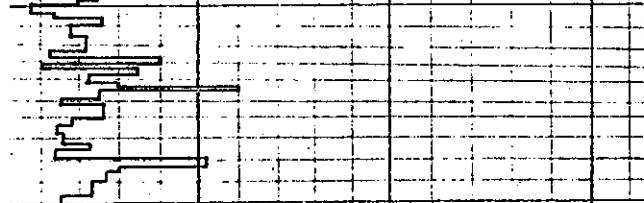

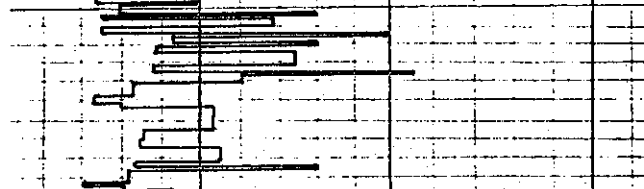
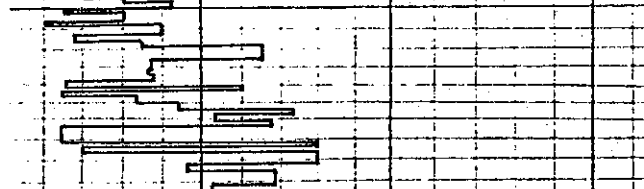
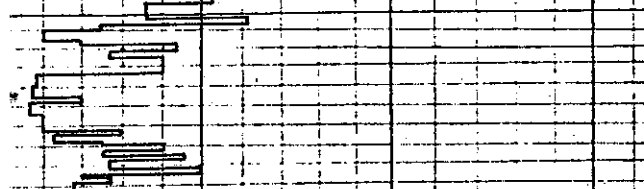
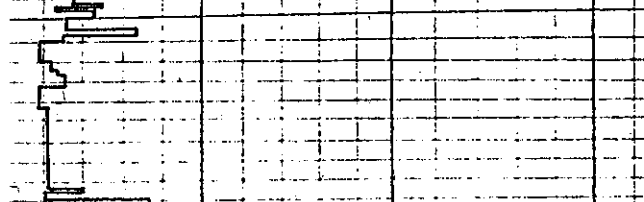
Drilling Rate min/ft			Lith.	Depth	Description/Remarks
5	10	15			
					Gray to buff to wh, sdy, fos Ls & buff to wh, med to fine, ang to subrnd, calc Ss.
				100	Dk green, sdy dolosilt w/diatoms & 30-40% wh, fos Ls.
					Gray to wh, sandy, fos Ls as above.
				200	Dolosilt as above; 40-50% Ls as above & sm rnd Qz granules.
					Green, sdy dolosilt w/rnd Qz grns 1% bl grs 15-20% gray siltst & 5% wh, fos Ls.
				300	Dolosilt as above w/crse to fine subang-rnd Qz grs & <1% to 1% bl, phos grs.
					Buff to wh, sandy, silty, fos Ls & 1-3% bl, phos grs.
				400	
				500	
					Very silty, sandy Ls as above w/15-20% green, sdy dolosilt & <1% bl, phos grs.
				600	Buff to wh, sandy, fos Ls & <1% to 3% bl/brn, phos grs & grns.
					Ls as above; 10-40% grayish green, sdy dolosilt & 1% bl, phos grs.
				700	Buff to wh, silty, fos Ls w/5-30% grayish green dolosilt & 1% bl/brn grs & grns.
				800	
					Buff to wh, sandy, fos Ls w/<5% gray to green, calc siltstone; 1% bl, phos grs & grns; trace of lt brn Dol & LCM [Lost Circulation Material].
				900	
				1000	Buff to wh, silty, fos, dolomiti Ls w/<5% gray, calc Ss & LCM.

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Drilling Rate min/ft			Lith.	Depth	Description/Remarks
5	10	15			
					As above w/out LCM.
				1100	Ls & Ss as above w/5% gray Dol.
				1200	Buff to wh, fos Ls; 50% gray to lt tan Dol & LCM w/a few <u>Lepidocyclus</u> .
				1300	70% Ls as above; Dol as above & some <u>Lepidocyclus</u> w/LCM. Buff to wh, silty, dolomitic I <5% tan, xln Dol; a few <u>Lepidocyclus</u> & LCM.
				1400	Ls as above w/5% lt tan Dol, a few <u>Lepidocyclus</u> & <u>Camerina</u> & LCM. Buff to wh, silty, dolomitic I with common <u>Lepidocyclus</u> sm <u>Camerina</u> & less than 1% bl grs.
				1500	As above w/common <u>Camerina</u> .
				1600	No Samples between 1500' to 1650'.
				1700	Buff to wh, fos Ls w/abundant <u>Dictyoconus cookei</u> ; 5% lt tan Dol & a few Qz grns. As above w/a <u>Dictyoconus americanus</u> .
				1800	Lt tan to gray to wh, fos dolomitic Ls w/ <u>Dictyoconus cookei</u> & <u>americanus</u> .
				1900	As above w/some <u>Dictyoconus cookei</u> , a few Qz granules and coarse, rnd Qz grs.
				2000	As above w/a few <u>Dictyoconus cookei</u> (?) & some <u>Coskinolina elongata</u> (?)
				2100	Ls as above containing <u>Coskinolina elongata</u> & <u>Dictyoconus cookei</u> & < 5% bl xln Dol.
				2200	Buff to wh, dolomitic Ls w/a trace of clear Anhy.

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Drilling Rate min/ft	Lith.	Depth	Description/Remarks
5 10 15			
		2300	As above w/ 5% brn to lt tan, xln Dol.
		2400	Chalky Ls as above, w/ <math>\leq 5\%</math> Dol as above & Anhy.
		2500	No Samples between 2490' to 3945'. Partial returns @ 2550'.
		2600	
		2700	
		2800	Lost full returns @ 2800'±.
		2900	
		3000	
		3100	
		3200	Reported water flow @ 3165'.
		3300	
		3400	



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Drilling Rate min/ft			Lith.	Depth	Description/Remarks
5	10	15			
				3500	
				3600	
				3700	
				3800	
				3900	Set 9 5/8" casing @ 3945'.
				4000	White to clear Anhy, some cnt & 5% chalky, wh Ls.
				4100	Gray to wh to clear Anhy, a trace of chalky, dolomitic Ls.
				4200	Gray to wh to clear Anhy w/ 5-10% buff, chalky Dol.
				4300	Anhy as above.
				4400	Anhy as above w/5-10% buff gray, chalky Dol.
				4500	Wh Anhy w/15% buff, chalky Dol.
				4600	