Corehole: GRACE (38'-759')

38'-49'8"	sltst., med. lt. gy., sdy., w/scat., thn., platy frgs. carb. mat., w. indur.; at 48'10", oil shale, dk. gy. to med. gy., fine-banded, w. indur., scat. carb. frgs.
49'8"-59'4"	sltst., med. lt. gy., sdy., micaceous, scat. carb. frgs. and leaf impressions, massive, w. indur.; at 53': oil shale, med. gy. to dk. gy. to brn.-blk., fine-banded, occ. contort., occ. slty., w. indur.
59'4"-69'1"	intbd. sltst. and oil shale, lt. gy. to med. dk. gy., occ. dk. gy., oil shale is fine-banded, occ. contorted banding, scat. carb. frgs., w. indur., occ. tr. py. x-tals
69'1"-78'7½"	as above
78'7½"-89'1"	as above, w/oil shale gy. to blk., fine-banded, from 80' to 82' and 87' to 89'
89'1"-99'10½"	oil shale, lt. gy. to brn.-blk., fine-banded, w. indurated, w/½" tuff. zone at 90'3"; at 91', intbd. sltst. and oil shale, lt. gy. to brn.-blk., sltst. is sdy., w/carb. frg. and scat. py. x-tals, mass., w. indur., oil shale is fine-banded, occ. slty., w. indur.
99'10½"-110'3½"	oil shale, lt. gy. to blk., fine-banded, w. indur., w/scat. carb. frgs.
110'3½"-120'9"	as above
120'9"-132'4"	intbd. sltst. and oil shale, lt. gy. to med. dk. gy., sltst. is sdy., massive, w/scat. carb. frgs., w. indur.; oil shale is fine-banded, w. indur.
132'4"-142'11"	as above
142'11'-153'11½"	as above
153'11½"-176'	intbd. sltst. and oil shale, as above
176'-186'	as above
186'-195'11"	as above

195'11"-212'4"	as above, w/contorted bedding from 211'5" to 212'4"
212'4"-222'4"	intbd. sltst. and ss., lt. gy., w/scat. carb. mat.; ss. is v.f.g. f.g., p. sort., slty., mass., occ. cross. strat., w. indur
222'4"-236'7"	as above
236'7"-251'2"	as above
251'2"-272'8½"	as above; at 267'3", oil shale, med. gy. to gy.-blk., fine-banded, w. indur.
272'8½"-283'4"	oil shale, brn.-gy. to med. gy., fine-banded, w. indur., w/vert. fracs. from 277'3" to 279'; scat. ½" to 1" tuff. beds
283'4"-295'	oil shale, dk. gy. to med. brn.-gy., fine-banded to massive, scat. carb. mat., w/occ. zns. of tuff. ½" to 1" thick, w. indur.
295'-304'11"	as above
304'11'-315'1½"	as above, w/vert. frac. from 305'3" to 306'6"
315'1½"-324'11"	as above
324'11"-336'3"	as above
336'3"-345'9"	oil shale, med. dk. gy. to brn.-blk., fine-banded, w. indur., w/25° frac. at 339'8"
345'9"-355'6"	as above, w/near vert. frac. from 352' to 355'6"
355'6"-365'4½"	as above, w/small, vert. frac. from 355'6" to 356'
365'8"-375'4"	as above, w/½" tuff. bed at 374'9" and 366'8"
375'4"-385'2"	as above
385'2"-395'	as above

395'- 404'8½"	as above, w/occ. tuff. zone, ¼' to ½" thick
404'8½"- 414'8½"	as above
414'8½"- 424'3"	as above, w/near vert. frac. from 422'2" to 423'
424'3"- 435'	as above
435'- 444'10 3/4"	as above
444'10 3/4"- 454'8"	as above, w/minor fracs. from 447'6" to 448'6" - 20° to near vert.
454'8"- 464'8½"	as above
464'8½"- 474'7½"	as above
474'7½"- 484'4"	as above
484'4"- 494'10½"	as above, w/scat. tuff. beds, and 85° frac. from 485'5" to 486'4"
494'10½"- 505'½"	as above
505'½"- 514'9"	as above, w/mass. tuff. zns. 5" to 12" thick
514'9"- 524'9"	as above, w/scat., thin, (¼" to ½") tuff. zns.
524'9"- 534'6½"	as above
535'6½"- 544'5½"	as above
544'5½"- 554'7"	as above
554'7"- 564'4"	as above
564'4"- 574'3"	as above, w/mass. tuff. zns. from 565' to 568' ← wavy tuff

574'3"-584'3"	as above
584'3"-594'3"	as above
594'3"-604'1"	as above
604'1"-615'½"	as above
615'½"-625'½"	as above
625'½"-635'7"	as above
635'7"-649'3"	as above, w/ox. zns. (lim. stn.) at 639' and 643'3" (small cavity at 641')
649'3"-668'6"	as above
668'6"-689'9½"	as above (mahogany marker at 680')
689'9½"-708'2"	as above
708'2"-725'10½"	as above, w/cavity filled w/anhydrite at 714'6"
725'10½"-743'8½"	as above, w/ox. zns. from 736'-737' (lim. stn.)
743'8½"-759'	oil shale, lt. gy. to med. brn.-blk., fine-banded, w. indur., w/ox. tuff. zn. at 75'8"