

COLORADO OIL SHALE

Corehole: JILL (20'-668'5")

20'- 33'3"	oil shale, lt. gy. to med. lt. gy., fine-banded, occ. massive., scat. carb. frgs., w. indur., and intbd. ss., ½ ft. to 2 ft. thick, lt. gy., f.g. to med. g., mod. sort.
33'3"- 43'3"	as above
43'3"- 52'8"	intbd. ss. and oil shale, as above
52'8"- 62'5"	as above
62'5"- 73'8"	as above
73'8"- 86'1"	ss. and oil shale, as above
86'1"- 107'	as above
107'- 118'	as above
118'- 127'	as above
127'- 137'1"	intbd. ss. and oil shale
137'1"- 163'3"	as above
163'3"- 191'	as above
191'- 204'4"	intbd. ss. and oil shale, as above
204'4"- 215'8"	as above, w/ calc. filled fracs. from 203' to 204', at 90°
215'8"- 225'	as above, w/scat. chert zns.
225'- 237'1"	<i>Top Parachute Creek Mem.</i> oil shale, v. lt. gy. to lt. gy., fine-banded, scat. carb. frgs., w/indur., w/large, calc. filled frac. (vert.) from 230'7" to 232'7", and 225' to 226'2"

237'1"-
 250'3" as above, w/scat., small cav. filled w/asphaltic material

250'3"-
 261'6" oil shale, as above, fine-banded to massive

261'6"-
 271'8" as above

271'8"-
 285'5" oil shale, as above

285'5"-
 295'3" oil shale, v. lt. gy. to brn.-gy., fine-banded to mass., scat. carb. mat., small calc.-filled frags. at 60° from 290' to 290'7", w. indur.

295'3"-
 317'5" oil shale, as above

317'5"-
 327'5" oil shale, as above

327'5"-
 337' as above

337'-
 347'4" oil shale, med. lt. gy. to gy.-blk., fine-banded, scat. carb. mat., small, calc.-filled frac. at 45° at 345'10" and frac. at 344' at 60°, w. indur.

347'4"-
 356'3" oil shale, as above

356'3"-
 365'3" oil shale, as above, w/calc.-filled frac. at 60° at 358' to 358'3"

365'3"-
 375'7" as above

375'7"-
 383' oil shale, as above

383'-
 393'5" oil shale, as above

393'5"-
 404'8" oil shale, as above

404'8"-
 414'5" as above

414'5"-
 424'3" oil shale, as above

424'3"-
433'5" as above

433'5"-
442'5" oil shale, as above

442'5"-
452'4" as above

452'4"-
461'4" as above, w/few, scat., tuff. zns. $\frac{1}{2}$ " to 1" thick

461'4"-
471'7" as above

471'7"-
481'6" oil shale, lt. gy. to gy.-blk., fine-banded, scat. carb. mat., and thin, tuff. zns., w. indur.

481'6"-
490'11" oil shale, as above

490'11"-
500'8" as above, w/calc.-filled vert. frac. from 499' to 500'

500'8"-
511'3" oil shale, as above

511'3"-
519'10" as above

519'10"-
531'9" oil shale, med. lt. gy. to gy.-blk., fine-banded, scat. carb. mat., scat. thin, tuff. zns., w. indur.

531'9"-
541'9" as above, w/abnt. tuff. material from 538'7" to 541' ← *Thick or wavy Tuff*

541'9"-
551'10" oil shale, as above, w/frac., lim. stn. zn., 4" thick, at 551'6" to 551'10"

551'10"-
561'11" oil shale, as above, w/60°, calc. filled frac. at 560' to 560'7"

561'11"-
572'4" as above, w/calc. filled vert. frags. at 571' to 571'8" and calc. filled frac. at 60° at 562'7"

572'4"-
582'4" oil shale, lt. brn.-gy. to grn.-blk. fine-banded, w. indur.

582'4"-
592'2" oil shale, lt. gy. to gy.-blk., fine-banded, w. indur.

592'2"-
605'10" as above, w/lim. stn. frags. at 594'4"

605'10"-
624'10" as above *Top "A" Grosse of approx. 3"*

624'10"-
643'7" as above

643'7"-
662'9" as above (mahogany marker at 646')

662'9"-
668'5" oil shale, as above