

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

April 16, 1953

CASE 530: In the matter of the application of the Oil Conservation Commission upon its own motion for an order (a) extending existing pools in San Juan and Rio Arriba Counties, New Mexico, and (b) changing certain existing pool names; and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such extensions and pool name changes should not be made.

(a) Change the name of the Dogie Canyon-Pictured Cliffs Pool to the E-kan-Pictured Cliffs Pool, and extend the E-kan-Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include

Twp 26 N., Rge 6 W., NMPM
N/2 Section 26

(b) Change the name of the Pettigrew-Tecite Pool to the E-kan-Tecite Pool.

(c) Extend the Artec-Pictured Cliffs Pool in San Juan County, New Mexico, to include therein:

Twp 29 N., Rge 11 W., NMPM
All Section 2,
N/2 Section 11

Twp 30 N., Rge 11 W., NMPM
E/2 Section 21

(d) Extend the Blanco-Mesaverde Pool in Rio Arriba County, New Mexico, to include therein:

Twp 29 N., Rge 6 W., NMPM
All Sections 2, 3 and 4

ELVIS A. UTZ.

having first been duly sworn, testified as follows:

DIRECT EXAMINATION

BY MR. WHITE:

Q. Will you repeat your name and your position for the record?

A. Elvis A. Utz, Engineer with the Oil Conservation Commission.

Q. Have you had an opportunity as engineer for the Oil Conservation Commission to make a study of the proposed extensions and the pool name change as advertised in Case 530?

A. Yes, I have.

Q. Will you give your report to the Commission, please?

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[illegible]

1. *Chlorophyll a* (Chl *a*)

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1. 2

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2

• *Chlorophyll a* (Chl a) is the primary photosynthetic pigment in most plants and algae. It is a green pigment that absorbs light energy in the blue and red regions of the visible spectrum. Chl a is essential for the light-dependent reactions of photosynthesis, where it converts light energy into chemical energy in the form of ATP and NADPH. The structure of Chl a consists of a central magnesium atom coordinated by four nitrogen atoms in a porphyrin-like ring, with a long phytol side chain attached to one of the ring carbons.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

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A. As to pool recommendations, I recommend that the Dogie Canyon-Pictured Cliffs at the block of the Mesaverde be extended as advertised and I submit here an exhibit which designates these extensions together with the producing wells which these extensions are based on.

MR. SPURRIER: Without objection, it will be received.

A. As to name change, I have no personal recommendation but I would like to remind the Commission that the south block of the Pictured Cliffs -- Dogie Canyon-Pictured Cliffs are now only one mile apart and for all practical purposes, they are the same pool.

MR. SPURRIER: Will this clarify it -- the proposed change of name?

A. The proposed change of name is a name which is not common to either of the three pools in question. I have, in my possession here, a number of letters, I don't know whether you want to read them into the record or not --

MR. GRAHAM: Will you state briefly what they contain?

A. Well, they vary. Generally, however, they are contesting the name Ekan and suggesting mostly that it be called South Blance.

MR. SPURRIER: What is your reaction to that proposed change?

A. Oh, I think possibly it might be a little less confusing. Rather than picking a new name entirely to stick to some name that is now common to at least one reservoir. However, I personally, have no objection to Ekan.

MR. GRAHAM: Have you had any discussion with the federal authorities as to how their records might be set up?

A. No, I have not. These letters are from Four Corners Geological Society, Gulf Oil Corporation, Continental Oil Company, Cities Service Oil Company, Durango Petroleum Club and the Carter Oil Company.

MR. SPURRIER: Are these all objections to this name change?

A. Virtually, they are all. Yes, sir.

MR. SPURRIER: Are they all recommending South Blance?

A. No. They are not all recommending South Blance. Four Corners Geological Society recommends South Blance-Pictured Cliffs, South Blance-Tecite, and recognizes the fact that the present South Blance is actually part of the present Dogie Canyon. Gulf Oil Corporation recommends that the name South

—The first thing I noticed when I stepped out of the car was the cold.

The air was crisp and clear, a welcome change from the humidity of the city. I took a deep breath, feeling the cool air fill my lungs. The sun was just beginning to rise, casting a soft glow over the landscape.

I walked towards the old stone building, its walls covered in ivy.

The ivy was a mix of green and brown, showing signs of age.

—The building had a long history, and I could feel it in the air. The windows were small and square, some with flower boxes underneath. The door was made of dark wood, with a small handle.

I pushed the door open, and a warm light greeted me.

The interior was simple and cozy, with a fireplace on the wall.

A small table and two chairs were set up in the corner.

—The owner of the building was a kind man, and he showed me around. He told me about the history of the place, and the people who had lived there before.

I listened intently, feeling like I was part of something special.

He showed me the old photographs on the wall, and I saw faces I had never seen before.

The man smiled at me, and I felt a sense of connection.

I had found a new home, and I was grateful for the chance.

—The man showed me the garden, which was full of flowers. The flowers were in full bloom, and the colors were vibrant. I took a walk in the garden, feeling the sun on my face and the breeze in my hair.

I had found a new home, and I was grateful for the chance.

The man showed me the garden, which was full of flowers.

I took a walk in the garden, feeling the sun on my face.

The man showed me the garden, which was full of flowers.

I took a walk in the garden, feeling the sun on my face.

The man showed me the garden, which was full of flowers.

I took a walk in the garden, feeling the sun on my face.

—The man showed me the garden, which was full of flowers.

I took a walk in the garden, feeling the sun on my face.

The man showed me the garden, which was full of flowers.

Blance Pool be given to Dogie Canyon and Pettigrew-Tecite Pool as logical and acceptable.

MR. SPURRIER: I would suggest that the letters be introduced as evidence and the Commission could read them through.

A. The consensus is that the pools should be named after geological or surface conditions.

MR. SPURRIER: Are there any questions of the witness?

VOICE: What about subparagraph (c)?

A. I don't have my docket here, I don't know what you're talking about.

MR. GRAHAM: Aztec?

A. Well, I recommend that that be extended as advertised. I have presented an exhibit here, I believe it includes that extension.

VOICE: And do you recommend that the extension, as advertised, cover that field?

A. Yes, I do.

MR. WHITE: In other words, you recommend the proposed changes and extensions as advertised in (a), (b), (c), and (d)?

A. That is correct.

MR. WHITE: As to change of name of extension?

A. That's correct, yes.

MR. MENCHER: A. Hamilton Mencher representing Kingsley-Locke Oil Company. Kingsley-Locke Oil Company feels that the South Blance and the present Dogie Canyon-Pictured Cliffs Pool will eventually hook up and they will require a single name and if this name is the name of a camp or a person, it will reflect prejudicially against the other lease holders and producers in the area. And that, as far as sales of the acreage, reserves prestige, etc. We are in favor of geographical names or structural names but if they are going to name pools after people, we recommend that the South Blance field which was discovered by Kingsley-Locke and named by Kingsley-Locke be named the Joe Kingsley-George Locke-Frank C. Barnes-Pettigrew Cliffs Pool.

1. The first step is to identify the problem or question that needs to be answered.

2. The second step is to gather relevant information and data.

3. The third step is to analyze the information and data.

4. The fourth step is to develop a solution or answer.

5. The fifth step is to implement the solution.

6. The sixth step is to evaluate the results.

7. The seventh step is to communicate the findings.

8. The eighth step is to reflect on the process.

9.

10. The tenth step is to conclude.

11. The eleventh step is to review the process.

12. The twelfth step is to improve the process.

13. The thirteenth step is to document the process.

14.

15. The fifteenth step is to share the results.

16. The sixteenth step is to disseminate the findings.

17. The seventeenth step is to publish the results.

18. The eighteenth step is to present the findings.

19. The nineteenth step is to discuss the results.

20. The twentieth step is to conclude.

21. The twenty-first step is to review the process.

22. The twenty-second step is to improve the process.

23. The twenty-third step is to document the process.

24. The twenty-fourth step is to share the results.

25. The twenty-fifth step is to disseminate the findings.

26. The twenty-sixth step is to publish the results.

27. The twenty-seventh step is to present the findings.

28. The twenty-eighth step is to discuss the results.

29. The twenty-ninth step is to conclude.

30. The thirtieth step is to review the process.

(Laughter)

That's hyphenated! Kingsley is K-I-N*G-S-L-E-Y and - - -

MR. SPURRIER: We can assure you that there will be no more pools named after people.

(Laughter)

MR. MENCHER: Thank you.

MR. SPURRIER: Is there any other comment? If not, the witness may be excused. The case will be taken under advisement and we will move on to case 531.

STATE OF NEW MEXICO)
COUNTY OF SANTA FE) ss.

I hereby certify that the foregoing and attached transcript of hearing in Case 530 before the Oil Conservation Commission on April 16th, 1953, at Santa Fe, is a true record of the same to the best of my knowledge, skill and ability.

DATED at Santa Fe, this 2nd day of May, 1953.


Audrey M. Hendrickson

My commission expires September 20, 1955.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1. The first group of respondents (10%) was composed of individuals who had been involved in a sexual assault in the past 12 months. This group was further divided into two subgroups: those who had been the victim of a sexual assault (5%) and those who had been the perpetrator of a sexual assault (5%).

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

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1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

• **Q**uestions about the **Q**uestions section of the exam are welcome.

James M. Anderson, 41, 1000 N. 1st St., St. Paul, Minn., died at his home.

$$\partial_{\bar{z}} \left(e^{-\frac{1}{2} \log^2 |z|} |z|^{-\frac{1}{2}} \right) = 0 \quad \text{for } |z| \neq 0, \quad \partial_{\bar{z}} \left(e^{-\frac{1}{2} \log^2 |z|} |z|^{-\frac{1}{2}} \right) = 0 \quad \text{for } |z| = 0.$$
[illegible]

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[illegible]

1. *Journal of the American Medical Association*, 1997; 277: 1033-1036.

1. *Journal of the American Medical Association*, 1997; 277: 103-107.