

istry Laboratory) provided geochemical analyses over the years, some of which are reported here. William O. Hatchell (New Mexico Energy, Minerals and Natural Resources Department) provided some of the production statistics used

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TABLE 1—Uranium production in New Mexico and the United States from 1947 through 1988 (U.S. Department of Energy (DOE), 1983; Energy Information Administration, 1985, 1986, 1987, 1988; New Mexico Energy, Minerals and Natural Resources Department, written communication 1984, 1985, 1986, 1987; U.S. Atomic Energy Commission (AEC), ore and mill receipts tabulated by W. L. Chenoweth and E. A. Learned, DOE). Ore production from 1947 to 1970 includes *pay* and *no-pay* ores received by the AEC; shipments of ore less than 0.10% U_3O_8 , for which the AEC did not pay, were known as *no-pay* ores. ¹Production from in-situ leaching, heap leaching, and mine-water recovery included. ²Concentrate production from ore shipped from other states to mills in New Mexico included. ³Average price for domestic uranium that was sold that year; not spot or market price. ⁴Ore production in New Mexico in 1948 and 1949 was entirely from Carrizo Mountains, San Juan County, and was processed in Colorado. ⁵Figures estimated; much of the ore produced from the Mount Taylor mine (Chevron Resources Co.) was processed in Texas and credited to Texas concentrate production. ⁶Figures estimated by the authors.

Year	Ore received at mills and buying stations				New Mexico production per U.S. total (%)	Number of operating companies in New Mexico	Concentrate production from mills			Average price for uranium ³ (dollar per lb U_3O_8)
	Production in New Mexico ¹ (tons of U_3O_8)	Grade of production in New Mexico (% U_3O_8)	Production in U.S. ¹ (tons of U_3O_8)	Grade of production in U.S. (% U_3O_8)			Production from mills in New Mexico ² (tons of U_3O_8)	Production from mills in U.S. (tons of U_3O_8)	New Mexico production per U.S. total (%)	
1947	—	—	100	0.25	—	—	—	67	—	7.21
1948	4 ⁴	0.29	200	0.26	2	1	—	102	—	7.50
1949	8 ⁴	0.17	200	0.29	4	1	—	177	—	8.77
1950	11	0.30	500	0.32	2	12	—	459	—	10.76
1951	9	0.30	900	0.32	1	14	—	766	—	10.30
1952	36	0.19	2,000	0.30	2	34	—	874	—	11.85
1953	215	0.25	2,405	0.31	9	36	9	1,163	1	12.28
1954	666	0.35	3,500	0.32	19	45	181	1,700	11	12.43
1955	618	0.23	4,400	0.29	14	58	847	2,784	30	11.94
1956	2,888	0.26	8,400	0.28	34	51	2,891	5,958	49	11.10
1957	2,585	0.22	9,800	0.27	26	49	2,534	8,482	30	9.82
1958	4,032	0.21	14,000	0.27	29	44	3,604	12,437	29	8.86
1959	6,829	0.21	17,400	0.25	39	41	6,772	16,239	42	8.64
1960	7,892	0.21	18,800	0.23	42	41	7,760	17,637	44	8.35
1961	7,848	0.22	18,500	0.23	42	34	7,750	17,348	45	7.88
1962	7,894	0.23	17,100	0.24	46	30	7,293	17,008	43	7.92
1963	5,132	0.22	14,700	0.25	35	33	5,512	14,217	39	8.00
1964	4,716	0.23	13,900	0.26	34	29	4,747	11,846	40	8.00
1965	4,709	0.23	10,500	0.24	45	20	4,591	10,442	44	8.00
1966	4,892	0.24	9,900	0.23	49	21	5,076	10,589	48	8.00
1967	5,816	0.21	10,900	0.21	53	13	5,933	11,253	53	8.00
1968	6,443	0.20	12,850	0.21	50	12	6,192	12,368	50	8.00
1969	6,210	0.20	12,600	0.20	49	11	5,943	11,609	51	5.86
1970	6,057	0.21	13,050	0.20	46	12	5,771	12,905	45	5.56
1971	5,464	0.23	13,100	0.21	42	9	5,305	12,273	43	6.00
1972	5,722	0.25	13,850	0.21	41	11	5,464	12,900	42	6.50
1973	4,984	0.23	13,800	0.20	36	6	4,634	13,235	35	7.10
1974	5,435	0.18	12,600	0.18	43	5	4,951	11,528	43	7.90
1975	5,484	0.18	12,300	0.16	45	8	5,191	11,600	45	10.50
1976	6,485	0.19	14,000	0.15	46	14	6,059	12,747	48	16.10
1977	7,586	0.18	16,700	0.15	45	12	6,779	14,939	45	19.75
1978	9,371	0.15	20,200	0.13	46	15	8,539	18,486	46	21.60
1979	8,198	0.12	20,700	0.11	40	13	7,423	18,736	40	23.85
1980	8,160	0.12	23,300	0.12	35	14	7,751	21,852	35	28.15
1981	6,573	0.12	19,600	0.11	34	13	6,206	19,237	32	38.15
1982	3,810	0.18	13,415	0.12	28	10	3,906	13,434	29	35.43
1983	3,058	0.24	12,406	0.13	25	3	2,830	10,579	27	39.10
1984	1,617	0.19	6,747	0.11	24	4	1,458	7,441	20	32.97
1985	810	0.28	6,140	0.16	13	5	693	5,657	12	34.34
1986	951	0.54	5,807	0.34	16	4	376	6,753	6	32.58
1987 ⁵	1,167	0.49	4,915	0.28	24	3	350	6,496	5	29.16
1988 ⁶	1,125	—	6,750	—	17	3	1,125	6,750	17	—
TOTAL	171,510	—	452,935	—	38	—	162,446	423,073	39	—