S03090705

Dave

In looking through my NM files for data on Mobil's Crownpoint leaching I found the 1980 production data the NM Bureau of Mines and Mineral Resources had gotten from the DOE

However there was nothing for Ener Johnson & Sanostee or any Todilto production by Todilto Exploration and Development Co.

Kerr-McGee Northeast Church Rock now are

Section 35	136,610	418,884	.18
Section 36	6,577	27,320	.21

Other corrections are shown on the attached sheets

Boy, were my estimates off

Also found a note that Kerr-McGee's NE Church Rock production was: (both mines combined)

660,000 lbs 1983	75,000 lbs in 1985
600,000 lbs 1984	20,000 lbs in 1986

MINE ID 307

CHURCH ROCK
(Sections 8 & 17)
AKA "Old Church Rock"

1976	30,528	89,059	0.15
1977	2,096	2,004	0.05
1978	—	—	—
1979	35,398	59,538	0.10
1980*	50,000	110,000	0.11
1981	82,055	186,801	0.11
1982	38,209	83,574	0.11
	238,286	530,976	0.11

* Estimated by Chenoweth

Source NGR 287

All United Nuclear Corp.

1980 actual 26,353 51,217 0.10

Mine ID 304

North East Church Rock Mine

1972	6,791	34,442	0.25	UN-HP
1973	37,019	222,234	0.30	UN-HP
1974	133,934	525,570	0.20	UN-HP
1975	221,473	763,581	0.17	UNC
1976	375,085	1,251,721	0.17	"
1977	641,852	2,080,832	0.15	"
1978	739,616	1,932,464	0.13	"
1979	498,857	1,204,339	0.12	"
1980*	350,000	840,000	0.12	"
1981	319,901	772,577	0.12	"
1982	121,092	327,884	0.15	"
1st Half 1983	—	—	—	
	3,605,620	9,955,649	0.14	

* Estimated by Chenoweth

Source NRG 287

UN-HP United Nuclear - Homestake Partners
UNC United Nuclear Corp.

1980 actual 243,028 657,713 0.14

MINE ID 1005

CHURCH ROCK ION-EXCHANGE
(Uranium from mine water)

1980 *	25,000	United Nuclear	
1981	30 271	" "	NGR 287
1982	63,522	" "	
	118 793		

* Estimated by Chenowith

1980 actual 14,986

SECTION 25, T15N, R13W

Ruby No3

Western Nuclear, Inc

1980 *	100,000	240,000	0.12	
1981	138,838	351,055	0.13	NRG 287
1982	74,347	257,136	0.16	
1983 **	—	—	—	
1984 *	50,000	150,000	0.15	
1985 *	20,000	60,000	0.15	
	388,185	1,058,191	014	

* Estimated by Chenoweth

** No production shown in the 1st half of 1983

USE	390,000	1,092,000	0.14

actual 1980	5,800	12,449	0.11

Ruby No. 1
Section 21, T1N R13W

1976	65,521	187,516	0.14
1977	99,633	343,008	0.17
1978	176,849	416,526	0.12
1979	127,075	339,206	0.13
1980*	50,000	100,000	0.10
1981	1,282	2,341	0.09
1982	—	—	—
	520,360	1,388,597	0.13

* Estimated by Chenoweth

SOURCE NRC 287

Operator Western Nuclear, Inc

actual	1980	25,000	68,708	0.14

SECTION 12
(Mariano Lake Mine)

1977	7,638	23,472	0.15
1978	91,555	401,564	0.22
1979	118,758	573,461	0.24
* 1980*	112,000	472,800	0.22
1981	109 499	469,904	0.21
1982	54,890	261,969	0.16
1983	—	576**	—
	494,340	2,223,746	0.22

* Estimated by Chenoweth
** Adjustment by mill

SECTION 32
(Begay Allotment)

1972	2,641	9,554	0.18	Hydro Nuclear
1978	92	162	0.09	Hydro Nuclear
1978	854	2,298	0.13	Cobb
	3,587	12,014	0.17	

Hydro Nuclear's production missed in my 2004 summary

SOURCE NRG 434-00-287

actual 1980 123,149 519,454 0.22

NAVAJO ALLOTMENTS
(Post AEC Production)

BLACK JACK No. 1

	Tons	Pounds U_3O_8	% U_3O_8
1971	2541	6,600	0.13

MAC No 1

1971	15,138	86,669	0.29
1972 —			
1973	14	34	0.12
1974 —			
1975 —			
1976	25	53	0.11
1977	21	53	0.13
1978	24	28	0.06
1979	8,448	19,536	0.12
* 1980 *	1,000	2,000	0.10
	24,670	108,372	0.22

* 1980 estimated by Chenoweth

Source Uranium ore production records 1948-1983, National Archives, Rocky Mountain Region, Denver, CO, National Record Group 434-00-287

* Actual 1980	8,051	9,246	0.06

LIMESTONE MINES

Billy The Kid

1976	1,745	1,247	.04	Henry Andrews

Section 25 - 13 - 10

1971	947	1,065	0.06	United Nuclear
1972	7,695	29,250	0.19	UN-HP
1972	4,081	12,004	0.15	Bailey & Fife
1973	1,361	4,291	0.16	Bailey & Fife
1973	5,495	19,952	0.18	UN-HP
1974	—			
1975	—			
1976	—			
1977	—			
1978	—			
1979	—			
* 1980 *	500	1,200	0.12	Reserve Oil & Minerals
1981	2,437	5,689	0.12	Reserve Oil & Minerals
	22,516	73,451	0.16	

* Estimated by Chenoweth

SOURCE NRG 287

AEC records show no production in 1979.

X ACTUAL	3,929	6,204	.08