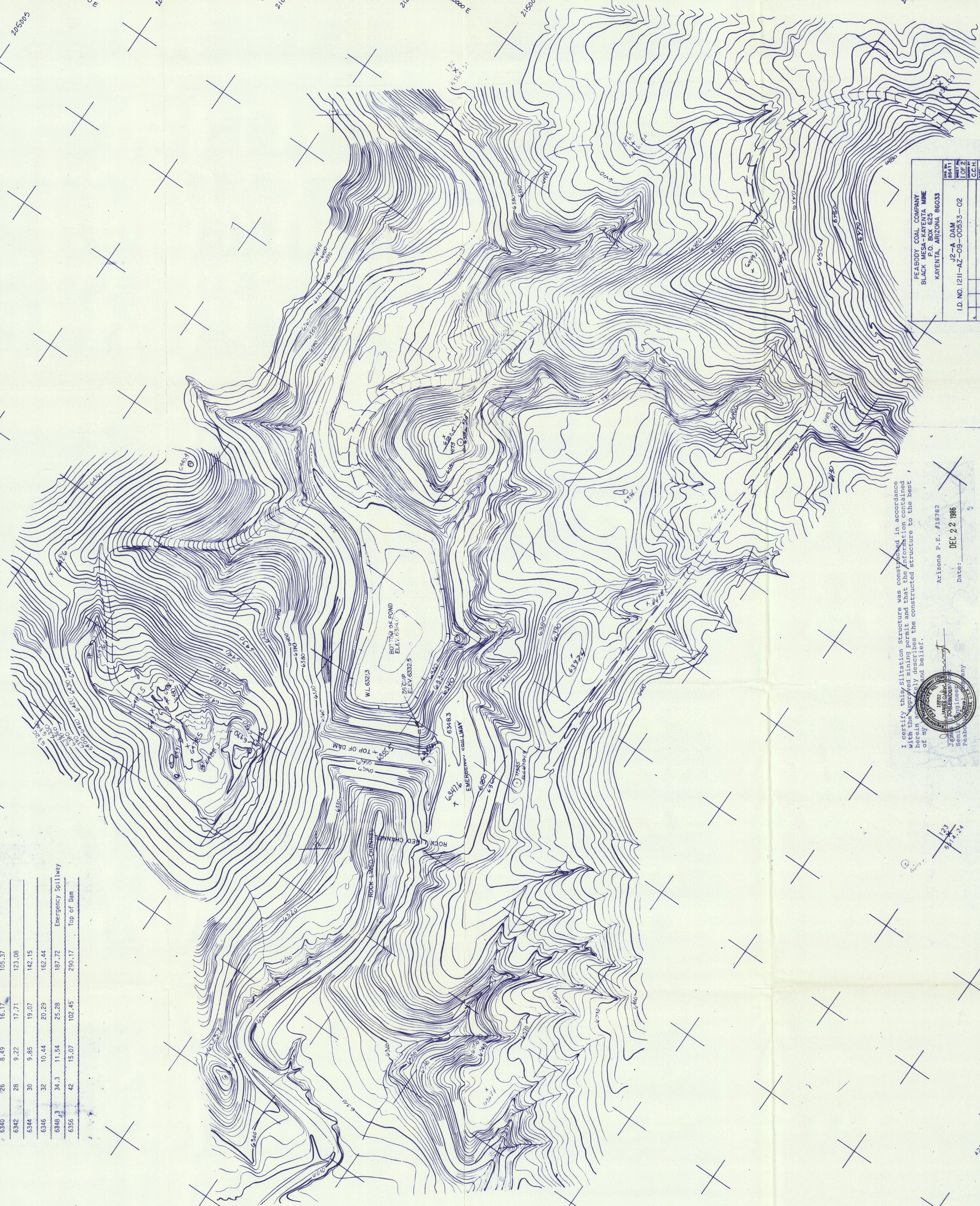


12-A Dam

Elevation (ft-msl)	Stage (ft)	Area (Acres)	Capacity (ac-ft)	Total Capacity (ac-ft)	Description
6314	0	0.16	0	0	Bottom of Pond
6316	2	1.25	1.41	1.41	
6318	4	1.75	3.00	4.41	
6320	6	2.22	3.97	8.38	
6322	8	2.56	4.78	13.16	
6324	10	2.96	5.52	18.68	
6326	12	3.37	6.33	25.01	
6328	14	3.87	7.24	32.25	
6330	16	4.52	8.39	40.64	
6332	18	5.35	9.67	50.31	
6334	20	5.99	11.34	61.85	
6336	22	6.84	12.83	74.68	
6338	24	7.68	14.52	89.20	
6340	26	8.49	16.17	105.37	
6342	28	9.22	17.71	123.08	
6344	30	9.85	19.07	142.15	
6346	32	10.44	20.29	162.44	
6348	34	11.54	25.28	187.72	Emergency Spillway
6356	42	15.07	102.45	290.17	Top of Dam



I certify this Siltation Structure was constructed in accordance with the approved mining permit and the information contained herein is true and correct to the best of my knowledge and belief.



Arizona P.E. #18782

Date: DEC 2 1986

PEABODY COAL COMPANY BLACK MESA MINE KAYENTA, ARIZONA 86033	
I.D. NO. 1211-AZ-09-00533-02	
12-A DAM	
CONJUGATE	SEDIMENT ACCUMULATION
DATE	PHOTO DATE 12/1/86
SCALE	1" = 100'
BY	DATE
CHECKED	DATE
APPROVED	DATE