RESERVOIR SEDIMENTATION DATA SUMMARY

LAKE GIBBONS

DATA SHEET NO.

	DATA SUMM					UF RESE				SHEET NO.		
_		y of Pari					ine Creek	3. STATE	Texas	ıs		
~ 1	4. SEC. TW		RANGE				aris	6. COUNTY	Lamar			
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	IO. STORAGE ALLOCATION		II. ELEVATION TOP OF POOL		SURFACE AREA AGRES		STORAGE CRE - FEET	ACCUMUI ACRE-	LATED DA FEET	IS. DATE STORAGE BEGAN		
SIR.	^{d.} FLOOD CONTRO b. POWER	L				-				1900		
> F	C. WATER SUPPLY								16.	ATE NORMAL		
S	d IRRIGATION		+							PER. BEGAN		
ш	e. CONSERVATION	-	1									
-	f xaraxxxxxx Rec	÷.	599		131	+ $ 1$.,394	1,3	94	1900		
	17. LENGTH OF RES	ERVOIR		1.			OTH OF RESER			0.2 MILES		
	18. TOTAL DRAINAG	E AREA				. 22. ME	AN ANNUAL PI	RECIPITATION		94 INCHES		
ERSHED	19. NET SEDIMENT	CONTRIBUTIN	G AREA				AN ANNUAL R	UNOFF	10	INCHES		
E	20. LENGTH	MIL	ES AV.				AN ANNUAL R	UNOFF533	OFF533 Ac.Ft./Sc			
WAT	21. MAX. ELEV.		MIN	IIN, ELE∜.			IMATIC CLASS		Humid	<u> </u>		
	DATE OF SURVEY	PERIOD YEARS	28. ACCL		OF 30. NO. OF		31. SURFACE AREA ACRE	32. CAPA	CITY 33.	33. C/W RATIO AC-FT, PER SQ.MI.		
			ILAN			OUN INI.	131	1,3				
	1900				1			1 *		955		
	March 1936	36	36		1		131	1,3	24	907		
	July 1956	20.3	56.3	Detail Range Detail	7		131	1,2	85	880		
							<u></u>			<u> </u>		
	DATE OF	34, PERIOD ANNUAL					ACRE-FEE			TO DATE AC-FT.		
	SURVEY	PRECIPITAT	ION G.	MEAN ANNUA	AL D. MAX.	NNUAL	C. PERIOD TOT	AL MEAN	ANNUAL D. T	b. TOTAL TO DATE		
DATA												
	26. DATE OF		7. PERIOD SEDIMENT DI									
Ä	SURVEY	O. PERIOD TO	PERIOD TOTAL b. A		. PER SQ	MI-YEAR	O TOTAL TO DA	ATE D. AV. AN	INUAL C.PE	C.PER SQ.ML-YEAR		
SURVEY	March 1936	70	70		1.	54	70	1.	94	1.54		
	July 1956	39		1.92	1.	52	109	1.	94	1.54		
	26. DATE OF	AV, DRY WGT, LBS, PER CU.FT.					1		<u> </u>	INFLOW PPM		
	SURVEY			PERIOD	D. TOTAL	TO DATE	GAV. ANNUAL	D. TOT. TO DATE	PERIOD	b. TOT. TO DATE		
	March 1936					-	.14	5.02		.		
	July 1956	31.5 (4)		1,043	1,	543	.14	7.82				

^{1/} Spillway lowered 3 feet in 1939. Area and capacities are based on 599 and not the original elevation of 602.

26.	DATE OF SURVEY		DEP,TH DESIGNATION RANGE IN FEET ABOVE, AND BELOW, CREST ELEVATION														
				<u> </u>	1500												
_			<u> </u>	 	TERCE	ENT	OF TO	TAL SEC	IMEN	TLOC	ATE	NIHTIW C	DEPT	1 DESIG	NATIO	N T	
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5,	DATE OF		44.											OF RE	SERV	OIR	
	SURVEY		0-10 11				٠					90-100		-110	-115	-120	-12
			<u> </u>	PE	RCEN	IT OF	TOTA	LSEDI	MENT	LOCA	TED	WITHIN	REACH	DESIGN	OITAL	N	
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5.	·					R.	NGE I	N RESE	RVOI	ROPE	RATI	ON	-			,	
*	ATER YE	AR .	MAX, E	LEV.	MIN.	ELEV.	INFLO	W ACF	T. WAT	ER YE	AR	MAX. ELE	V. N	IIN. ELEV	INF	LOW A	C F
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š. 						EL	EVATIO	ON-ARE	A-CA	PACIT	Y DA	TA	\ <u>.</u>				
EL	EVATION		AREA	CAPA	CITY	ELE	VATION	AR	EΑ	CAF	ACITY	ELEV	ATION	AREA		CAPAC	HTY
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												}					
	REMARK	SA	ND REF	ERENC	ES					•		-1	L				
	Averag	e L	and Us	e for	the	Per	iod:	Cult: Wood:					and	Hay 75	%, 1	3%	
	C/I Ra Estima Total	t ed	Trap	Effic				sted fo	or Tı	ар Е	Effic	iency	= 1.5	6 Ac.F	t./S	q.Mí	•
	AGENCY	SUP	PLYING	DATA			Cons	ervat: Cexas	ion S	Servi	.ce	49.	DATE	July	31,	1956	