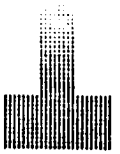

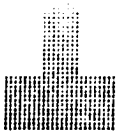

TABLE 9A.--WATER-QUALITY DATA FOR EDDY AND LEA COUNTIES, NEW MEXICO, ARRANGED BY BOTH FORMATION SOURCE AND GEOGRAPHIC LOCATION.

LEA COUNTY

LOCATION NO.	DATE OF COLLECTION	DEPTH FROM	DEPTH TO	FORMATION	PUMP-ING METHOD	SILICA (SiO2) (MG/L)	IRON (Fe) (MG/L)	CALCIUM (Ca) (MG/L)	MAGNESIUM (Mg) (MG/L)	SODIUM + POTASSIUM AS Na (MG/L)	BICARBONATE + CARBONATE (MG/L)	SULFATE (SO4) (MG/L)	HYDROGEN SULFIDE (H2S) (MG/L)	CHLORIDE (Cl) (MG/L)	FLUORIDE (F) (MG/L)	NITRATE (NO3) (MG/L)	DENSITY OF WATER AT 20C (GRAMS/ML)	DIS-SOLVED SOLIDS (SUM) (MG/L)	CALCIUM/TOTAL CATIONS (EQUIV)	SPECIFIC CONDUCT-ANCE (MICROS AT 25C)	SPECIFIC CONDUCT-ANCE (MICROS AT 18C)	RESIS-TIVITY MEAS. (OHM-M)	AT DEG C	RESIS-TIVITY CALC. (OHM-M AT 18C)	PH
25.14.33	05-28-61			200ALRN		-	-	-	-	-	-	-		-			-	-		-	-			-	
25.21.17	02-00-67	-		200ALRN	TA	-	-	-	-	-	-	-		-			-	-		-	-			-	
						-	-	-	-	-	-	-		-			-	-		-	-			-	
25.21.17	02-00-67			200ALRN		-	-	-	-	-	-	-		-			-	-		-	-			-	
25.22.12	01-29-63	-		200ALRN		-	-	2,500.	860.	17,000.	1,160.	1,800.	-	32,000.			1.043	55,000.	.256	-	67,300.			.149	7.7
25.23.12	03-03-60	-	8,050	200ALRN		-	-	5,400.	1,300.	14,000.	66.	-	-	36,000.			1.050	-	.607	-	-			-	4.5
25.23.31	11-14-67	14,140-14,367		259PESLM	DT	-	-	1,300.	56.	4,400.	641.	1,300.	-	14,000.			1.014	26,000.	.187	-	34,300.	.242	27.0	.291	7.1
25.24.31	11-14-67	7,147- 7,155		259PESLM	TA	32.	3.0	5,200.	1,900.	31,000.	878.	2,900.	-	59,000.			1.073	114,000.	.314	-	110,000.	.074	27.0	.091	7.7
25.24.32	04-20-59	8,070- 8,154		259PESLM	DT	-	-	1,500.	420.	15,000.	1,480.	2,200.	MD	24,000.			1.031	42,200.	.171	-	55,500.	-		.180	7.1
25.24.32	10-02-67	7,700-		259PESLM		-	-	3,200.	470.	22,000.	440.	640.	-	41,000.			1.053	68,000.	.253	-	82,400.	-		.121	6.9
25.24.32	07-07-64	7,500-		259PESLM		-	-	5,100.	2,100.	17,000.	853.	1,500.	-	40,000.			1.053	67,000.	.606	-	80,600.	-		.125	6.7
25.24.33	12-29-61	7,736- 7,395		259PESLM		-	-	-	-	22,000.	-	1,500.	240.	35,000.			1.044	-	-	-	-	-		-	6.7
25.24.34	04-04-52	8,700- 8,735		259PESLM	DT	-	-	-	-	21,000.	-	2,500.	310.	33,000.			1.044	-	-	-	-	.146	26.0	-	6.4
25.24.34	05-13-67	9,000-		259PESLM		-	-	2,700.	700.	20,000.	552.	4,000.	-	34,000.			1.045	62,000.	.220	-	73,900.	-		.135	6.9
25.25.31	00-00-00	-		259PESLM	WH	-	-	9,000.	330.	19,000.	745.	-	MV	34,000.			1.042	-	.221	-	-	-		-	6.8
25.25.32	05-28-61	6,340- 6,940		259PESLM	DT	-	-	4,300.	1,000.	25,000.	722.	2,700.	-	48,000.			1.055	15,100.	.272	-	94,000.	-		.106	6.8
						-	-	1,900.	670.	49,000.	500.	5,300.	0.0	77,000.			1.102	130,000.	.070	-	136,000.	.077	20.0	.073	6.5
25.25.32	02-00-67	-		259PESLM	TA	-	-	-	-	28,000.	-	-	-	44,000.			1.048	-	-	-	-	-		-	
25.25.33	10-22-58	06,996-07,017		259PESLM		-	-	2,800.	620.	18,000.	595.	1,200.	-	34,000.			1.044	58,000.	.242	98,100.	-	-		.141	6.2
25.26.34	06-18-60	-		259PESLM		-	-	7,100.	2,000.	32,000.	470.	1,900.	MD	66,000.			1.070	110,000.	.368	-	119,000.	-		.084	6.9
25.27.31	06-18-60	-		259PESLM		-	-	2,700.	630.	20,000.	673.	2,200.	MV	35,000.			1.040	61,000.	.216	-	73,800.	-		.136	7.0
25.27.34	07-06-60	-		259PESLM		-	0.0	2,800.	840.	23,000.	694.	2,500.	MV	40,000.			1.045	70,000.	.211	-	82,800.	-		.121	7.1
25.28.31	08-27-64	6,862- 6,904		259PESLM		-	-	2,400.	850.	28,000.	977.	3,200.	-	47,000.			1.056	83,000.	.155	-	94,800.	-		.106	7.6
25.28.32	03-07-59	07,048-07,063		259PESLM	DT	-	-	2,700.	860.	20,000.	900.	1,500.	190.	36,000.			1.045	61,000.	.235	-	74,300.	.110		.135	6.9
25.28.33	07-20-60	6,906- 6,994		259PESLM	ST	-	-	2,800.	620.	21,000.	360.	3,400.	-	36,000.			1.043	64,000.	.210	-	76,300.	-		.131	7.9
25.28.34	03-00-64	6,984- 6,998		259PESLM	WH	-	-	3,000.	1,300.	20,000.	690.	3,300.	-	38,000.			1.046	66,000.	.293	-	78,400.	-		.12	
25.28.34	02-00-67	-		259PESLM	TA	-	-	-	-	28,000.	-	-	-	43,000.			1.030	-	-	97,100.	-	-		-	
25.28.34	12-17-65	6,854- 6,887		259PESLM	FL	-	-	1,500.	280.	20,000.	367.	2,800.	MV	33,000.			1.049	58,000.	.113	-	70,700.	.128	27.0	.141	
26.32.12	08-24-51	9,150- 9,195		260SLDV	DT	-	TR	3,400.	860.	28,000.	431.	820.	0.0	52,000.			1.060	86,000.	.218	-	100,000.	-		.100	5.5
	02-00-67	-		260SLDV	TA	-	-	-	-	17,000.	-	-	-	27,000.			1.028	-	-	67,300.	-	-		-	
20.32.32	06-29-67	13,790-13,939		300DVNL	DT	-	-	1,200.	230.	7,600.	1,010.	1,300.	-	13,000.			1.016	24,000.	.239	-	31,600.	.25	27.0	.317	7.0
9.32.12	05-26-67	11,088-11,130		300DVNN	DT	-	MD	2,900.	1,200.	29,000.	603.	-	0.0	51,000.			1.065	-	.137	-	-	-		-	5.9
9.32.23	01-21-60	10,246-10,318		300DVNN		-	-	1,400.	490.	15,000.	499.	2,200.	-	24,000.			1.030	44,000.	.172	-	54,700.	-		.183	6.4
9.33.13	10-05-59	12,114-12,144		300DVNN	DT	-	MD	2,000.	370.	19,000.	740.	1,700.	-	32,000.			1.041	56,000.	.159	-	68,100.	.148		.146	7.2
9.33.36	07-07-60	12,148-		300DVNN	DT	-	20.	2,000.	400.	18,000.	855.	1,500.	0.0	31,000.			1.040	54,000.	.171	-	66,100.	.122	24.0	.150	6.9
9.34.19	06-29-48	-		300PVNN		-	0.0	-	-	23,000.	-	-	TR	35,000.			1.040	57,600.	-	-	-	-		-	6.2
9.35.19	02-12-49	-		300DVNN		-	0.0	-	-	22,000.	-	-	TR	34,000.			1.036	-	-	-	-	-		-	6.7
9.36.12	02-24-49	-		300DVNN		110.	1.0	4,500.	260.	17,000.	608.	1,500.	-	34,000.			1.024	56,400.	.327	-	71,700.	-		.139	6.2
9.36.13	04-23-64	-		300DVNN		-	TR	2,400.	360.	20,000.	199.	1,700.	TR	34,000.			1.042	58,000.	.173	-	71,900.	.120	20.0	.139	6.5
9.36.14	10-04-59	9,560-		300DVNN		-	-	4,000.	1,100.	30,000.	636.	1,100.	-	56,000.			1.067	93,000.	.221	-	105,000.	-		.095	6.8
9.36.23	11-04-59	11,527-		300DVNN	DT	-	0.0	6,000.	1,100.	32,000.	-	1,100.	-	49,000.			1.056	-	.283	-	-	-		-	6.8
9.36.24	08-14-60	11,956-12,079		300DVNN	DT	-	0.0	1,700.	230.	15,000.	955.	1,300.	0.0	26,000.			1.035	45,000.	158	-	57,200.	.140		.175	7.6
9.36.34	02-17-49	13,000-		300DVNN		-	TR	-	-	22,000.	-	-	0.0	34,000.			1.035	-	-	-	-	-		-	7.8
9.37.11	01-05-56	11,812-		300DVNN		-	HV	4,100.	1,200.	33,000.	807.	1,300.	0.0	60,000.			1.070	100,000.	.214	-	111,000.	-		.090	7.0
9.37.14	09-11-67	12,000-		300DVNN		-	-	2,700.	580.	21,000.	473.	250.	-	38,000.			1.042	63,000.	.205	-	78,100.	-		.128	6.7
9.37.24	04-05-55	11,656-11,681		300DVNN		-	0.0	8,700.	440.	33,000.	-	2,300.	0.0	50,000.			1.000	-	304	-	-	.100		-	6.0
[illegible]	00-00-00	10,810-		300DVNN		-	HV	3,200.	1,200.	18,000.	688.	1,700.	0.0	34,000.			1.035	54,000.	.336	-	72,100.	-		.134	6.5
[illegible]	09-27-56	13,177-13,250		300DVNN	DT	-	HV	1,700	750.	16,000.	712.	1,500.	0.0	28,000.			1.030	48,000.	.177	-	60,600.	-		.165	7.0
[illegible]	12-11-59	12,252-12,294		300DVNN		-	MD	2,600.	1,600.	16,000.	602.	1,100.	0.0	33,000.			1.040	56,000.	.367	-	69,400.	-		.144	6.6
[illegible]	12-11-59	12,294-12,252		300DVNN		-	MD	2,500.	910.	20,000.	705.	1,200.	0.0	36,000.			1.036	62,000.	.229	-	76,100.	-		.131	6.9

TABLE 9A.--WATER-QUALITY DATA FOR EDDY AND LEA COUNTIES, NEW MEXICO, ARRANGED BY BOTH FORMATION SOURCE AND GEOGRAPHIC LOCATION.

TABLE 9A.--WATER-QUALITY DATA FOR EDDY AND LEA COUNTIES, NEW MEXICO, ARRANGED BY BOTH