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State of California
THE RESOURCES AGENCY
Department of Water Resources

BULLETIN No. 91-12

WATER WELLS IN THE EASTERN PART
OF THE
ANTELOPE VALLEY AREA
LOS ANGELES COUNTY, CALIFORNIA

Prepared by
United States Department of Interior
Geological Survey

FEDERAL-STATE COOPERATIVE GROUNDWATER INVESTIGATIONS

DECEMBER 1966

HUGO FISHER
Administrator
The Resources Agency

EDMUND G. BROWN
Governor
State of California

WILLIAM E. WARNE
Director
Department of Water Resources

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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6N/12W-1J1. North American Aviation. Drilled by Evans Bros. Drilling Co. in 1957. 12-inch casing 0-581 ft. Altitude about 2,503 ft.

Surface soil and sandy clay -----	30	30	Clay, sandy, with streaks of clay ---	55	395
Clay, sandy -----	45	75	Sand with streaks of clay -----	35	430
Clay, sandy, with streaks of sand ----	29	104	Clay -----	80	510
Sand -----	116	220	Clay, sandy, with streaks of sand and gravel -----	68	578
Clay, sandy -----	10	230	Sand, hard -----	3	581
Sand -----	62	292			
Clay with streaks of coarse sand -----	48	340			

6N/12W-4A1. Harley McIntire. Drilled by R. & C. Drilling Co. in 1950. 12-inch casing 0-504 ft, perforated 288-504 ft. Altitude about 2,540 ft.

Surface soil -----	8	8	Sand and gravel -----	13	301
Sand and gravel -----	67	75	Sand and gravel, with streaks of clay ---	72	373
Clay -----	4	79	Sand and gravel -----	28	401
Sand and gravel -----	92	171	Clay -----	9	410
Rocks -----	2	173	Sand -----	58	468
Sand and gravel -----	49	222	Clay -----	6	474
Sand, hard -----	4	226	Sand and gravel -----	30	504
Sand and gravel -----	14	240	Sand, hard -----	4	508
Sand, hard -----	48	288			

6N/12W-5A1. White Fence Farms. Drilled by Fred Miller in 1948. 14-inch casing 0-460 ft. Altitude about 2,533 ft.

Surface sand -----	30	30	Clay -----	10	230
Sand, hard, and rock -	50	80	Sand, fine -----	5	235
Sand, hard -----	10	90	Clay and fine sand --	15	250
Sand, fine -----	10	100	Sand, fine, hard ----	25	275
Sand, fine, hard -----	10	110	Sand, water-bearing -	35	310
Clay and sand -----	10	120	Sand and clay, hard -	8	318
Sand, hard -----	15	135	Clay and sand -----	8	326
Clay and fine sand ---	15	150	Sand and clay, hard -	4	330
Clay and hard sand ---	15	165	Sand, water-bearing -	20	350
Sand, fine, hard -----	30	195	"Hard" -----	2	352
Sand, fine -----	25	220	Sand, water-bearing -	10	362

6N/12W-5A1.--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Clay and sand -----	12	374	Sand, water-bearing --	25	420
Sand, water-bearing --	10	384	"White quartz		
Clay and sand -----	11	395	cuttings" -----	35	455
			Granite, decomposed --	5	460

6N/12W-7A1. Sunnyside Farms Mutual Water Co. Drilled by F. Rottman in 1954. 14-inch casing 0-432 ft., perforated 276-432 ft. Altitude about 2,597 ft.

Sand, hard -----	50	50	Gravel and clay ----	20	300
Sand and a few			Sand and clay -----	30	330
boulders -----	50	100	Gravel -----	30	360
Sand, hard -----	50	150	Clay and gravel -----	20	380
Sand and clay -----	50	200	Sand, hard -----	20	400
Clay and gravel -----	30	230	Clay and Sand -----	10	410
Sand -----	30	260	Granite, decomposed --	10	420
Gravel, "heavy" -----	20	280	Granite, blue -----	12	432

6N/12W-7A2. Sunnyside Farms Mutual Water Co. Drilled by F. Rottman in 1954. 14-inch casing 0-456 ft. Altitude about 2,580 ft.

Surface soil -----	25	25	Sand, coarse, and		
Sand, coarse, and			clay -----	20	250
rocks -----	25	50	Sand, clay, and		
Sand and boulders ---	20	70	boulders -----	10	260
Boulders -----	10	80	Sand, coarse, with		
Clay, hard -----	10	90	clay streaks -----	10	270
Clay and small			Sand, coarse, and		
boulders -----	5	95	boulders -----	10	280
Sand -----	5	100	Sand with clay		
Clay, hard -----	15	115	streaks -----	15	295
Boulders -----	5	120	Sand, coarse -----	20	315
Clay, hard -----	8	128	Sand, coarse, and		
Clay and gravel -----	22	150	clay -----	20	335
Clay, hard -----	10	160	Clay and fine sand ---	10	345
Sand and hard clay ---	15	175	Boulders and gravel --	5	350
Clay and gravel -----	20	195	Clay and "quartz" ---	10	360
Sand and boulders ---	5	200	Gravel and boulders --	20	380
Boulders -----	20	220	Sand and gravel -----	20	400
Boulders and clay ---	10	230	Boulders and "quartz" --	15	415

6N/12W-7A2.--Continued.

Thickness Depth (feet) (feet)			Thickness Depth (feet) (feet)		
Boulders and sand ----	15	430	Sand, boulders, and		
Boulders and coarse			clay -----	10	450
sand -----	10	440	Granite, blue -----	6	456

6N/12W-8R1. White Fence Farms. Drilled by Fred Miller in 1954.
14-inch casing 0-630 ft, perforated 350-630 ft. Altitude about 2,646 ft.

Sandy loam -----	10	10	Clay -----	10	410
Sand -----	90	100	Rock, quartz -----	10	420
Sand -----	100	200	Rock, hard -----	20	440
Clay, brown -----	20	220	Sand and clay -----	10	450
Sand -----	20	240	Rock and clay -----	10	460
Clay -----	5	245	Rock, hard -----	20	480
Sand -----	20	265	Sand -----	20	500
Clay -----	10	275	Clay, red -----	10	510
Sand -----	10	285	Sand -----	20	530
Clay -----	5	290	Clay, red -----	10	540
Sand -----	10	300	Rock, quartz -----	10	550
Clay -----	10	310	Sand -----	10	560
Sand -----	10	320	Rock and sand -----	10	570
Clay -----	15	335	Sand -----	10	580
Conglomerate -----	5	340	Clay and quartz		
Sand -----	10	350	gravel -----	10	590
Rock, quartz -----	30	380	Gravel -----	10	600
Clay -----	5	385	Rock and gravel -----	20	620
Conglomerate -----	15	400	Rock -----	10	630

6N/12W-9H2. El Dorado Mutual Water Co. Drilled by Evans Bros.
Drilling Co. in 1952. 14-inch casing 0-600 ft, perforated 200-500 ft.
Altitude about 2,610 ft.

Sand -----	130	130	Clay and gravel -----	15	410
Gravel -----	10	140	Sand, hard -----	10	420
Boulders -----	10	150	Sand and boulders ---	10	430
Gravel and boulders --	40	190	Sand, hard -----	20	450
Clay -----	12	202	Sand and boulders ---	60	510
Sand and gravel -----	8	210	Clay -----	5	515
Clay and gravel -----	25	235	Sand and gravel -----	40	555
Sand -----	25	260	Sand, gravel, and		
Gravel and boulders --	35	295	boulders -----	40	595
Sand, hard -----	15	310	Clay -----	5	600
Sand, gravel, and					
boulders -----	85	395			

	Thickness	Depth		Thickness	Depth
	(feet)	(feet)		(feet)	(feet)

6N/12W-15D1. Los Angeles County Waterworks District No. 34, formerly West Palmdale Development Co. Drilled by R. & C. Drilling Co. in 1950. 24-inch casing 0-18 ft, no casing 18-510 ft. Altitude about 2,633 ft.

Surface soil -----	20	20	Sand, coarse, and		
Sand and gravel -----	45	65	gravel -----	41	286
Clay, sandy -----	8	73	Sand, coarse, loose --	15	301
Sand and gravel -----	116	189	Sand, hard -----	10	311
Clay -----	12	201	Sand -----	17	328
Sand and gravel -----	21	222	Sand, firm -----	9	337
Clay, sandy -----	15	237	Sand -----	25	362
Sand, hard -----	8	245	Sand, firm -----	108	470
			Sand, coarse -----	40	510

NOTE. Well sealed, to be opened and casing installed at a later date.

6N/12W-16A1. El Dorado Mutual Water Co., formerly Clarence Barker Drilled by R. & C. Drilling Co. in 1950. 14-inch casing 0-661 ft, perforated 388-661 ft. Altitude about 2,642 ft.

Surface soil -----	21	21	Sand -----	15	413
Sand and gravel -----	17	38	Sand, medium-hard ---	27	440
Clay, sandy -----	25	63	Sand with streaks of		
Sand and gravel -----	54	117	clay -----	15	155
Sand with streaks of			Sand, hard -----	33	188
clay -----	8	125	Sand, coarse -----	7	195
Sand, loose -----	16	141	Sand, medium-hard,		
Gravel, with streaks			with streaks of		
of clay -----	51	192	loose sand -----	45	540
Sand, firm -----	22	214	Sand, medium-hard ---	36	576
Sand -----	17	231	Sand, with streaks of		
Sand, medium-hard ---	35	266	clay -----	22	598
Gravel, medium-hard,			Sand -----	21	619
with streaks of			Sand, with streaks of		
loose sand -----	86	352	clay -----	42	661
Sand, firm -----	12	364	Sand streaks, very		
Sand and gravel -----	13	377	hard -----	2	663
Gravel, hard, with					
streaks of loose					
sand -----	21	398			

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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6N/12W-17A1. Sunnyside Farms. Drilled by F. Rottman in 1956.
14-inch casing 0-780 ft, perforated 400-760 ft. Altitude about 2,661 ft.

Clay and sand -----	30	30	Boulders and streaks		
Sand and small rocks -	20	50	of clay -----	22	340
Sand, coarse -----	85	135	Sand, coarse, and		
Sand, coarse, and			streaks of clay ---	65	405
streaks of clay ----	55	180	Sand and clay -----	25	430
Clay streaks and			Sand, coarse, and		
sand -----	25	205	streaks of clay ---	65	495
Sand, coarse -----	25	230	Sand and clay -----	25	520
Boulders, small, and			Clay and sand -----	92	612
sand -----	20	250	Sand -----	23	635
Sand, hard, packed ---	25	275	Clay and coarse sand-	22	657
Boulders and streaks			Gravel, "good" -----	56	713
of clay -----	20	295	Gravel, heavy -----	22	735
Sand, coarse, and			Gravel, "good" -----	23	758
boulders -----	23	318	Clay, red -----	22	780

6N/12W-17A2. Small Oil Co. Drilled by Jack White in 1940. No casing was ever installed in hole. Altitude about 2,665 ft.

Sand, coarse, and			Sandstone, coarse ---	100	700
gravel -----	200	200	Sandstone, gray,		
Clay, brown, "with			hard -----	200	900
stringers of lime" -	400	600			

6N/12W-21A1. Los Angeles County Waterworks District No. 34, formerly Marie Wilcox. Drilled by R. & C. Drilling Co. in 1950.
14-inch casing 0-702 ft, perforated 402-702 ft. Altitude about 2,670 ft.

Surface soil -----	18	18	Sand, loose, and		
Sand and gravel -----	89	107	gravel with streaks		
Gravel, coarse -----	28	135	of clay -----	199	591
Sand, coarse -----	21	156	Sand, hard, with		
Sand and gravel, with			streaks of clay ---	23	614
streaks of clay ----	66	222	Sand and gravel, with		
Sand, medium-hard ----	74	296	streaks of clay ---	38	652
Sand with hard			Sand, medium-hard,		
streaks -----	62	358	with streaks of		
Sand with streaks of			clay -----	44	696
clay -----	34	392	Sand, hard -----	8	704

Thickness	Depth	Thickness	Depth
(feet)	(feet)	(feet)	(feet)

7N/12W-32R2. Antelope Valley Water Co. Drilled by Evans Bros. Drilling Co. in 1950. 12-inch casing 0-437 ft, perforated 240-437 ft. Altitude about 2,523 ft.

Sand -----	50	50	Boulders -----	25	239
Sand, clay, and gravel -----	36	86	Clay and boulders ---	26	265
Clay with streaks of gravel -----	56	142	Sand and gravel -----	55	320
Sand and some boulders -----	72	214	Gravel and boulders -	45	365
			Sand, hard -----	25	390
			Clay -----	14	404
			Boulders -----	33	437

7N/12W-33R1. White Fence Farms Mutual Water Co. Drilled by Fred Miller in 1951. 14-inch casing 0-622 ft, perforated 222-622 ft. Altitude about 2,520 ft.

Surface sandy loam ---	10	10	Clay -----	5	405
Sand, coarse -----	30	40	Sand -----	10	415
Sand -----	20	60	Sand and clay -----	10	425
Sand, coarse -----	10	70	Sand -----	10	435
Sand -----	80	150	Rock -----	5	440
Sand and gravel, hard -----	50	200	Clay -----	5	445
Sand -----	20	220	Sand -----	15	460
Sand, hard -----	30	250	Clay -----	5	465
Sand and clay -----	10	260	Sand -----	10	475
Sand, hard -----	10	270	Clay -----	5	480
Sand -----	10	280	Rock and sand -----	15	495
Sand, hard -----	10	290	Sand -----	10	505
Sand and clay -----	10	300	Sand -----	31	536
Sand, hard -----	10	310	Sand and gravel, hard -----	29	565
Sand and clay -----	10	320	Clay -----	10	575
Rock and clay -----	20	340	Sand and gravel -----	20	595
Rock -----	10	350	Boulders and clay ---	15	610
Sand -----	20	370	Clay -----	5	615
Sand -----	30	400	Granite, hard -----	7	622