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CLERK, U. S. DISTRICT COURT
SOUTHERN DISTRICT OF CALIFORNIA
BY *William J. ...* DEPUTY

CLERK, U. S. DISTRICT COURT
SOUTHERN DISTRICT OF CALIFORNIA
BY *William J. ...*
Deputy Clerk

IN THE UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF CALIFORNIA
SOUTHERN DIVISION

FILED

DEC 12 1962

CLERK, U. S. DISTRICT COURT
SOUTHERN DISTRICT OF CALIFORNIA
BY *William J. ...* DEPUTY

11 UNITED STATES OF AMERICA,
12 Plaintiff,
13 vs.
14 FALLBROOK PUBLIC UTILITY
DISTRICT, et al.,
15 Defendants.

No. 1247-SD-C
ORDER RELATING TO
DETERMINING WATER
EXTRACTIONS FROM THE
SANTA MARGARITA RIVER
STREAM SYSTEM.

Introductory Judgment #45

18 The United States of America having filed a Motion
19 with this Court which in part requests this Court to determine
20 which wells extract substantial amounts of water, and this
21 Motion having been heard and good cause appearing, this Court
22 herein makes the following Findings and Orders:

23 1.
24 There is insufficient water within the Santa Margarita
25 River watershed to irrigate all lands which are susceptible
26 thereof.

27 2.
28 At the present time there is not complete factual
29 data available to ascertain the actual amount of water which
30 is being consumptively used within the Santa Margarita River
31 watershed, or the amount of land which is being irrigated.

CP

1 Nor is there complete factual data from which it can be
2 ascertained in many areas of the watershed the amount of water
3 available for extraction without injury to the ground water
4 storage areas.

5 3.

6 That the cost of installation of meters to obtain
7 desired factual information would in the aggregate be sub-
8 stantial.

9 4.

10 That it appears possible that the information desired
11 by the installation of meters may be obtained by some other
12 method which would impose less of a financial burden on the
13 individual water users.

14 5.

15 Therefore, based on the premise that the factual infor-
16 mation may possibly be obtained without the installation of
17 meters, this Court will enter its Order providing for methods
18 for obtaining the factual information desired, short of ordering
19 at this time meter installation. In making such Order, this
20 Court does so without prejudice to the possibility in the future
21 of requiring that meters be installed, should the methods
22 adopted herein not prove satisfactory.

23 THEREFORE, IT IS HEREBY ORDERED that:

24 1.

25 Lieutenant Colonel A. C. Bowen, Officer in Charge of
26 the Office of Ground Water Resources, Marine Corps Base,
27 Camp Pendleton, California, be and hereby is designated to obtain
28 factual information directed to determining the amounts of
29 water which are presently being consumptively used, the amounts
30 of land which have waters from the Santa Margarita River stream
31 system applied thereon, and the amounts of water which are

1 physically available for use within the Santa Margarita
2 River watershed. Said Lieutenant Colonel A. C. Bowen shall
3 from time to time and upon due notice submit the factual
4 information obtained to this Court, either by direct testimony
5 or written reports, PROVIDED that any party to this cause
6 shall have the right to examine him concerning said matters
7 and introduce such other evidence which may be relevant.

8

2.

9 For practical reasons at this time, certain designated
10 water users who use substantial amounts of the waters of the
11 Santa Margarita River stream system shall herein be required to
12 submit factual information to Lieutenant Colonel A. C. Bowen.
13 These water users who use substantial amounts of water are
14 set forth on the Exhibit attached to this Order.

15

3.

16 Said Lieutenant Colonel A. C. Bowen shall prepare
17 forms which shall be approved by this Court, which shall be
18 served upon the substantial water users who are not metering
19 extractions from wells or surface diversions who shall
20 complete these forms and return to Lieutenant Colonel A. C.
21 Bowen each month. These forms shall require the substantial
22 water users to set forth pertinent facts concerning their
23 water uses, including but not limited to:

24

a. Static level of the water plane;

25

b. The type of crop irrigated;

26

c. The area of each type of crop irrigated;

27

d. The type of irrigation used;

28

e. The number of irrigations;

29

f. The date of planting;

30

g. The date of harvest; and

31

h. Energy requirement to extract water from each well.

1 Those substantial water users who are metering
2 extractions or diversions shall submit the metered figures
3 to Lieutenant Colonel A. C. Bowen monthly and such other
4 factual matters as may be requested.

5 4.

6 That in addition to the monthly reports as set forth
7 above, said substantial water users shall during the month
8 of April and the month of October, in each year, submit a
9 report of tests conducted on each pumping plant on which this
10 Court orders that such a report be given. In determining
11 which pumping plant shall be subject to such a test,
12 Lieutenant Colonel A. C. Bowen shall make his recommendations
13 to this Court by written report, a copy of which shall be
14 served on the landowner or water user concerned. If any
15 landowner or water user concerned objects in writing within
16 ten (10) days after service to the recommendation, he shall
17 have the right to cross-examine Lieutenant Colonel Bowen
18 before this Court concerning the propriety of his recommenda-
19 tion, and submit such evidence as may be relevant. This
20 Court shall then make such determination as to which pumping
21 plants shall be subject to such tests.

22 5.

23 Lieutenant Colonel A. C. Bowen shall prepare forms
24 which shall be approved by this Court, which shall set forth
25 the information desired from each test conducted on the pumping
26 plants. These forms shall during the month of April and
27 during the month of October be completed and returned to
28 Lieutenant Colonel A. C. Bowen.

29 6.

30 That Lieutenant Colonel A.C. Bowen shall have the
31 authority to enter upon the lands of any substantial water

1 user and conduct such tests and measurements as he deems
2 necessary. He shall also have the authority to cooperate
3 with and assist any landowner or water user in complying with
4 any provisions of this Order.

5 7.

6 This Court retains jurisdiction to further modify the
7 Exhibit attached to this Order insofar as designating sub-
8 stantial water users. Should any party to this cause, or
9 should Lieutenant Colonel Bowen desire that any water user
10 be designated a substantial water user within the meaning of
11 this Order, notice concerned therewith shall be filed with this
12 Court and a copy served on the water user. If no objection is
13 filed, this Court may order the water user to be included as
14 a substantial water user within the meaning of this Order.
15 If objection is filed, this Court shall set the matter for
16 hearing, and, after receiving evidence, enter such Order as
17 is appropriate.

18 8.

19 As used herein, the designated Lieutenant Colonel A. C.
20 Bowen shall include persons who are working under his super-
21 vision.

22 9.

23 Failure to comply with this Order in furnishing informa-
24 tion and reports may lead to an Order that the party in default
25 be immediately required to install meters on his pumps and such
26 other sanctions as may be necessary.

27 10.

28 That this Order shall become effective immediately.

29 Dated: 12-¹²~~30~~-62

James

30

31

James M. Carter

JAMES M. CARTER
Judge, U. S. District Court

h

IRRIGABLE ACREAGE
SUBSTANTIAL WATER USERS
RIPARIAN TO THE
SANTA MARGARITA RIVER

OFFICE OF GROUND WATER RESOURCES
NOVEMBER 1962

3598

IRRIGATION ACRES
SUBSTANTIAL WATER USERS RIPARIAN
TO THE SANTA MARGARITA RIVER

3599

| <u>AGRICULTURE</u> | <u>Gross</u> | <u>Irrigable</u> | <u>Irrigated</u> | <u>Per-</u> | <u>Benefit</u> |
|----------------------------------|--------------|------------------|------------------|-------------|----------------|
| | <u>ACRES</u> | <u>ACRES</u> | <u>ACRES</u> | <u>CENT</u> | |
| Ballroom Public Utility District | 1,570 | Unknown | Unknown | | |
| Anderson, H. | 240 | 22.5 | 15.0 | | |

Royal Inclave

Camp Penitentiary

| | | | | | |
|--|--------|--------|--|--|--|
| Riparian to Santa Margarita River | 28,549 | 13,974 | | | |
| Riparian to De las-Boblar Creek | 3,207 | | | | |
| (Acquired by Decree filed 22 December 1943, Acquired by Public Land Order No. 293 dated 8 August 1945) | | | | | |

| | | | | | |
|--------------------------|--|----|--|--|--|
| Riparian to De las Creek | | 39 | | | |
| Riparian to Boblar Creek | | 33 | | | |

Naval Ammunition Depot

| | | | | | |
|-----------------------------------|-----------------|-----------------|--|--|--|
| Riparian to Santa Margarita River | 1,705 | 644 | | | |
| Riparian to Fallbrook Creek | 3,808 | 2,952 | | | |
| Miscellaneous to HAD | 1,425 | 1,282 | | | |
| <u>Vali (Tamasula Grant)</u> | <u>10,282.1</u> | <u>9,287.3</u> | | | |
| <u>Total</u> | <u>50,986.1</u> | <u>28,513.8</u> | | | |

IRRIGABLE ACREAGE
SUBSTANTIAL WATER USERS
IN THE
TEMECULA-AQUANGA GROUND WATER AREAS

OFFICE OF GROUND WATER RESOURCES
NOVEMBER 1962

**IRRIGABLE ACREAGE
SUBSTANTIAL WATER USERS IN THE
TEMUCULA-AQUANGA GROUND WATER AREAS**

| <u>Apparent Owner</u> | <u>Gross Acreage</u> | <u>Irrigable Acreage</u> | <u>Irrigated Acreage</u> | <u>Per- cent</u> |
|---|--------------------------|------------------------------|------------------------------|----------------------|
| <u>TEMUCULA CREEK</u> | | | | |
| Querry, F. | 384.6 | 225.0 | 100 | |
| Vail Company | | | | |
| Temucula Grant | 10,282.1 | 9,587.3 | * | |
| Little Temucula Grant | 1,726.7 | 1,608.7 | * | |
| Pauba Grant | 27,617.1 | 18,499.4 | * | |
| Sunnybrook (Knox-Albany) | 622.9 | 214.4 | 135 | |
| Cottle, W. H. | 136.6 | 62.0 | * | |
| Gibbon, W. B. | 347.5 | 107.6 | 60 | |
| Trunnell, D. (Brown, Covacks & Reed) | <u>708.0</u> | <u>517.6</u> | 60 | |
| Sub-Total | 41,825.5 | 30,822.0 | | |
| <u>WILSON CREEK</u> | | | | |
| Rancho Ramona (Oviatt) | 1,171.6 | 453.2 | 60 | |
| Stardust Ranch (Allen) | <u>2,039.0</u> | <u>922.9</u> | 17 | |
| Sub-Total | <u>3,210.6</u> | <u>1,376.1</u> | | |
| Total | <u>45,036.1</u> | <u>32,198.1</u> | | |

* Portions being irrigated.

IRRIGABLE ACREAGE
SUBSTANTIAL WATER USERS IN THE
MURRIETA GROUND WATER AREA

OFFICE OF GROUND WATER RESOURCES
NOVEMBER 1962

3602

**IRRIGABLE ACREAGE
SUBSTANTIAL WATER USERS IN THE
MURRIETA GROUND WATER AREA**

| <u>Apparent Owner</u> | <u>Gross Acreage</u> | <u>Irrigable Acreage</u> | <u>Irrigated Acreage</u> | <u>Per- cent</u> | <u>Remarks</u> |
|----------------------------------|--------------------------|------------------------------|------------------------------|----------------------|---|
| Brandenburg, E. | 42.5 | 42.5 | 40 | | |
| Cain, C. | 100.0 | 93.6 | 30.0 | | |
| Cantarini, D. | 11.0 | 11.0 | 11.0 | | |
| Coas, A. H. | 260.7 | 260.7 | 15.0 | | |
| Cohun & Jordan | 40.0 | 40.0 | 40.0 | | |
| Contreras, G. | 86.5 | 78.2 | 0* | | |
| Dwyer, A. | 71.2 | 71.2 | 0* | | |
| Flinn, J. H. | 21.5 | 8.4 | 5.0 | | |
| Freeman, K. | 25.0 | 25.0 | 14.0 | | |
| Gardner, B. M. | 46.0 | 46.0 | 35.0 | | Irrigated area estimated from Photo 62-7 dtd 7-31-62 |
| Grow, O. | 18.0 | 18.0 | 0* | | |
| Guenther Murrieta Hot Springs | 514.1 | 441.9 | 0 | | Public Supply |
| Gvinn, W. A. | 33.8 | 23.2 | 8 | | |
| Harnatz, W. M. | 10 | 10 | 0** | | |
| Hovell, G. | 202.9 | 174.4 | 120 | | Irrigated area estimated from Photo 61-5 dtd 5-9-61 |
| Jordan, W. | 17.6 | 17.6 | 17.0 | | |
| K & L Properties | 183.2 | 183.2 | 0* | | |
| Kidder, E. C. | 38.8 | 38.8 | 35.0 | | |

| <u>Apparent Owner</u> | <u>Gross Acreage</u> | <u>Irrigable Acreage</u> | <u>Irrigated Acreage</u> | <u>Per- cent</u> | <u>Remarks</u> |
|------------------------|----------------------|--------------------------|--------------------------|----------------------|--|
| King, C. | 16.1 | 14.1 | 8.0 | | |
| Lang, H. | 108.0 | 66.4 | 80.0 | | |
| Majin, A. | 19.7 | 19.7 | 15.0 | | |
| Mays, F. | 77.5 | 76.8 | 10.0 | | |
| Mize, R. V. | 28.0 | 28.0 | 28.0 | | Irr. area estimated from Photo 62-7 dtd 7-31-62 |
| Morrow, H. | 20.0 | 20.0 | 0 ⁰⁰ | | |
| Morse, J. | 7.5 | 7.5 | 7.0 | | Irr. area estimated from Photo 62-7 dtd 7-31-62 |
| Nicolas Ranch (Leifer) | 1,134.6 | 960.2 | 85.0 | | |
| Nielsen, W. E. | 60.0 | 60.0 | 30.0 | | |
| Oakley, M. J. | 80.0 | 78.1 | 30.0 | | Irr. area estimated from Photo 62-7 dtd 7-31-62 |
| Owens, D. | 69.4 | 68.7 | 29.0 | | Irr. area estimated from Photo 61-5 dtd 5-9-61 |
| Pascos, W. T. | 1,232.1 | 858.9 | 130.0 | | |
| Ranquin, Dave | 39.54 | 39.54 | 15.0 | | |
| Ribaudo, J. | 13.4 | 13.4 | 10.0 | | |
| Roripaugh, Leo | 2,983.8 | 2659.8 | 350.0 | | |
| Schwann, R. | 11.5 | 9.3 | 9.0 | | Irr. area estimated from Photo 62-7 dtd 7-31-62 |
| Shamal, J. B. | 279.1 | 258.0 | 210 | | |

| <u>Apparent Owner</u> | <u>Gross Acreage</u> | <u>Irrigable Acreage</u> | <u>Irrigated Acreage</u> | <u>Per- cent</u> | <u>Remarks</u> |
|-----------------------|----------------------|--------------------------|--------------------------|----------------------|---|
| Sykes, D. M. | 122.3 | 114.8 | 100 | | Irr. area estimated from Photo 62-6 dtd 7-31-62 |
| Sykes, H. H. | 20.0 | 20.0 | 18.0 | | Irr. area estimated from Photo 62-6 dtd 7-31-62 |
| Thompson, W. | 467.5 | 444.4 | 75.0 | | |
| Turner, C. W. | 664.3 | 618.1 | 183.0 | | |
| Usery, D. A. | 19.0 | 18.0 | 17 | | Irr. area estimated from Photo 61-6 dtd 5-9-61 |
| Weinstein, A. | 323.0 | 99.7 | 13 | | |
| Vail (Tuscola Grant) | 10,282.1 | 9,587.3 | (Note) | | |
| Whittlesey, V. | 19.9 | 19.9 | 19.0 | | Irr. area estimated from Photo 62-7 dtd 7-31-62 |
| Wildomar Farms | 71.34 | 71.34 | 63.0 | | |
| Wilks, T. H. | 149.1 | 145.7 | 0* | | |
| Wilks, T. E. | 31.2 | 31.2 | 22.0 | | |
| Withrow, C. B. | 54.5 | 54.5 | 50.0 | | |
| Young, J. (HAR Beach) | 16.3 | 12.2 | 10 | | Irr. area estimated from Photo 62-6 dtd 7-31-62 |
| Younger Brothers | 38.94 | 38.94 | 5.0 | | |

* Has past history of irrigation and present capability to resume irrigation.

** Being prepared for irrigation.

(Note) Portion is being irrigated.

WELL DATA
SUBSTANTIAL WATER USERS
RIPARIAN TO THE
SANTA MARGARITA RIVER

OFFICE OF GROUND WATER RESOURCES
NOVEMBER 1962

3606

SUBSTANTIAL WATER USERS RIPARIAN TO SANTA MARGARITA RIVER

| <u>USDS Number</u> | <u>Owner or User</u> | <u>Depth (ft)</u> | <u>Dia- meter</u> | <u>Pump Data</u> | |
|------------------------|-----------------------|-----------------------|-----------------------|------------------|--------------|
| | | | | <u>Type</u> | <u>Power</u> |
| 88/3W 13Q1 | Henderson, M. | 52 | 36 | | |
| | <u>Naval Enclave</u> | | | | |
| 98/4W 14M1 | HAD (River Wall) | 40 | 60 | T | 30 |
| 98/4W 26M1 | HAD (Fallbrook Creek) | 68 | 72 | T | 40 |
| 98/4W 29L1 | HAD (Stand by) | 103 | 8 | T | 20 |
| 108/4W 5B1 | Camp Supply | 80 | 20 | T | 75 |
| 108/4W 7A2 | Camp Supply | 122 | 16 | T | 125 |
| 108/4W 7B2 | Camp Supply | 96 | 16 | T | 125 |
| 108/4W 7C2 | Camp Supply | 142 | 16 | T | 100 |
| 108/4W 18M1 | Camp Supply | 130 | 20 | T | 100 |
| 108/4W 18M4 | Camp Supply | 163 | 16 | T | 125 |
| 108/5W 13R2 | Camp Supply | 136 | 16 | T | 100 |
| 108/5W 23J1 | Camp Supply | 140 | 24 | T | 125 |
| 108/5W 23K1 | Camp Supply | 150 | 16 | T | 150 |
| 108/5W 26C1 | Irrigation | 171 | 16 | T | 50 |
| 108/5W 26F1 | Irrigation | 170 | 16 | T | 50 |
| 108/5W 35K1 | Irrigation | 166 | 18 | T | 40 |
| 118/5W 2A1 | Camp Supply | 156 | 18 | T | 60 |
| 118/5W 2D3 | Irrigation | 122 | 16 | T | 30 |
| 118/5W 2E1 | Irrigation | 143 | 18 | T | 30 |
| 118/5W 2F1 | Irrigation | 133 | 18 | T | 30 |

WELL DATA
SUBSTANTIAL WATER USERS
IN THE
TEPECUILA-AGUANCA GROUND WATER AREAS

OFFICE OF GROUND WATER RESOURCES
NOVEMBER 1962

SUBSANTIAL WATER USERS IN THE TRAPICULA-AGUARCA GROUND WATER AREAS

| USGS Number | Observation Date | Apparent Owner | Date Completed | Depth | Dia-meter | Pump Data Type | Pump Data Power | Depth to Water | Pumping Data | | Use of Well |
|-------------|------------------|-----------------|----------------|-------|-----------|----------------|-----------------|---------------------|--------------|---------------|-------------|
| | | | | | | | | | Yield (gpm) | Drawdown (ft) | |
| 88/1E 8K2 | 23Nov62 | Allen, W. H. | | 185 | 12 | T | 15 | | | | I |
| 88/1E 8Q1 | " | " | 19 | 12 | N | N | | | | | |
| 88/1E 17A2 | " | " | 1948 | 137 | 10 | T | 5 | | | | Da |
| 88/1E 17C1 | " | " | | 59 | 8 | N | N | | | | Unk |
| 88/1E 17H1 | " | " | | 130 | 8 | J | 2 | 102.0 | | | Da |
| 88/1E 19K3 | " | Cottle, W. H. | 1958* | 130* | 10* | H* | H* | | | | Unk |
| 88/1E 19K | " | " | | 82 | 12 | H | H | | | | Unk |
| 88/1E | " | " | Nov60 | 75 | 10 | | | | | | Unk |
| 88/1E 19M2 | 23Nov62 | Gibson, W. R. | 1959 | 420 | 8 | N | N | 37.1 | | | Unk |
| 88/1E 19M4 | " | " | 1958 | 137 | 10 | N | N | 8.7 | | | Unk |
| 88/1E 19Q1 | " | " | 1942 | 85 | 12 | L | WM | Flowing slightly | | | |
| 88/1E 19Q2 | " | " | 1952 | 87 | 12 | T | Gas | | | | I |
| 88/1E 19Q3 | " | " | 1959 | 135 | 8 | N | N | 12.8 | | | Unk |
| 88/1E 19Q1 | " | " | Unk | 270 | 8 | N | N | 28.3 | | | Unk |
| 88/1E 20M1 | " | " | Unk | 240 | 8 | N | N | 24.7 | | | Unk |
| 88/1W 13K1 | 23Nov62 | Knox, G. L. | 1947 | 279 | 12 | N | N | (No access to well) | | | Unk |
| 88/1W 13Q1 | " | (Albany, W. C.) | 1952 | 180 | 10 | T | 5 | 60.0 | | | Da |

| USGS Number | Obser- vation Date | Apparent Owner | Date Com- pleted | Depth | Dia- meter | Pump Data Type Power | Depth to Water | Pumping Data | | | Use of Well |
|----------------|--------------------------|---|------------------------|-------|---------------|-------------------------|-------------------------|----------------|------------------|---------------|-------------------|
| | | | | | | | | Yield (gpm) | Drawdown (ft) | Time (hrs) | |
| 88/1W 1302 | 23Nov62 | Knox, G. L. (Albany, V. C.) | 1952 | 180 | 10 | T 25 | 40.0 | | | | I |
| 88/1W 2811 | " | " | | 185 | 10 | T 15 | 41.0 | | | | I |
| 88/1E 7J1 | 23Nov62 | Oriette, J. | 1959 | 450 | 10 | T 15 | Pumping | | | | I |
| 88/1E 7M1 | " | " | | 106 | 12 | M 15 | Dry | | | | Dk |
| 88/1E 7M3 | " | " | | 182 | 12 | M 15 | Dry | | | | Dk |
| 88/1E 7P2 | " | " | | 145 | 12 | T 15 | Dry | | | | I |
| 88/1E 7Q1 | " | " | | 135 | 8 | T 5 | 106.7 | | | | I |
| 88/1E 7Q4 | " | " | | 150 | 8 | J 7½ | 68.7 | | | | Dk |
| 88/1E 18B1 | " | " | 1954 | 210 | 12 | M 15 | Dry | | | | Dk |
| 88/1E 18C1 | " | " | | 588 | 12 | T 15 | Pumping | | | | I |
| 88/2W 19J2 | 23Nov62 | Querry, F. | 1955 | 400+ | 14 | T 75 | Pumping 1200 | 40-50 | | | I |
| 88/2W 29C1 | " | " | | 488 | 12 | M 15 | 8.61 | | | | Dk |
| 88/2W 29D1 | " | " | 1956 | 108 | 10 | J 1½ | | | | | Dk |
| 88/1E 28E1 | 23Nov62 | Trunnell, D. (Brown, Corvick & Reed) | | 39* | | | (No access to property) | | | | |
| 88/1E 29A1 | " | " | | 107* | 8* | 1* | 15* | | | | Dk* |
| 88/1E 29J1 | " | " | 1939* | 14* | 24* | J* | 15* | | | | Dk* |
| 88/1E 33F1 | " | " | | 150* | 8* | J* | 15* | | | | I |
| 88/1E 33G1 | " | " | 1952 | 260 | 12 | T 15 | | | | | I |

* Data obtained from United States Geological Survey Report dated 1960.

WELL DATA
SUBSTANTIAL WATER USERS IN THE MURRIETA
GROUND WATER AREA

OFFICE OF GROUND WATER RESOURCES
NOVEMBER 1962

SUBSTANTIAL WATER USERS IN THE MERRIENA GROUND WATER AREA

| USIS Number | Owner- Address | Apparent Owner | Date Completed | Depth | Dia- meter | Pump Type | Date Power | Depth to Water | Yield (gpm) | Pumping Data | | | Use of Well |
|-------------|-------------------|-----------------|-------------------|-------|---------------|--------------|---------------|----------------------|----------------|-------------------|---------------|-------------------------|-------------------|
| | | | | | | | | | | Breakdown (ft) | Time (hrs) | | |
| 79/4W 2R3 | 240ct62 | Brandenburg, E. | Jul62 | 267 | 12 | T | 40 | 60.13 | 610 | 40 | Unk | I | |
| 79/3W 21K1 | 230ct62 | Cahn, C. | Unk | Unk | 14 | H | H | (Standard 12) | 1000 | 100 | | I | |
| 79/3W 21K2 | 230ct62 | Cahn, C. | Unk | 300 | 12 | T | 20 | 18.0 | | | | I | |
| 79/3W 21I2 | 230ct62 | Cahn, C. | 1951* | 104* | 8* | T* | 3/4* | 33.32* | | | | I* | |
| 79/3W 21Q1 | 230ct62 | Cahn, C. | Unk* | 120* | 16* | T* | 10* | 42.36* | | | | I* | |
| 79/3W 27J2 | 240ct62 | Ganterlani, D. | 1955 | 260 | 8 | T | 7 1/2 | 16.8 | 524 | 59 | 1 | I | |
| 79/3W 24A1 | 220ct62 | Cass, A. H. | 1944* | 165* | 12 | T | 40 | 60.0 | | | | I | |
| 79/3W 24Q | 220ct62 | Cass, A. H. | May62 | 137 | 14 | H | H | 63.7 | 360 | 35 | 24 | I | |
| 79/3W 17J1 | 250ct62 | Cahn & Jordan | Unk | 3004 | Unk | T | 16 | | | | | I | |
| 79/3W 17Q | 250ct62 | Cahn & Jordan | Unk | 300* | Unk | T | 25 | 124.3 | 1100 | Unk | 5-6 | I | |
| 79/3W 20R | 680ct62 | Centurus, O. | 1962 | Unk | 8 | T | 3/4 | (No access to well) | | | | I | |
| 79/3W 20R3 | 680ct62 | Centurus, G. | | 105 | 12 | T | 5 | 26 | | | | I | |
| 79/3W 20R5 | 680ct62 | Centurus, O. | | 3004 | 12 | T | 10 | 27.0 | | | | I | |
| 79/3W 27Q | | Dwyer, A. | | | | | | | | | | (No access to property) | |
| 79/3W 27Q | | Dwyer, A. | | | | | | | | | | (No access to property) | |
| 6S/4W 35K1 | 240ct62 | Filim, J. H. | 1956 | 100 | 10 | T | 10 | 67.93 | | | | I | |
| 79/4W 1B2 | 250ct62 | Freeman, K. | 1951 | 145 | 12 | T | 2 1/2 | (No access to well) | | | | I | |
| 79/4W 1B3 | 250ct62 | Freeman, K. | 1960 | 120 | 12 | T | 15 | 63.3 | 450 | 32 | 72 | I | |

| USGS Number | Observation Date | Apparent Owner | Date Completed | Depth | Dia- meter | Pump Type | Data Power | Depth to Water | Field (gpm) | Pumping Data | | Use of Well |
|----------------|---------------------|-----------------------------------|-------------------|-------|---------------|--------------|---------------|-------------------------|----------------|------------------|---------------|-------------------|
| | | | | | | | | | | Drawdown (ft) | Time (hrs) | |
| 79/3W 18J | | Gardner, B. M. | | | | | | | | | | |
| | | (No access to property) | | | | | | | | | | |
| 79/3W 18P | | Gardner, B. M. | | | | | | | | | | |
| | | (No access to property) | | | | | | | | | | |
| 68/W 35M | 18Nov62 | Grav, O. | Unk | 128 | 12 | ? | 10 | 95.4 | | | | I |
| 79/3W 14J1 | 22Oct62 | Quantar's Marrieta Hot Springs | | | | | | | | | | |
| | | (Listed as Springs by Owner) | | | | | | | | | | |
| 79/3W 23A1 | " | " | 1939 | Unk | 8 | ? | 15 | (Pumping) | 125 | 21 | 9.3 hrs | Ps |
| 79/3W 23A2 | " | " | 1933 | Unk | 16 | ? | 30 | (Pumping) | 240 | 22 | 22.5 hrs | Ps |
| 79/3W 23A3 | " | " | Unk | 100 | Unk | ? | 15 | (Dry) | | | | Unk |
| 79/3W 24D1 | " | " | Mar61 | 440 | 12 | ? | 50 | 79 | 615 | 62 | 41.0 | Ps |
| 79/3W 24D1 | 29Oct62 | Ovlin, V. A. | 1950* | 124 | 10 | ?? | 7 1/2 | (No access to well) | | | | I |
| 79/3W 20R | " | " | Unk | 300' | 12 | ? | 7 1/2 | 52.5 | | | | I |
| 79/3W 17Q | 29Oct62 | Karwitz, W. M. | Oct61 | 446 | 12 | Unk | Unk | 1000 | 1000 | 64 | 12 | I |
| 79/3W 20Q2 | | Hatchway, S. M. | 1951* | 130* | 12* | ?? | 15* | (No access to property) | | | | ?? |
| 79/3W 20Q1 | | Howell, G. | | 60* | 12* | ?? | ?? | (No access to property) | | | | Unk |
| 79/3W 20Q1 | | Howell, G. | | 180* | | ?? | Wind* | | | | | S |
| 79/3W 20Q3 | | Howell, G. | | | | ?? | 1 1/2* | | | | | Unk |
| 79/3W 21M | | Howell, G. | | | | | | | | | | |

| USIS Number | Observation Date | Apparent Owner | Date Completed | Depth | Diameter | Pump Type | Pump Power | Depth to Water | Pumping Data | | Use of Well |
|-------------|------------------|----------------|----------------|-------|----------|-----------|------------|-------------------------|--------------|---------------|-------------|
| | | | | | | | | | Yield (gpm) | Drawdown (ft) | |
| 7S/3W 28C1 | | Howell, G. | | Unk | 8" | 38 | 1 1/2" | (No access to property) | | | 5" |
| 7S/3W 28C2 | | Howell, G. | | 300" | 10" | 1" | 50" | (No access to property) | | | 1" |
| 7S/3W 28E | | Howell, G. | | | | | | (No access to property) | | | |
| 7S/3W 29A1 | | Howell, G. | | 90" | 12" | 1" | 10" | (No access to property) | | | 1" |
| 7S/3W 29G1 | | Howell, G. | | | | 1" | Wind* | (No access to property) | | | Unk |
| 7S/3W 21J1 | 24Oct62 | Jordan, V. | 1916 | 90 | 8 | 8 | 8 | Dry | | | Unk |
| 7S/3W 21J2 | 24Oct62 | Jordan, V. | 1961 | 412 | 8 | 1" | 10 | 65 | 300 | 10 | 8 |
| 7S/3W 21J1 | 31Oct62 | RAL Properties | 1955 | 227 | 12 | 1" | 10 | 68 | | | 1 |
| 7S/3W 202 | 31Oct62 | RAL Properties | Jul61 | 226 | 12 | 1" | 1 | 73.2 | 500 | 112 | 12 |
| 7S/3W 7R1 | 31Oct62 | Kydder, R. C. | Unk | 208 | 10 | 1" | 20 | 91.0 | | | 1 |
| 7S/3W 27M1 | 23Oct62 | King, C. | | 112 | 12 | 1" | 15 | 43 | | | 1 |
| 7S/3W 29A1 | 26Oct62 | Lang, H. | | 275+ | 12 | 1" | 25 | 50 | | | 1 |
| 7S/3W 29A2 | 26Oct62 | Lang, H. | | 170 | 8 | 1" | 1/2 | 43 | | | Unk |
| 6S/3W 35F2 | 24Oct62 | MaJia, A. | 1956 | 245 | 10 | 1" | 15 | Pumping | | | 1 |
| 7S/3W 21L1 | 23Oct62 | Maye, J. | | 290 | 10 | 1" | 7 1/2 | 35 | | | 1 |
| 7S/3W 21W3 | 24Oct62 | Maye, J. | | 100+ | 8 | 1" | 1/2 | (Obstruction at 100 ft) | | | |
| 7S/3W 17M | | Mise, R. V. | | | | | | (No access to property) | | | |
| 7S/3W 7R2 | 30Oct62 | Morrow, H. | 1923 | 220 | Unk | 1" | 20 | 190.0 | 360 | | Unk |

| USGS Number | Observation Date | Apparent Owner | Date Completed | Depth | Diameter | Pump Type | Data Power | Depth to Water | Pumping Data | | | Use of Well |
|-------------|------------------|------------------------|----------------|-------|----------|-----------|------------|----------------|--------------|---------------|------------|-------------------------|
| | | | | | | | | | Yield (gpm) | Drawdown (ft) | Time (hrs) | |
| 78/3W 16H | | Korse, J. | Jan 61 | 267 | 8 | Unit | Unit | | 150 | 100 | 12 | I |
| 78/3W 20M | 23Oct62 | Ricolas Ranch (Letter) | Dec 61 | 615 | 12 | 90 | Gas | 67.3 | | | | I |
| 78/3W 20H5 | 29Oct62 | Kielbas, V. B. | | 195 | 12 | 7 | 30 | 85 | | | | I |
| 78/3W 17H2 | 29Oct62 | Oakley, M. J. | 1962 | 450 | 14 | Unit | Unit | 131.5 | | | | I |
| 78/3W 17H1 | 29Oct62 | Oakley, M. J. | | Unit | 12 | 7 | Unit | | 285 | | | Unit |
| 78/3W 21W1 | 23Oct62 | Owens, D. | 1951* | 84* | 12* | 7* | | | | | | Unit |
| 78/3W 21W1 | 23Oct62 | Owens, D. | | 252* | 16* | 7* | 7* | | | | | Unit |
| 78/3W 27M1 | 26Oct62 | Pascoe, W. T. | | | | | | | | | | (could not locate well) |
| 78/3W 27H2 | " | " | | | | | | | | | | (could not locate well) |
| 78/3W 27P1 | " | " | | 235 | 14 | 7 | 1 | 149 | | 388 | | Unit |
| 78/3W 27Q2 | " | " | | 100 | 16 | 7 | 5 | 41 | | 209 | | Unit |
| 78/3W 27Q3 | " | " | | 300+ | 14 | 7 | 20 | 59 | | 438 | | I |
| 78/3W 28B2 | " | " | | | 8 | 7 | | | | | | Unit |
| 78/3W 28B1 | " | " | | 300* | 14 | 7 | 15 | 30. | | 295 | | I |
| 78/3W 34C | " | " | | 116 | 14 | 7 | 7 1/2 | 55 | | 121 | | Unit |
| 68/W 35L | 6Nov62 | Regula, Dave | 1960 | 225 | 10 | 7 | 7 1/2 | | | | | Unit |
| 68/W 35Q3 | | Ritardo, J. | 1957* | 140* | 10* | 7* | 5* | | | | | Unit |

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| USGS Number | Obser- vation Date | Apparent Owner | Date Com- pleted | Depth | Dia- meter | Pump Type | Data Power | Depth to Water | Pumping Data | | Use of Well |
|-------------|--------------------------|-----------------|------------------------|--------|---------------|--------------|---------------|-------------------------|----------------|------------------|-------------------|
| | | | | | | | | | Yield (gpm) | Drawdown (ft) | |
| 78/31 2301 | 220ct62 | Barrigaugh, Leo | 1985* | 415.3* | 9" | I* | Wind* | (Could not locate well) | | | D* |
| 78/31 2402 | 220ct62 | Barrigaugh, Leo | 1987* | 165 | 16 | J | 1/2 | 53 | | | D* |
| 78/31 2501 | 220ct62 | Barrigaugh, Leo | 1990* | 140 | 8 | T | 90 | 44 | | | I |
| 78/31 2511 | 220ct62 | Barrigaugh, Leo | | 300* | 14 | T | 90 | 43.4 | | | I |
| 78/31 2601 | 220ct62 | Barrigaugh, Leo | | 103 | 10 | J | 1/2 | 24. | | | D* |
| 78/31 3401 | 220ct62 | Barrigaugh, Leo | | 300* | 12 | T | 25 | 65 | 564 | | I |
| 78/31 3501 | 220ct62 | Barrigaugh, Leo | 1990* | 300* | 14 | T | 50 | 44 | 852 | | I |
| 78/31 1802 | | Behnam, E. | | 155 | 8 | T | 7 1/2 | 32.0 | | | I |
| 78/31 1301 | | Shamuel, J. B. | | 214* | | T* | 9* | | | | I* |
| 78/31 1801 | | Shamuel, J. B. | | | | | | | | | |
| 78/31 2442 | | Shamuel, J. B. | | | | T* | 30* | | | | I* |
| 78/31 2501 | | Shamuel, J. B. | | | 8" | J* | 1/2 | | | | S* |
| 78/31 2502 | 240ct62 | Shamuel, J. B. | 1912 | Unk | 9 | T* | 30* | Pumping | | | I* |
| 78/31 2502 | 240ct62 | Shamuel, J. B. | 1996 | Unk | Unk | T | 40 | 36.90 | | | I |
| 78/31 3501 | 220ct62 | Shamuel, J. B. | | 300* | 16 | T | 28 | 25 | | | I |
| 78/31 3502 | 220ct62 | Shamuel, J. B. | | | | | | | | | |

(No access to well)

(Could not locate well)

| Well Number | Observation Date | Apparent Owner | Date Completed | Depth | Diameter | Pump Type | Pump Date | Depth to Water | Pumping Data | | | Use of Well |
|-------------|------------------|----------------|-------------------|------------------|----------|-----------|-----------|----------------|--------------|---------------|------------|--------------------------|
| | | | | | | | | | Yield (gpm) | Drawdown (ft) | Time (hrs) | |
| 78/3W 18A1 | | Sykes, D. M. | Aug61 | 270 | 10 | That | That | 74 | 670 | 105 | 12 | I |
| 79/3W 18A3 | | Sykes, D. M. | | | | | | | | | | (Could not locate owner) |
| 78/3W 18A1 | | Sykes, D. M. | | | | | | | | | | (Could not locate owner) |
| 78/3W 17B1 | 26Oct62 | Sykes, H. H. | | 100 | | SP | 1/2 | Dry | | | | DM |
| 78/3W 17B2 | 26Oct62 | Sykes, H. H. | 1962 | 300 | 12 | | | 109.1 | | | | DM |
| 78/3W 7B1 | 5Nov62 | Thompson, V. | | 103 | 12 | T | 10 | 40.4 | | | | I |
| 78/3W 7B2 | | Thompson, W. | | | | | | | | | | (No access to well) |
| 79/3W 17A1 | 5Nov62 | Thompson, V. | 1957 ⁺ | 92.7 | 10 | RI | 1 | 88.4 | | | | DM |
| 78/3W 18A3 | 5Nov62 | Thompson, V. | | over 300 | 12 | RI | 40 | | | | | I |
| 78/4W 12B1 | 5Nov62 | Thompson, V. | | 79.7 | 14 | H | H | 44.6 | | | | DM |
| 78/3W 28B1 | 25Oct62 | Turner, C. V. | | 74 | 8 | | WM | 40 | | | | S |
| 79/3W 28Y1 | 25Oct62 | Turner, C. V. | | 156 | 12 | T | 10 | 41 | | | | I |
| 79/3W 28Y2 | | Turner, C. V. | | | | | | | | | | (Could not locate well) |
| 78/3W 28Y3 | | Turner, C. V. | | | | | | | | | | (Could not locate well) |
| 78/3W 28O1 | 25Oct62 | Turner, C. V. | | 300 ⁺ | 14 | RI | 125 | 45 | 1400 | | | I |

| USGS Number | Observer Station Date | Apparent Owner | Date Com-pleted | Depth | Dia-meter | Pump Type | Data Power | Depth to Water | Yield (gpm) | Pumping Rate (ft ³ /hrs) | Use to Well |
|-------------|-----------------------|-----------------|-----------------|-------|-----------|-----------|------------|--------------------------|-------------|-------------------------------------|-------------|
| 78/3W 28K1 | 29Oct62 | Turner, C. W. | | | 8 | F | 40 | | 700 | | I |
| 78/3W 6M1 | 26Oct62 | Turner, C. W. | | | 12 | L | Wind | (No access to well) | | | Unk |
| 78/3W 6N1 | 26Oct62 | Turner, C. W. | | | 6 | F | 5 | 36.7 | | | I |
| 78/3W 6K1 | 26Oct62 | Turner, C. W. | | | 10 | F | 3 | (No access to well) | | | Da |
| 78/3W 6C1 | 26Oct62 | Turner, C. W. | | | 8 | N | N | (No access to well) | | | N |
| 78/3W 8B1 | | Turner, C. W. | | | | | | (Could not locate well) | | | |
| 78/3W 1A1 | 26Oct62 | Turner, C. W. | | | 190 | N | N | (No access to well) | | | Unk |
| 78/3W 1A2 | 26Oct62 | Turner, C. W. | | | | F | 20 | (No access to well) | | | IS |
| 78/3W 1B2 | 31Oct62 | Turner, C. W. | 1962 | 500 | 12 | N | N | 1000 | | | Unk |
| 78/3W 1H1 | 31Oct62 | Turner, C. W. | | | 270 | N | N | 27.30 | | | Unk |
| 78/3W 27L1 | | Usery, D. A. | | | | | | (Could not locate owner) | | | |
| 78/3W 7E1 | 1Kov62 | Helinstein, A. | | | 414 | N | N | 132.50 | | | Unk |
| 78/3W 7E2 | 29Oct62 | Helinstein, A. | 1958 | 214 | 10 | F | 20 | 83.75 | | | I Da |
| 78/3W 7E1 | 29Oct62 | Helinstein, A. | | | 42 | N | N | 29.23 | | | Unk |
| 78/3W 7E2 | 29Oct62 | Helinstein, A. | | | 27.60 | N | N | 27.60 | | (Obstruction) | Unk |
| 78/3W 7E3 | 29Oct62 | Helinstein, A. | | | 80 | N | N | 30.64 | | | Unk |
| 78/3W 7E3 | 29Oct62 | Whittlessey, V. | 1959* | 210 | Unk | K1 | 20 | | | | Da I |

| USGS Number | Observation Date | Apparent Owner | Date Completed | Depth | Diameter | Pump Type | Pumping Data to Water | Pumping Data | | Use of Well |
|-------------|------------------|-----------------------|----------------|-------|----------|-----------|-----------------------|--------------------------|---------------|-------------|
| | | | | | | | | Yield (gpm) | Drawdown (ft) | |
| 68/AW 35P | 23Oct62 | Willdamer Farms | | Unk | Unk | 3 | 1 | Pumping | | I |
| 68/AW 35P1 | 23Oct62 | Willdamer Farms | 1925 | 294 | 14 | 2 | 40 | Bl.1 | | I |
| 68/AW 35P2 | 23Oct62 | Willdamer Farms | | | | | | (destroyed) | | |
| 68/AW 35Q2 | | Wilks, T. E. | 1880 | 80 | 7 | 1 | 1 | (No access to well) | | I |
| 78/AW 2A | 7Nov62 | Wilks, T. E. | Unk | | 10 | 1 | Unk | (No access to well) | | I Du |
| 78/AW 2B1 | 7Nov62 | Wilks, T. E. | Unk | 138 | 12 | 1 | 40 | 57.2 | | I |
| 68/AW 35D1 | 24Oct62 | Withrow, C. B. | 1951 | 185 | 12 | 1 | 30 | Pumping | | I |
| 78/3W 20B5 | | Young, J. (BAH Ranch) | 1977* | 270* | 12* | 1* | 10* | (Could not locate owner) | | 1* |
| 78/3W 20D2 | | Young, J. (BAH Ranch) | | | 12* | 1* | 7 1/2* | (Could not locate owner) | | 1* |
| 68/AW 36M1 | 26Oct62 | Younger Brothers | Unk | 102 | 8 | 1 | 10 | 50.48 | | I |

* Data obtained from United States Geological Survey Report dated 1960.