Water Resources, Woodlands,
Modeling Data,

Cleath & Associates,
#0019, Studies and Reports,
06/01/99,

'98 JUN 9 PM 2 20

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Mr. John McKenzie
Environmental Division
Department of Planning and Building
County Government Center, Room 310
San Luis Obispo, CA 93408-2040

SUBJECT: Modeling data and information for The Woodlands Project, Woodlands Specific Plan EIR (ED95-026; G940005S).

Dear Mr. McKenzie:

Cleath & Associates has compiled, to the extent feasible, the information requested in correspondence to your office from Mr. John Snyder dated May 5, 1998. A summary of the attached information follows below.

A list of all wells within the model grid evaluated for the study, sorted by state well number and cross-referenced with model grid location and layer, is attached (Attachment A). Figure 2 shows wells within the study area but does not cover the entire model grid and no such figure is available (Attachment B).

Wells for which drilling/construction logs were obtained and entered into our proprietary data base are listed in Attachment B. The "logqual" column notes those wells for which logs were available but that were not entered into the data base (certain oil wells) and those wells which had a poor log quality (typically not detailed enough or with conflicting terms) and were not used for modeling.

The drilling/construction logs for listed water wells may be reviewed at the San Luis Obispo County Engineering Department. Logs for oil wells may be reviewed at the California Department of Oil and Gas offices in Orcutt.

Cleath & Associates use of wells in the model is not restricted to those representing the main producing zone (Model Layer 2). In addition, Cleath & Associates evaluated all wells for which we had any information, therefore, we do not have any logs, water levels, locations, etc., for wells not evaluated for use in the study.

Figures 15 through 18, and Table 11 show storativity and permeability values used in modeling (Attachment C). The range of values for Layer 1 specific yield were derived from information published in USGS Water-Supply Paper 1662-D (page D48; Attachment C). The range of storativity values for Layer 2 are typical for confined to leaky-confined conditions such as found in Layer 2. The range of permeability values were derived from pump test data (Attachment C).

The initial assignment of aquifer parameters by area were based on pumping test data and a review of lithologies in cross-sections. A total of 30 cross-sections were prepared and reviewed for the study that used most of the wells for which logs were available. Following initial assignment of aquifer parameter values, adjustments were made during model calibration.

A listing of historical water levels used in modeling is attached (Attachment D). Note that each well is assigned a layer number (1 or 2) referring to the model layer it represents. Projected water level information by model grid was requested by Mr. Snyder but comprises almost 400,000 data points (2000 cells, 2 layers, 96 stress periods). Review of water levels by model grid is not feasible. Note that water levels are computed using ModFlow software and this software is fully documented in "A modular Three-Dimensional Finite-Difference Ground Water Flow Model" (McDonald and Harbaugh 1988). For review purposes, plots of historical water levels and the simulated water levels for the calibration wells are submitted (Attachment D). The locations of calibration wells are shown in Figure 20 (Attachment D).

The major wells representing historical water pumpage information used in modeling are shown in Figure 19 (Attachment E). Projected pumpage for modeling would be the same except for addition of The Woodlands wells.

Return flow values range from 14 to 41 percent of applied irrigation and are generally 21 percent. The values used are based on an algorithm for irrigation return flows developed by the Santa Maria Water Resources Agency (Attachment F).

Percolation of precipitation values used in model listed by area on page 34 of Water Resources Management Study for The Woodlands (Attachment G). Wells used to come to the conclusions on percolation of precipitation on the Nipomo Mesa are those listed in 12N/35W-32, 33, and 34, and 11N/35W-3, 4, 5, 8, 9, and 10.

The ground water inflow and outflow calculations through study area boundaries are available as totals per stress period during "historical" calibration between Zone 2 (Nipomo Mesa) and Zone 5 (Santa Maria Valley). These values are given in the attached ZoneBudget reports (Attachment H).

Signed,

Timothy S. Cleath
Principal Hydrogeologist

cc: John Janneck (without attachments)

Attachment A:

List of wells within model area

WELL NUMBER	WELL NAME	TRS	TYPE	LAYER	COL	ROW
10N/34W-02F01		10N/34W-02F01		1	46	68
10N/34W-02F02		10N/34W-02F02		1	45	68
10N/34W-03G01		10N/34W-03G01		1	46	70
10N/34W-03G02		10N/34W-03G02		1	46	68
10N/34W-03H02		10N/34W-03H02		1	45	70
10N/34W-03M01		10N/34W-03M0		1	47	66
10N/34W-03M02		10N/34W-03M0		1	47	66
10N/34W-03N01		10N/34W-03N01		1	48	66
10N/34W-03P01		10N/34W-03P01		1	48	68
10N/34W-03P02		10N/34W-03P02		1	48	68
10N/34W-03R01		10N/34W-03R01		1	49	70
10N/34W-03R02		10N/34W-03R02		1	48	70
10N/34W-03R03		10N/34W-03R03		1	48	70
10N/34W-03R04		10N/34W-03R04		1	49	70
10N/34W-04A01		10N/34W-04A01		1	45	66
10N/34W-04A02		10N/34W-04A02		1	45	66
10N/34W-04J01		10N/34W-04J01		1	47	66
10N/34W-04L01		10N/34W-04L01		1	47	63
10N/34W-04M01		10N/34W-04M0		1	47	60
10N/34W-04N01		10N/34W-04N01		1	48	60
10N/34W-04N02		10N/34W-04N02		1	48	60
10N/34W-04P01		10N/34W-04P01		1	49	63
10N/34W-04R01		10N/34W-04R01		2	48	66
10N/34W-05E01		10N/34W-05E01		1	45	55
10N/34W-05M01		10N/34W-05M0		1	47	55
10N/34W-05P02		10N/34W-05P02		1	48	56
10N/34W-05P03		10N/34W-05P03		1	48	57
10N/34W-05Q01		10N/34W-05Q01		1	48	59
10N/34W-05R01		10N/34W-05R01		1	48	59
10N/34W-06H01		10N/34W-06H01		1	45	54
10N/34W-06J01		10N/34W-06J01		1	47	54
10N/34W-06K01		10N/34W-06K01		1	47	53
10N/34W-06K02		10N/34W-06K02		1	47	53
10N/34W-06K03		10N/34W-06K03		1	46	53
10N/34W-06M01		10N/34W-06M0		1	46	51
10N/34W-06N01		10N/34W-06N01		2	47	51
10N/34W-06N02		10N/34W-06N02		1	47	51
10N/34W-07B01		10N/34W-07B01		1	50	53
10N/34W-07E03		10N/34W-07E03		1	50	50
10N/34W-07E04		10N/34W-07E04		1	50	50
10N/34W-07F01		10N/34W-07F01		1	50	52
10N/34W-07H01		10N/34W-07H01		1	50	54
10N/34W-08E02		10N/34W-08E02		1	50	55
10N/34W-08E03		10N/34W-08E03		1	50	55
10N/34W-08E04		10N/34W-08E04		1	50	55
10N/34W-09A01		10N/34W-09A01		1	49	65
10N/34W-09D01		10N/34W-09D01		1	49	61
10N/34W-10A01		10N/34W-10A01		1	50	70
10N/34W-10A02		10N/34W-10A02		1	49	70
10N/34W-10A03		10N/34W-10A03		1	50	70
10N/34W-10B01		10N/34W-10B01		1	49	69
10N/35W-01G01		10N/35W-01G01		1	46	48
10N/35W-01J01		10N/35W-01J01		1	47	48
10N/35W-01K01		10N/35W-01K01		1	46	48
10N/35W-01N01		10N/35W-01N01		1	47	45
10N/35W-01N02		10N/35W-01N02		1	47	45
10N/35W-02L01		10N/35W-02L01		1	47	41
10N/35W-02N02		10N/35W-02N02		1	48	40
10N/35W-03D01		10N/35W-03D01		1	44	34

WELL NUMBER	WELL NAME	TRS	TYPE	LAYER	COL	ROW
10N/35W-03D02		10N/35W-03D0		1	44	34
10N/35W-03N01		10N/35W-03N0		1	48	34
10N/35W-03N02		10N/35W-03N0		1	48	34
10N/35W-04C01		10N/35W-04C0		1	44	30
10N/35W-04P01		10N/35W-04P01		1	48	31
10N/35W-04P02		10N/35W-04P02		1	47	31
10N/35W-04P03		10N/35W-04P03		1	48	30
10N/35W-04Q01		10N/35W-04Q0		1	47	31
10N/35W-05B01		10N/35W-05B01		1	44	27
10N/35W-05J01		10N/35W-05J01		1	46	28
10N/35W-05La				1	47	26
10N/35W-05M01		10N/35W-05M0		1	46	24
10N/35W-05P01		10N/35W-05P01		1	47	26
10N/35W-06A01	Union Oil #1	10N/35W-06A01	Dom?	2	45	23
10N/35W-06A02	Union Oil #2	10N/35W-06A02	Dom?	2	45	23
10N/35W-06A03	Union Oil #3	10N/35W-06A03	Dom?	2	45	23
10N/35W-06P01		10N/35W-06P01		1	48	20
10N/35W-07D01		10N/35W-07D0		1	49	18
10N/35W-07E03		10N/35W-07E03		1	50	18
10N/35W-07G01		10N/35W-07G0		1	50	21
10N/35W-07G03		10N/35W-07G0		1	50	21
10N/35W-07G04		10N/35W-07G0		1	50	21
10N/35W-09A01		10N/35W-09A01		1	49	33
10N/35W-09A02		10N/35W-09A02		1	49	33
10N/35W-09C01		10N/35W-09C0		1	49	30
10N/35W-09E02		10N/35W-09E02		1	50	29
10N/35W-09E03		10N/35W-09E03		1	50	29
10N/35W-09E04		10N/35W-09E04		1	50	29
10N/35W-09F01		10N/35W-09F01		2	50	31
10N/35W-10D01		10N/35W-10D0		1	49	34
10N/35W-10D02		10N/35W-10D0		1	49	34
10N/35W-10E01		10N/35W-10E01		1	50	34
10N/35W-10F01		10N/35W-10F01		1	50	36
10N/35W-10H01		10N/35W-10H0		1	50	38
10N/35W-11B01		10N/35W-11B01		1	49	43
10N/35W-11B02		10N/35W-11B02		1	49	43
10N/35W-11C01		10N/35W-11C0		1	49	41
10N/35W-11C02		10N/35W-11C0		1	49	41
10N/35W-11E02		10N/35W-11E02		1	50	40
10N/35W-11E04		10N/35W-11E04		2	50	40
10N/35W-11Ea		10N/35W-11Ea		1	50	40
10N/35W-11F01		10N/35W-11F01		1	50	41
10N/36W-01A.a	10N/36W-01A.a	10N/36W-01A.a	Oil	2	44	15
10N/36W-01A.b	10N/36W-01A.b	10N/36W-01A.b	Oil	2	44	15
10N/36W-01A.c	10N/36W-01A.c	10N/36W-01A.c	Oil	2	44	16
10N/36W-01B.a	10N/36W-01B.a	10N/36W-01B.a	Oil	2	44	14
10N/36W-01G.a	10N/36W-01G.a	10N/36W-01G.a	Oil	2	47	14
10N/36W-01G.b	10N/36W-01G.b	10N/36W-01G.b	Oil	2	47	14
10N/36W-01G.c	10N/36W-01G.c	10N/36W-01G.c	Oil	2	46	14
10N/36W-01H.a	10N/36W-01H.a	10N/36W-01H.a	Oil	2	45	15
10N/36W-01H01	Union Oil Old	10N/36W-01H0	Dom?	2	45	15
10N/36W-02A.a	10N/36W-02A.a	10N/36W-02A.a	Oil	2	43	10
10N/36W-02A.b	10N/36W-02A.b	10N/36W-02A.b	Oil	2	44	9
10N/36W-02G01		10N/36W-02G0	Dom?	2	46	9
10N/36W-02G02		10N/36W-02G0	Dom?	2	46	9
10N/36W-02H.a	10N/36W-02H.a	10N/36W-02H.a	Oil	2	45	9
10N/36W-02H.b	10N/36W-02H.b	10N/36W-02H.b	Oil	2	45	9
10N/36W-02K.a	10N/36W-02K.a	10N/36W-02K.a	Oil	2	46	9
10N/36W-02K.c	10N/36W-02K.c	10N/36W-02K.c	Oil	2	47	9
10N/36W-02K01		10N/36W-02K01	Dom?	2	47	8

WELL NUMBER	WELL NAME	TRS	TYPE	LAYER	COLUM	ROW
10N/36W-02K02		10N/36W-02K02	Dom?	2	47	8
10N/36W-02K03		10N/36W-02K03	Dom?	2	47	8
10N/36W-02K04		10N/36W-02K04	Dom?	2	47	8
10N/36W-02Q.a	10N/36W-02Q.a	10N/36W-02Q.a		1	48	8
10N/36W-02Q01	GO-1.1	10N/36W-02Q1-	Obs	2	47	8
10N/36W-02Q02	GO-1.2	10N/36W-02Q1-	Obs	2	47	8
10N/36W-02Q03	GO-1.3	10N/36W-02Q1-	Obs	2	47	8
10N/36W-02Q04	GO-1.4	10N/36W-02Q1-	Obs	2	47	8
10N/36W-02Q05	GO-1.5	10N/36W-02Q1-	Obs	2	47	8
10N/36W-02Q06	GO-1.6	10N/36W-02Q1-	Obs	2	47	8
10N/36W-02Q07	GO-1.7	10N/36W-02Q1-	Obs	2	47	8
10N/36W-02Q1-7	GO-1	10N/36W-02Q1-	Obs	2	47	8
10N/36W-11F.a	10N/36W-11F.a	10N/36W-11F.a		1	49	8
11N/34W-04J01		11N/34W-04J01		1	15	65
11N/34W-04K01		11N/34W-04K01		1	15	63
11N/34W-04Q01		11N/34W-04Q0		1	16	64
11N/34W-05G01		11N/34W-05G0		1	14	59
11N/34W-05J01		11N/34W-05J01		1	15	59
11N/34W-05K01		11N/34W-05K01		1	16	58
11N/34W-05K02		11N/34W-05K02		1	15	58
11N/34W-05Q01		11N/34W-05Q0		1	17	59
11N/34W-05Q02		11N/34W-05Q0		1	16	58
11N/34W-05Qa		11N/34W-05Qa		1	17	59
11N/34W-06G01		11N/34W-06G0		1	14	53
11N/34W-06J01		11N/34W-06J01		1	15	55
11N/34W-08H01		11N/34W-08H0		1	20	60
11N/34W-08H02		11N/34W-08H0		1	21	60
11N/34W-08J01		11N/34W-08J01		1	21	60
11N/34W-08Q01		11N/34W-08Q0		1	22	58
11N/34W-08Q02		11N/34W-08Q0		1	22	58
11N/34W-08Q03		11N/34W-08Q0		1	22	58
11N/34W-08Q04		11N/34W-08Q0		1	22	58
11N/34W-08R01		11N/34W-08R01		1	22	59
11N/34W-08R02		11N/34W-08R02		1	22	59
11N/34W-09N01		11N/34W-09N0		1	22	60
11N/34W-09N02		11N/34W-09N0		1	22	60
11N/34W-09P01		11N/34W-09P01		1	22	62
11N/34W-16F01		11N/34W-16F01		1	24	62
11N/34W-16M01		11N/34W-16M0		1	25	60
11N/34W-17A01		11N/34W-17A01		1	23	59
11N/34W-17B01		11N/34W-17B01		1	23	57
11N/34W-17B02		11N/34W-17B02		1	23	58
11N/34W-17B03		11N/34W-17B03		1	23	58
11N/34W-17B04		11N/34W-17B04		1	23	58
11N/34W-17K01		11N/34W-17K01		1	25	58
11N/34W-17K02		11N/34W-17K02		1	25	58
11N/34W-17N03		11N/34W-17N0	Dom?	2	27	55
11N/34W-17P01		11N/34W-17P01	Dom?	2	27	57
11N/34W-17P02		11N/34W-17P02	Dom?	2	27	57
11N/34W-17P03		11N/34W-17P03	Dom?	2	27	57
11N/34W-18H02		11N/34W-18H0	Dom?	2	25	53
11N/34W-18P01	SLO County	11N/34W-18P01	Dom?	2	26	52
11N/34W-19Aa	Cal City Apricot	11N/35W-19Aa	Mun	2	28	54
11N/34W-19E01	Cal City Eucalyptus 1	11N/34W-19E01	Mun	2	29	50
11N/34W-19F01	Walter Grigsby	11N/34W-19F01	Dom?	2	30	51
11N/34W-19K01		11N/34W-19K01	Dom?	2	32	54
11N/34W-19L02		11N/34W-19L02	Dom?	2	32	52
11N/34W-19L03	Cal City Vista 3	11N/35W-19L03	Mun	2	32	52
11N/34W-19L04	Cal City Vista 5	11N/35W-19L04	Mun	2	32	52
11N/34W-19Q01	Benny Division	11N/34W-19Q0	Dom?	2	32	54

WELL NUMBER	WELL NAME	TRS	TYPE	LAYER	COLUM	ROW
11N/34W-20C01		11N/34W-20C0	Dom?	2	29	57
11N/34W-21D01		11N/34W-21D0		1	28	61
11N/34W-21R01		11N/34W-21R01		1	32	64
11N/34W-27D01	PG&E	11N/34W-27D0		2	34	66
11N/34W-27E01	Lamphier-Mesa	11N/34W-27E01	Dom?	2	36	66
11N/34W-27E02		11N/34W-27E02		1	35	66
11N/34W-27G02		11N/34W-27G0		1	35	69
11N/34W-27P01	Cavavas H2O Assoc.	11N/34W-27P01		2	36	68
11N/34W-27P02		11N/34W-27P02		1	38	68
11N/34W-27R01		11N/34W-27R01		1	37	70
11N/34W-28F01		11N/34W-28F01	Dom?	2	35	61
11N/34W-28J01		11N/34W-28J01	Dom?	2	36	66
11N/34W-28P01		11N/34W-28P01		1	37	62
11N/34W-29N01		11N/34W-29N0	Irr	2	37	55
11N/34W-29P01		11N/34W-29P01	Irr	2	37	57
11N/34W-29P02		11N/34W-29P02	Irr	2	37	57
11N/34W-29P03		11N/34W-29P03	Irr	2	38	57
11N/34W-29Q01		11N/34W-29Q0	Irr	2	37	58
11N/34W-29Qa			Irr	2	38	57
11N/34W-29R01	Muir Riverside	11N/34W-29R01	Irr	2	37	59
11N/34W-29R01x	Muir Riverside	11N/34W-29R01	Dom	2	36	60
11N/34W-29R02		11N/34W-29R02	Irr	2	37	60
11N/34W-30D02		11N/34W-30D0	Dom	2	34	51
11N/34W-30La		11N/34W-30D0	Irr	2	36	52
11N/34W-30N01		11N/34W-30N0	Irr	2	38	50
11N/34W-30N02		11N/34W-30N0	Irr	2	38	50
11N/34W-30Q01		11N/34W-30Q0	Irr	2	38	53
11N/34W-30R01		11N/34W-30R01	Irr	2	37	54
11N/34W-30R02		11N/34W-30R02	Irr	2	38	55
11N/34W-31B01		11N/34W-31B01	Irr	2	39	53
11N/34W-31C01		11N/34W-31C0	Irr	2	39	51
11N/34W-31D01		11N/34W-31D0	Irr	2	38	50
11N/34W-31Fa			Irr	2	40	51
11N/34W-31H01		11N/34W-31H0		1	40	54
11N/34W-32C01		11N/34W-32C0		1	39	56
11N/34W-32Q01		11N/34W-32Q0		1	43	57
11N/34W-33J01		11N/34W-33J01		1	42	66
11N/34W-34A01		11N/34W-34A01		1	39	70
11N/34W-34A02		11N/34W-34A02		1	39	70
11N/34W-34A03		11N/34W-34A03		1	39	70
11N/34W-34A04		11N/34W-34A04		1	39	70
11N/34W-34F01		11N/34W-34F01		1	41	68
11N/34W-34K01		11N/34W-34K01		1	41	69
11N/34W-34L01		11N/34W-34L01		1	42	68
11N/34W-34Q01		11N/34W-34Q0		1	42	68
11N/35W-02D_a				1	12	40
11N/35W-02Da	Blackmer	11N/35W-02Da	Irr	2	12	40
11N/35W-02E_a				1	14	40
11N/35W-02E_b				1	14	39
11N/35W-02Ea	Chapman	11N/35W-02Ea	Dom	2	13	40
11N/35W-02F01	Mat (Williams - Pomeroy)	11N/35W-02F01	Dom	2	13	40
11N/35W-02F02	Olney	11N/35W-02F02	Dom	2	14	41
11N/35W-02F_a				1	14	42
11N/35W-02G01	Smith Observation	11N/35W-02G0	Obs	2	14	43
11N/35W-02G02	Smith Domestic	11N/35W-02G0	Dom	2	14	43
11N/35W-02H01		11N/35W-02H0	Dom	2	14	43
11N/35W-02H02		11N/35W-02H0	Dom	2	14	43
11N/35W-02Ha	Haywath (?)	11N/35W-02Ha	Dom	2	14	44
11N/35W-02N01	NCSD Black Lake Canyon	11N/35W-02N0	Mun	2	17	40
11N/35W-02Pa	Fratello	11N/35W-02Pa	Dom	2	17	42

WELL NUMBER	WELL NAME	TRS	TYPE	LAYER	COLUM	ROW
11N/35W-02Pb	Erwin Farms	11N/35W-02Pb	Mun	2	17	41
11N/35W-02Q_a				1	16	43
11N/35W-03Aa	Bargfrede	11N/35W-03Aa	Dom	2	13	39
11N/35W-03B01	Fitzpatrick - Frankie	11N/35W-03B01	Dom	2	12	38
11N/35W-03C01		11N/35W-03C0	Dom	2	13	36
11N/35W-03Ea	Ball	11N/35W-03Ea	Dom	2	13	36
11N/35W-03M	Meier	11N/35W-03M	Test	2	14	35
11N/35W-03M01	BALL FLORAL NURSERY	11N/35W-03M0	Irr	2	14	34
11N/35W-03Na	Cameron	11N/35W-03Na	Dom	2	16	35
11N/35W-03P	Meier	11N/35W-03P	Test	2	15	36
11N/35W-03Ra	Felipe	11N/35W-03Ra	Irr	2	16	39
11N/35W-04Aa	Avo Mesa Assoc	11N/35W-04Aa	Irr	2	13	33
11N/35W-04B_a				1	12	31
11N/35W-04Da	Bjerre Dom	11N/35W-04Da	Dom	2	13	29
11N/35W-04Db	Bjerre	11N/35W-04Db	Irr	2	12	30
11N/35W-04Ha		11N/35W-04Ha	Irr	2	13	33
11N/35W-04J_a	BALL TAGAWA GROWERS	11N/35W-04J_a	Irr	2	15	33
11N/35W-04La	Greenhart Farms 2	11N/35W-04La	Irr	2	15	31
11N/35W-04Lb	Greenhart Farms 3	11N/35W-04Lb	Irr	2	15	31
11N/35W-04Ma	Bjerre 3	11N/35W-04Ma	IrrX	2	14	29
11N/35W-04Na	Bjerre 1	11N/35W-04Na	IrrX	2	16	29
11N/35W-04Nb	Bjerre Old Canyon well	11N/35W-04Nb	NA	2	16	30
11N/35W-04Nc	Cypress Ridge F&T 3	11N/35W-04Nc	Mun	2	16	29
11N/35W-05B01	Rural 5	11N/35W-05B01	Mun	2	12	27
11N/35W-05C_a	MATSUMOTO,R	11N/35W-05C_	Irr	2	13	25
11N/35W-05D_a				1	13	24
11N/35W-05F01	Rural 3	11N/35W-05F01	Mun	2	14	26
11N/35W-05Fa	Cypress Ridge F&T 1	11N/35W-05Fa	Irr	2	13	27
11N/35W-05G01	Andrews - Fowler Lane	11N/35W-05G0	Dom	2	14	27
11N/35W-05G02	White - Fowler Lane	11N/35W-05G0	Dom	2	15	27
11N/35W-05Ga	Bjerre 2	11N/35W-05Ga	Irr	2	15	28
11N/35W-05Gb	Cypress Ridge F&T 2	11N/35W-05Gb	Irr	2	14	28
11N/35W-05L01	Sackman - Hwy #1	11N/35W-05L01	Irr	2	15	26
11N/35W-05L02	Sackman	11N/35W-05L02	Irr	2	14	26
11N/35W-05N01	Woodward	11N/35W-05N0	Dom	2	17	24
11N/35W-05N02	Alves - Callender	11N/35W-05N0	Mun	2	17	24
11N/35W-05N03		11N/35W-05N0	Dom	2	16	24
11N/35W-05Q_a	MESA MAGIC NURSERY	11N/35W-05Q_	Irr	2	17	25
11N/35W-05R01	Gates - Callender	11N/35W-05R01	Dom	2	17	28
11N/35W-06A_a	YOUNG,WILLIAM	11N/35W-06A_a	Irr	2	12	24
11N/35W-06C01		11N/35W-06C0	Irr	2	12	21
11N/35W-06H01		11N/35W-06H0	Irr	2	14	23
11N/35W-06J01	Bogue (Rudd - Hwy #1)	11N/35W-06J01	Irr	2	15	23
11N/35W-07A01	Stauffer	11N/35W-07A01	Ind	2	18	23
11N/35W-07R01	Unocal	11N/35W-07R01	Ind	2	21	24
11N/35W-08C01		11N/35W-08C0	Dom	2	17	25
11N/35W-08J01	Woodland Pk - Foster	11N/35W-08J01	Mun	2	20	28
11N/35W-08K01	Woodland Pk	11N/35W-08K01	Mun	2	20	27
11N/35W-08M01		11N/35W-08M0	Dom	2	21	24
11N/35W-08R02	Loro - Mutual WA	11N/35W-08R02	Mun	2	22	28
11N/35W-09C01	Laguna Negra - Yokoyama N	11N/35W-09C0	Irr	2	18	31
11N/35W-09G01	Plegel (Taylor Farms)	11N/35W-09G0	Irr	2	19	32
11N/35W-09G02	Plegel (Taylor Farms)	11N/35W-09G0	Irr	2	19	32
11N/35W-09J01		11N/35W-09J01	Irr	2	20	33
11N/35W-09J_a				1	20	36
11N/35W-09Ja	CENTRAL COAST GREENHO	11N/35W-09Ja	Irr	2	20	34
11N/35W-09K02	Shaefer Hwy #1/Willow	11N/35W-09K02	Dom	2	20	32
11N/35W-09K04	Casano - Hwy #1/Willow	11N/35W-09K04	Irr	2	21	32
11N/35W-09K05	NCSD Eureka	11N/35W-09K05	Mun	2	20	32
11N/35W-09L_a				1	21	31

WELL NUMBER	WELL NAME	TRS	TYPE	LAYER	COLUM	ROW
11N/35W-09P01	Woodland Pk	11N/35W-09P01	Mun	2	22	30
11N/35W-09Q01	Yokoyama	11N/35W-09Q0	Irr	2	21	32
11N/35W-10Ba	Emerald Bay Mon	11N/35W-10Ba	Obs	2	18	38
11N/35W-10E_a				1	19	35
11N/35W-10G01	BLGC - East	11N/35W-10G0	Mun	2	19	38
11N/35W-10G02	BLGC - West (Nowak)	11N/35W-10G0	NA	2	19	37
11N/35W-10G03	BLGC BL #2 - via Concha	11N/35W-10G0	Mun	2	19	37
11N/35W-10G04	NCSD BL #3	11N/35W-10G0	Mun	2	20	37
11N/35W-10G05	NCSD BL #4	11N/35W-10G0	Mun	2	20	37
11N/35W-10J01	NCSD Bevington	11N/35W-10J01	Mun	2	20	38
11N/35W-10J02	NCSD Bevington #2	11N/35W-10J02	Mun	2	20	38
11N/35W-10L01		11N/35W-10L01	Dom	2	21	36
11N/35W-10La	NCSD via Concha	11N/35W-10La	Mun	2	21	36
11N/35W-10M01	Resnick	11N/35W-10M0	Dom	2	20	34
11N/35W-10M02	Brown	11N/35W-10M0	Dom	2	20	34
11N/35W-10R01	Andrews Trky Fm (Pudwell)	11N/35W-10R01	Irr	2	22	39
11N/35W-10R02	Andrews Turkey Farm	11N/35W-10R02	Irr	2	22	39
11N/35W-11B01	Nasholm - Mesa	11N/35W-11B01	Dom	2	17	43
11N/35W-11C01	Nasholm - Mesa	11N/35W-11C0	Dom	2	17	42
11N/35W-11C02	Struble - Mesa	11N/35W-11C0	Dom	2	17	42
11N/35W-11J01	Camacho - Mesa	11N/35W-11J01	Dom	2	20	44
11N/35W-11J02	NCSD Omiya Old	11N/35W-11J02	Mun	2	20	43
11N/35W-11J03	NCSD Omiya New	11N/35W-11J03	Mun	2	20	43
11N/35W-11Ja		11N/35W-11Ja	Dom	2	20	43
11N/35W-11R01	Andres	11N/35W-11R01	Dom	2	21	44
11N/35W-12E01		11N/35W-12E01	Dom	2	19	45
11N/35W-12E02	Noller - Garden	11N/35W-12E02	Dom	2	19	45
11N/35W-12K_a	BRAND FLOWERS	12N/35W-12K_a	Irr	2	20	47
11N/35W-13B		11N/35W-13B	Dom	2	22	46
11N/35W-13C01	ARLT - Pomeroy	11N/35W-13C0	Dom	2	22	47
11N/35W-13D01	Kaminaka Farms	11N/35W-13D0	Irr	2	23	45
11N/35W-13E01		11N/35W-13E01	Dom	2	24	45
11N/35W-13E02	Kaminaka - South	11N/35W-13E02	Irr	2	23	45
11N/35W-13E03	Kaminaka - North	11N/35W-13E03	Irr	2	23	45
11N/35W-13F01	NCSD Fowler A1	11N/35W-13F01	Mun	2	24	47
11N/35W-13G01	NCSD Olympic (Fowler B1)	11N/35W-13G0	Mun	2	24	48
11N/35W-13K01	H.W. Chandler	11N/35W-13K01	Dom?	2	24	47
11N/35W-13M01		11N/35W-13M0	Dom	2	24	45
11N/35W-13M01		11N/35W-13M0	Dom	2	24	46
11N/35W-13M02	NCSD Dana #1	11N/35W-13M0	Mun	2	25	45
11N/35W-14Ba	SUNSHINE FLOWERS	11N/35W-14Ba	Irr	2	23	43
11N/35W-14J01	NCSD Dana #2	11N/35W-14J01	Mun	2	25	44
11N/35W-14Ja		11N/35W-14Ja	Irr	2	24	44
11N/35W-14Jb		11N/35W-14Jb	Dom	2	24	43
11N/35W-14K01	Roam (?)	11N/35W-14K01	Dom	2	25	43
11N/35W-14K02	Woodward	11N/35W-14K02	Dom	2	24	42
11N/35W-14K03	Blom	11N/35W-14K03	Irr	2	25	42
11N/35W-14Ka		11N/35W-14Ka	Dom	2	24	43
11N/35W-14L01	True Water Co	11N/35W-14L01	Mun	2	25	41
11N/35W-14Ma		11N/35W-14Ma	Dom	2	26	40
11N/35W-14Mb		11N/35W-14Mb	Dom	2	26	40
11N/35W-14Na		11N/35W-14Na	Irr	2	26	40
11N/35W-14Nb		11N/35W-14Na	Irr	2	27	40
11N/35W-14Ra		11N/35W-14Ra	Irr	2	27	44
11N/35W-15Aa	OVERLEY GROWERS	11N/35W-15Aa	Irr	2	23	39
11N/35W-15Ba	NIPOMO NURSERY	11N/35W-15Ba	Irr	2	23	38
11N/35W-15Da	Woodlands Dawn Road	11N/35W-15Da	Irr	2	22	36
11N/35W-15G	Ruiz	11N/35W-15Ga	Dom	2	24	37
11N/35W-15Gb		11N/35W-15Gb	Irr	2	24	37
11N/35W-15Gc		11N/35W-15Gc	Irr	2	24	37

WELL NUMBER	WELL NAME	TRS	TYPE	LAYER	COLUM	ROW
11N/35W-15H01		11N/35W-15H0	Dom	2	24	39
11N/35W-15Ra	Woodlands Mesa Road	11N/35W-15Ra	Irr	2	27	39
11N/35W-16B01	Withrow - Hwy #1	11N/35W-16B01	Irr	2	24	32
11N/35W-16Ba		11N/35W-16Ba	Dom	2	23	32
11N/35W-16Bb		11N/35W-16Bb	Dom	2	22	32
11N/35W-16Bc		11N/35W-16Bc	Irr	2	22	32
11N/35W-16Ja	Woodlands Hwy 1 Mon	11N/35W-16Ja	Obs	2	26	34
11N/35W-16Jb	Woodlands Hwy 1 Prod	11N/35W-16Jb	Irr	2	26	34
11N/35W-16Kx		11N/35W-16Kx	Irr	2	25	32
11N/35W-17D01	Unocal	11N/35W-17D0	Ind	2	23	24
11N/35W-17E01	Union Chemical Division	11N/35W-17E01	Ind	2	25	24
11N/35W-18M01		11N/35W-18M0	Irr	2	25	18
11N/35W-18Ra			Irr	2	31	27
11N/35W-19C01		11N/35W-19C0	Irr	2	29	20
11N/35W-19C02	USGS Obs	11N/35W-19C0	Irr	2	29	20
11N/35W-19E		11N/35W-19E	Irr	2	29	19
11N/35W-19E01	Enos #1(?)	11N/35W-19E01	Irr	2	30	19
11N/35W-19E02	Enos #2	11N/35W-19E02	Irr	2	29	19
11N/35W-19Ha	Teixera F	11N/35W-19Ha	Irr	2	29	22
11N/35W-19Jb		11N/35W-19Jb	Irr	2	31	22
11N/35W-19Jc		11N/35W-19J	Irr	2	32	22
11N/35W-19Ka		11N/35W-19K	Irr	2	31	22
11N/35W-19Kb		11N/35W-19K	Irr	2	32	21
11N/35W-20E01			Irr	2	30	24
11N/35W-20Ea		11N/35W-20E	Irr	2	30	24
11N/35W-20Eb	Teixera E	11N/35W-20Eb	Irr	2	30	24
11N/35W-20Ha	Teixera A	11N/35W-20Ha	Irr	2	30	28
11N/35W-20Ka		11N/35W-20Ka	Irr	2	31	26
11N/35W-20Kb			Irr	2	28	23
11N/35W-21Ea		11N/35W-21Ea	Irr	2	30	30
11N/35W-21Eb			Irr	2	30	29
11N/35W-21Fa	Teixera #2	11N/35W-21Fa	Irr	2	30	31
11N/35W-21Ja		11N/35W-21Ja	Irr	2	31	34
11N/35W-21K01	Biaggini-Hwy#1/Oso Flaco	11N/35W-21K01	Irr	2	31	32
11N/35W-21La	Teixera C	11N/35W-21La	Irr	2	32	31
11N/35W-21Na	Teixera B	11N/35W-21Na	Irr	2	32	29
11N/35W-21Qa		11N/35W-21Q	Irr	2	33	31
11N/35W-21Qb	Teixera D	11N/35W-21Qb	Irr	2	32	31
11N/35W-21Ra		11N/35W-21Ra	Dom	2	32	34
11N/35W-21Rb		11N/35W-21Rb	Irr	2	33	33
11N/35W-22C01		11N/35W-22C0	Dom	2	28	35
11N/35W-22C02		11N/35W-22C0	Dom	2	28	35
11N/35W-22Ea		11N/35W-22Ea	Irr	2	28	40
11N/35W-22Eb		11N/35W-22Eb	Dom	2	29	40
11N/35W-22Ga		11N/35W-22Ga	Dom	2	29	38
11N/35W-22Ka		11N/35W-22Ka	Dom	2	30	38
11N/35W-22Kb		11N/35W-22Kb	Dom	2	29	38
11N/35W-22Kc		11N/35W-22Kc	Dom	2	29	38
11N/35W-22Kd		11N/35W-22Kd	Dom	2	29	39
11N/35W-22Ma	Woodlands Homestead	11N/35W-22Ma	Irr	2	30	35
11N/35W-22Mb		11N/35W-22Mb	Irr	2	31	34
11N/35W-22Pa	Buena Vista Mines	11N/35W-22Pa	Irr	2	33	35
11N/35W-22Pc		11N/35W-22Pc	Irr	2	33	35
11N/35W-22R01		11N/35W-22R01	Irr	2	33	39
11N/35W-23Aa		11N/35W-23Aa	Irr	2	30	44
11N/35W-23B01	Thole - Mesa	11N/35W-23B01	Irr	2	27	43
11N/35W-23Ca		11N/35W-23Ca	Dom	2	27	42
11N/35W-23Cb		11N/35W-23Cb	Irr	2	28	41
11N/35W-23Ea		11N/35W-23Ea	Dom	2	29	40
11N/35W-23Eb		11N/35W-23Eb	Dom	2	28	40

WELL NUMBER	WELL NAME	TRS	TYPE	LAYER	COLUM	ROW
11N/35W-23L01	Bailey	11N/35W-23L01	Dom?	2	31	41
11N/35W-24A01	Cal City Osage 1	11N/35W-24A01	Mun	2	28	49
11N/35W-24B01		11N/35W-24B01	Dom?	2	30	49
11N/35W-24C_a				1	28	47
11N/35W-24D01	Truegas - Mesa	11N/35W-24D0	Mun	2	27	46
11N/35W-24D_a				1	28	46
11N/35W-24G01		11N/35W-24G0	Irr	2	29	47
11N/35W-24J01	Cal City La Serena	11N/35W-24J01	Mun	2	30	49
11N/35W-24L		11N/35W-24La	Dom?	2	32	47
11N/35W-24L01	Cal City Vista 4	11N/34W-24L01	Mun	2	31	47
11N/35W-24L02	Cal City AltaMesa 2	11N/35W-24L02	Mun	2	31	46
11N/35W-24L03	Cal City Casa Real	11N/35W-24L03	Mun	2	32	47
11N/35W-24Ma		11N/35W-24Ma	Dom	2	30	45
11N/35W-25F01		11N/35W-25F01	Irr	2	36	45
11N/35W-25Ga		11N/35W-25Ga	Irr	2	36	47
11N/35W-25Gb		11N/35W-25Gb	Irr	2	36	46
11N/35W-25Gc			Irr	2	36	46
11N/35W-25L~a	A07	11N/35W-25L~	Test	2	36	46
11N/35W-25L~b	A08	11N/35W-25L~	Test	2	36	47
11N/35W-25L~c	A09	11N/35W-25L~	Test	2	36	47
11N/35W-25P01		11N/35W-25P01	Irr	2	38	47
11N/35W-25Q01		11N/35W-25Q0	Irr	2	38	48
11N/35W-25R01		11N/35W-25R01	Irr	2	38	49
11N/35W-25R02		11N/35W-25R02	Irr	2	38	49
11N/35W-26Ja		11N/35W-26Ja	Irr	2	36	44
11N/35W-26Jb		11N/35W-26Jb	Irr	2	37	43
11N/35W-26Ka		11N/35W-26Ka	Irr	2	37	42
11N/35W-26La			Irr	2	36	41
11N/35W-26M02	Tognazzini - Oso Flaco	11N/35W-26M0	Irr	2	36	40
11N/35W-26M03	Runnels Oso Flaco Lake	11N/35W-26M0	Irr	2	36	40
11N/35W-26Ma		11N/35W-26Ma	Irr	2	36	41
11N/35W-26P01		11N/35W-26P01	Irr	2	38	41
11N/35W-27A01		11N/35W-27A01	Irr	2	34	38
11N/35W-27C01		11N/35W-27C0	Irr	2	34	36
11N/35W-27Da		11N/35W-27Da	Irr	2	34	34
11N/35W-27D~a	A03	11N/35W-27D~	Test	2	34	34
11N/35W-27G~a	A05	11N/35W-27G~	Test	2	34	37
11N/35W-27H01		11N/35W-27H0	Irr	2	35	38
11N/35W-27Ha		11N/35W-27Ha	Irr	2	35	39
11N/35W-27Hb		11N/35W-27Hb	Dom	2	28	39
11N/35W-27Ja		11N/35W-27Ja	Irr	2	37	38
11N/35W-27Jb		11N/35W-27Jb	Irr	2	35	38
11N/35W-27La		11N/35W-27La	Irr	2	37	41
11N/35W-27Mb		11N/35W-27Mb	Irr	2	37	34
11N/35W-27N01		11N/35W-27N0	Irr	2	38	34
11N/35W-27Na			Irr	2	38	34
11N/35W-27Pa			Irr	2	37	36
11N/35W-27Q01		11N/35W-27Q0	Irr	2	38	37
11N/35W-27Q02		11N/35W-27Q0	Irr	2	38	37
11N/35W-28Aa		11N/35W-28Aa	Irr	2	33	33
11N/35W-28Ba		11N/35W-28Ba	Dom	2	34	32
11N/35W-28Ca			Dom	2	34	31
11N/35W-28F02		11N/35W-28F02	Irr	2	36	31
11N/35W-28Fa			Irr	2	35	30
11N/35W-28Fb			Irr	2	35	30
11N/35W-28J02?		11N/35W-28J02	Irr	2	37	33
11N/35W-28Ja			Irr	2	36	33
11N/35W-28Ma		11N/35W-28Ma	Irr	2	36	29
11N/35W-28P01		11N/35W-28P01	Irr	2	38	30
11N/35W-28Q01		11N/35W-28Q0	Irr	2	38	32

WELL NUMBER	WELL NAME	TRS	TYPE	LAYER	COLUM	ROW
11N/35W-28Q02		11N/35W-28Q0	Irr	2	38	32
11N/35W-28Q03		11N/35W-28Q0	Irr	2	38	32
11N/35W-28Q04		11N/35W-28Q0	Irr	2	38	32
11N/35W-28R01		11N/35W-28R01	Irr	2	38	33
11N/35W-29Ba		11N/35W-29Ba	Irr	2	34	26
11N/35W-29D01		11N/35W-29D0	Irr	2	33	24
11N/35W-29E01		11N/35W-29D0	Irr	2	35	25
11N/35W-29E02	Pezzoni-Oso Flaco	11N/35W-29E02	Irr	2	35	25
11N/35W-29Fa		11N/35W-29Fa	Irr	2	36	26
11N/35W-29R01		11N/35W-29R01	Irr	2	38	28
11N/35W-29R02		11N/35W-29R02	Irr	2	38	28
11N/35W-30Aa		11N/35W-30Aa	Irr	2	33	22
11N/35W-32F01		11N/35W-32F01	Dom?	2	40	25
11N/35W-32H01		11N/35W-32H0	Irr	2	40	28
11N/35W-32J01		11N/35W-32J01	Irr	2	42	28
11N/35W-32R01		11N/35W-32R01	Irr	2	43	27
11N/35W-32R02		11N/35W-32R02	Irr	2	43	28
11N/35W-32R03		11N/35W-32R03	Irr	2	43	28
11N/35W-33C01		11N/35W-33C0	Irr	2	39	30
11N/35W-33C02		11N/35W-33C0	Irr	2	39	30
11N/35W-33C03		11N/35W-33C0	Irr	2	39	30
11N/35W-33C04		11N/35W-33C0	NA	2	38	30
11N/35W-33Da		11N/35W-33Da	Irr	2	38	29
11N/35W-33E01		11N/35W-33E01	Irr	2	40	29
11N/35W-33Ea		11N/35W-33Ea	Irr	2	40	29
11N/35W-33F01		11N/35W-33F01	Irr	2	40	30
11N/35W-33F02		11N/35W-33F02	Irr	2	40	30
11N/35W-33G01	Division/Railroad	11N/35W-33G0	Irr	2	40	31
11N/35W-33H01		11N/35W-33H0	Irr	2	40	32
11N/35W-33P01		11N/35W-33P01	Irr	2	42	30
11N/35W-34A01		11N/35W-34A01	Irr	2	38	39
11N/35W-34C01				1	5	37
11N/35W-34E01a		11N/35W-34E01	Irr	2	40	34
11N/35W-34E01b		11N/35W-34E01	Irr	2	40	35
11N/35W-34F01		11N/35W-34F01	Dom	2	41	36
11N/35W-34H01		11N/35W-34H0	Irr	2	40	39
11N/35W-34H02		11N/35W-34H0	Irr	2	40	39
11N/35W-34H03		11N/35W-34H0	Irr	2	40	39
11N/35W-34Ja			Irr	2	41	39
11N/35W-34K01				1	9	38
11N/35W-34L01		11N/35W-34L01	Irr	2	42	36
11N/35W-34N01		11N/35W-34N0	Irr	2	42	34
11N/35W-35A01		11N/35W-35A01	Irr	2	39	44
11N/35W-35A02		11N/35W-35A02	Irr	2	39	44
11N/35W-35Aa		11N/35W-35Aa	Irr	2	39	44
11N/35W-35D01		11N/35W-35D0	Irr	2	38	39
11N/35W-35D02		11N/35W-35D0	Dom	2	39	40
11N/35W-35D03		11N/35W-35D0	Irr	2	38	40
11N/35W-35D04		11N/35W-35D0	Irr	2	38	40
11N/35W-35E01		11N/35W-35E01	Irr	2	41	40
11N/35W-35E02		11N/35W-35E02	Irr	2	40	40
11N/35W-35Ea		11N/35W-35Ea	Irr	2	41	40
11N/35W-35F01		11N/35W-35F01	Irr	2	40	41
11N/35W-35G01		11N/35W-35G0	Irr	2	40	42
11N/35W-36C01		11N/35W-36C0	Irr	2	39	47
11N/35W-36D01		11N/35W-36D0	Irr	2	38	45
11N/35W-36Ha		11N/35W-36Ha	Irr	2	40	49
11N/35W-36Hb				1	41	49
11N/36W-12C01	PSBO-2.1	11N/36W-12C1-	Obs	2	18	14
11N/36W-12C02	PSBO-2.2	11N/36W-12C1-	Obs	2	18	14

WELL NUMBER	WELL NAME	TRS	TYPE	LAYER	COLUM	ROW
11N/36W-12C03	PSBO-2.3	11N/36W-12C1-	Obs	1	18	14
11N/36W-12C1-3	PSBO-2	11N/36W-12C1-	Obs	2	18	14
11N/36W-13K01	OFO-1.1	11N/36W-13K1-	Obs	1	25	15
11N/36W-13K02	OFO-1.2	11N/36W-13K1-	Obs	2	25	15
11N/36W-13K03	OFO-1.3	11N/36W-13K1-	Obs	2	25	15
11N/36W-13K04	OFO-1.4	11N/36W-13K1-	Obs	2	25	15
11N/36W-13K05	OFO-1.5	11N/36W-13K1-	Obs	2	25	15
11N/36W-13K06	OFO-1.6	11N/36W-13K1-	Obs	2	25	15
11N/36W-13K1-6	OFO-1	11N/36W-13K1-	Obs	2	25	15
11N/36W-35J.a	11N/36W-35J.a	11N/36W-35J.a	Oil	2	41	10
11N/36W-35J.b	11N/36W-35J.b	11N/36W-35J.b	Oil	2	41	10
11N/36W-35J02	GO-2.1	11N/36W-35J2-	Obs	2	41	10
11N/36W-35J03	GO-2.2	11N/36W-35J2-	Obs	2	41	10
11N/36W-35J04	GO-2.3	11N/36W-35J2-	Obs	2	41	10
11N/36W-35J05	GO-2.4	11N/36W-35J2-	Obs	2	41	10
11N/36W-35J06	GO-2.5	11N/36W-35J2-	Obs	1	41	10
11N/36W-35J2-6	GO-2	11N/36W-35J2-	Obs	2	41	10
11N/36W-35R.a	11N/36W-35R.a	11N/36W-35R.a	Oil	2	43	10
12N/34W-31F01		12N/34W-31F01		1	9	52
12N/34W-31G01		12N/34W-31G0		1	9	53
12N/34W-31G02		12N/34W-31G0		1	9	53
12N/35W-27N01		12N/35W-27N0	Irr	2	6	35
12N/35W-27N02		12N/35W-27N0	Irr	2	6	35
12N/35W-27N03	Phalen Cattle Company	12N/35W-27N0	Irr	2	6	35
12N/35W-27N04		12N/35W-27N0	Dom	2	6	35
12N/35W-27N05		12N/35W-27N0	Irr	2	6	35
12N/35W-27Na	Bartleson 7	12N/35W-27Na	Irr	2	6	35
12N/35W-28J01		12N/35W-28J01	Dom	2	5	33
12N/35W-28J02	Barnett - Halcyon	12N/35W-28J02	Dom	2	4	33
12N/35W-28J03		12N/35W-28J03	Dom	2	4	33
12N/35W-28J04		12N/35W-28J04	Dom	2	4	33
12N/35W-28J05		12N/35W-28J05	Dom	2	4	33
12N/35W-28J06		12N/35W-28J06	Dom	2	5	33
12N/35W-28J07		12N/35W-28J07	Dom	2	5	33
12N/35W-28K01		12N/35W-28K01	Dom	2	5	33
12N/35W-28K02		12N/35W-28K02	Dom	2	5	33
12N/35W-28K03		12N/35W-28K03	Dom	2	5	33
12N/35W-28K04		12N/35W-28K04	Dom	2	5	33
12N/35W-28L01		12N/35W-28L01	Dom	2	5	31
12N/35W-28Q01		12N/35W-28Q0	Irr	2	5	33
12N/35W-28Q02		12N/35W-28Q0	Dom	2	5	32
12N/35W-28Qa	Ingle	12N/35W-28Qa	Dom	2	6	32
12N/35W-28R01		12N/35W-28R01	Dom	2	5	33
12N/35W-29L01	Security Farms - Gracia	12N/35W-29L01	Irr	1	4	26
12N/35W-29L02	Security Farms	12N/35W-29L02	Irr	1	4	25
12N/35W-29M01	Security Farms	12N/35W-29M0	Irr	1	4	24
12N/35W-29N01	Silva - Halcyon	12N/35W-29N0	Irr	1	5	24
12N/35W-29N02		12N/35W-29N0	Irr	1	5	24
12N/35W-29N03	Security Farms	12N/35W-29N0	Irr	1	6	25
12N/35W-29P01	Security Farms	12N/35W-29P01	Irr	2	6	25
12N/35W-29P02	Security Farms	12N/35W-29P01	Irr	2	6	25
12N/35W-29R01		12N/35W-29R01	Irr	2	6	28
12N/35W-29R02		12N/35W-29R02	Dom	2	6	28
12N/35W-29R03	Currier - Old Spillman	12N/35W-29R03	Dom	2	5	28
12N/35W-29R04		12N/35W-29R04	Dom	2	5	28
12N/35W-30K01	Phelan Taylor	12N/35W-30K01	Irr	1	4	21
12N/35W-30K02	Reyes - Cienega Valley	12N/35W-30K02	Irr	1	4	22
12N/35W-30K03	Ikeda Bros. - Cienega Val	12N/35W-30K03	Irr	1	5	21
12N/35W-30L01	Phelan Taylor	12N/35W-30L01	Irr	1	5	20
12N/35W-30L02		12N/35W-30L02	Irr	1	4	20

WELL NUMBER	WELL NAME	TRS	TYPE	LAYER	COLUM	ROW
12N/35W-30M02	Phelan & Taylor	12N/35W-30M0	Irr	1	4	20
12N/35W-30M04	22St/Produce Place	12N/35W-30M0	Irr	1	4	20
12N/35W-30P01		12N/35W-30P01	Irr	1	6	23
12N/35W-30P02	Security Farms - Oceano	12N/35W-30P02	Irr	1	6	23
12N/35W-30P_a	TAYLOR FARMS	12N/35W-30P_a	Irr	1	6	20
12N/35W-31A01	Security Farms - Oceano	12N/35W-31A01	Irr	1	7	22
12N/35W-31A02	Kobara & Sons	12N/35W-31A02	Irr	1	7	24
12N/35W-31G01	Dune Marsh Farms	12N/35W-31G0	Irr	1	8	22
12N/35W-31H01	Dune Marsh Farms	12N/35W-31H0	Irr	2	8	22
12N/35W-31J01	Dune Marsh Farms	12N/35W-31J01	Irr	2	9	22
12N/35W-31R01		12N/35W-31R01	Dom	2	11	23
12N/35W-32B01		12N/35W-32B01	Dom	2	8	26
12N/35W-32B_a	HAMILTON NURSERY	12N/35W-32B_a	Irr	2	7	26
12N/35W-32C01		12N/35W-32C0	Irr	2	7	25
12N/35W-32C02		12N/35W-32C0	Dom	2	7	25
12N/35W-32Ca	Vista las Flores	12N/35W-32Ca	Mun	2	7	25
12N/35W-32Cb	Nunes MWC	12N/35W-32Cb	Mun	2	7	25
12N/35W-32D01	Dune Marsh Farms	12N/35W-32D0	Irr	2	8	24
12N/35W-32D03		12N/35W-32D0	Dom	2	8	24
12N/35W-32Da	La Mesa MWC	12N/35W-32Da	Mun	2	8	25
12N/35W-32F01	Jerrymore	12N/35W-32F01	Dom	2	9	26
12N/35W-32G01	Cole - Halcyon	12N/35W-32G0	Dom	2	8	27
12N/35W-32H01		12N/35W-32H0	Dom	2	9	28
12N/35W-32J01		12N/35W-32J01	Irr	2	9	28
12N/35W-32J02	McCreary - Halcyon	12N/35W-32J02	Dom	2	9	28
12N/35W-32L01	Security Farms - Oceano	12N/35W-32L01	Irr	2	9	25
12N/35W-32N01	Dudley	12N/35W-32N0	Irr	2	11	24
12N/35W-32Na	Bartholomew	12N/35W-32Na	Dom	2	11	25
12N/35W-32P01		12N/35W-32P01	Dom	2	11	25
12N/35W-32Q01	Mesa Dunes 1	12N/35W-32Q0	Mun	2	11	27
12N/35W-32Q02	Mesa Dunes Abandoned	12N/35W-32Q0	Mun	2	10	26
12N/35W-32Q03	Mesa Dunes 2	12N/35W-32Q0	Mun	2	10	26
12N/35W-32Q04	Mesa Dunes 3	12N/35W-32Q0	Mun	2	11	26
12N/35W-32Qa	Rural 7	12N/35W-32Qa	Mun	2	11	27
12N/35W-32R01	Rural 1	12N/35W-32R01	Mun	2	11	29
12N/35W-32R02	Rural 2	12N/35W-32R02	Mun	2	11	28
12N/35W-32R03	Rural 4	12N/35W-32R03	Mun	2	11	28
12N/35W-32R04	Rural 6	12N/35W-32R04	Mun	2	11	29
12N/35W-33B01		12N/35W-33B01	Dom	2	6	32
12N/35W-33B02	Brokow	12N/35W-33B02	Dom	2	7	31
12N/35W-33B03		12N/35W-33B03	Dom	2	7	31
12N/35W-33C01		12N/35W-33C0	Dom	2	6	32
12N/35W-33E01	Milar (Reno - Halcyon)	12N/35W-33E01	Irr	2	8	30
12N/35W-33F01		12N/35W-33F01	Irr	2	9	30
12N/35W-33G_a				1	9	32
12N/35W-33J01		12N/35W-33J01	Irr	2	10	33
12N/35W-33J02	Dick - Ferndale	12N/35W-33J02	Dom	2	10	34
12N/35W-33J03	Fagundes - Ferndale	12N/35W-33J03	Irr	2	10	33
12N/35W-33K01		12N/35W-33K01	Irr	2	10	33
12N/35W-33Ka	Fernald	12N/35W-33Ka	Dom	2	9	32
12N/35W-33L01	Johnson - Halcyon	12N/35W-33L01	Irr	2	10	30
12N/35W-33M01	Phillips - Halcyon	12N/35W-33M0	Dom	2	9	29
12N/35W-33M01		12N/35W-33M0	Dom	2	9	29
12N/35W-33P01		12N/35W-33P01	Dom	2	10	33
12N/35W-33Pa	Nydam	12N/35W-33Pa	Dom	2	10	31
12N/35W-33Q01		12N/35W-33Q0	Dom	2	11	33
12N/35W-33Q02	Layman - Halcyon Road	12N/35W-33Q0	Dom	2	11	33
12N/35W-33R01		12N/35W-33R01	Dom	2	11	34
12N/35W-33R02		12N/35W-33R02	Dom	2	11	33
12N/35W-34C01	Bartleson 1	12N/35W-34C0	Irr	2	7	36

WELL NUMBER	WELL NAME	TRS	TYPE	LAYER	COLUM	ROW
12N/35W-34C02		12N/35W-34C0	Dom	2	7	36
12N/35W-34C03	Bartleson 2	12N/35W-34C0	Irr	2	7	36
12N/35W-34D01		12N/35W-34D0	Irr	2	7	35
12N/35W-34F01		12N/35W-34F01	Dom	2	8	36
12N/35W-34G01		12N/35W-34G0	Irr	2	8	38
12N/35W-34G02		12N/35W-34G0	Dom	2	9	38
12N/35W-34G02		12N/35W-34G0	Irr	2	8	37
12N/35W-34G03		12N/35W-34G0	Irr	2	8	37
12N/35W-34G04		12N/35W-34G0	Irr	2	8	37
12N/35W-34G05		12N/35W-34G0	Irr	2	8	37
12N/35W-34G06	Obayashi-Los Berros	12N/35W-34G0	Irr	2	9	37
12N/35W-34G07		12N/35W-34G0	Irr	2	9	37
12N/35W-34H01		12N/35W-34H0	Irr	2	9	39
12N/35W-34J01	Hilliard	12N/35W-34J01	Irr	2	9	39
12N/35W-34J02	IBARRA,MARIA	12N/35W-34J02	Irr	2	3	34
12N/35W-34K01		12N/35W-34K01	Dom	2	9	38
12N/35W-34L01		12N/35W-34L01	Dom	2	10	36
12N/35W-34M01		12N/35W-34M0	Dom	2	10	35
12N/35W-34M02		12N/35W-34M0	Dom	2	10	35
12N/35W-34M03	Tierney	12N/35W-34M0	Dom	2	10	34
12N/35W-34M_a	KREJCI,RUDY	12N/35W-34M_	Irr	2	10	36
12N/35W-34Mb	Moreland	12N/35W-34Mb	Dom	2	9	35
12N/35W-34N01		12N/35W-34N0	Dom	2	11	35
12N/35W-34Na	Cole	12N/35W-34Na	Dom	2	12	34
12N/35W-34P01	Johnson - Applegate Ran	12N/35W-34P01	Dom	2	11	36
12N/35W-34Q_a	GOOD PLANTS NURSERY	12N/35W-34Q_	Irr	2	11	37
12N/35W-34Qa	Michael	12N/35W-34Qa	Dom	2	11	36
12N/35W-34R01		12N/35W-34R01	Irr	2	11	39
12N/35W-34Ra	Robertson	12N/35W-34Ra	Dom	2	11	38
12N/35W-35E01		12N/35W-35E01	Irr	2	9	40
12N/35W-35E02		12N/35W-35E02	Dom	2	9	40
12N/35W-35E03		12N/35W-35E03	Dom	2	9	40
12N/35W-35F01		12N/35W-35F02	Dom	2	9	41
12N/35W-35F02		12N/35W-35F02	Dom	2	9	42
12N/35W-35G01		12N/35W-35G0	Dom	2	9	42
12N/35W-35H01		12N/35W-35H0	Irr	2	9	44
12N/35W-35J01	County of SLO	12N/35W-35J01	Dom	2	9	44
12N/35W-35K01		12N/35W-35K01	Dom	2	9	43
12N/35W-35K02	Bello - Los Berros	12N/35W-35K02	Dom	2	9	43
12N/35W-35P01	Johnson - Applegate Ranch	12N/35W-35P01	Dom	2	11	41
12N/35W-35P02	Severance - Applegate	12N/35W-35P02	Dom	2	11	41
12N/35W-35P03	Severence - Domestic	12N/35W-35P03	Dom	2	11	41
12N/35W-36C01		12N/35W-36C0		2	7	47
12N/35W-36C02		12N/35W-36C0		2	7	47
12N/35W-36E_a	IBARRA,MARIA	12N/35W-36E_a	Irr	2	8	45
12N/35W-36H01		12N/35W-36H0		2	9	49
12N/35W-36K01		12N/35W-36K01		2	9	48
12N/35W-36R01		12N/35W-36R01		2	11	49
12N/36W-36L01	PSBO-1.1	12N/36W-36L1,	Obs	1	10	14
12N/36W-36L02	PSBO-1.2	12N/36W-36L1,	Obs	2	10	14
12N/36W-36L1,2	PSBO-1	12N/36W-36L1,	Obs	2	10	14
32-1286	Hutchinson #1	11N/35W-10P.a	Oil	2	21	37
32-1721	Beckett #1	11N/35W-16G.a	Oil	2	24	33
32-736	Callendar 36-1	11N/35W-10H.a	Oil	2	18	39
32S/13E-27Ka	BARTLESON RANCH	32S/13E-27Ka	Irr	2	6	39
32S/13E-27Na	BARTLESON RANCH	32S/13E-27Na	Irr	2	6	39
32S/13E-31Ea		32S/13E-31Ea	Irr	2	1	13
32S/13E-31F02	POO-5.1	32S/13E-31F2-4	Obs	1	1	13
32S/13E-31F03	POO-5.2	32S/13E-31F2-4	Obs	2	1	13
32S/13E-31F04	POO-5.3	32S/13E-31F2-4	Obs	2	1	13

WELL NUMBER	WELL NAME	TRS	TYPE	LAYER	COLUM	ROW
32S/13E-31F2-4	POO-5	32S/13E-31F2-4	Obs	2	1	13
32S/13E-31R01	Silver Spur	32S/13E-31R01	Dom	2	3	17
32S/13E-32E_a	GRELL,G	32S/13E-32E_a	Irr	2	1	22
32S/13E-32F_a	HAYASHI & SONS	32S/13E-32F_a	Irr	2	2	23
32S/13E-32J	VOLZ,R	32S/13E-32J	Irr	2	1	23
32S/13E-32M01	Phelan Taylor-Shishido Br	32N/13E-32M01	Irr	1	4	19
32S/13E-32M02	Phelan Taylor	12N/35W-32M0	Irr	1	4	20
32S/13E-32M04	Phelan Taylor	12N/35W-32M0	Irr	1	4	20
32S/13E-32N01	Phelan & Taylor (Farara)	32S/13E-32N01	Irr	2	4	18
32S/13E-32N02	Phelan & Taylor	32S/13E-32N02	Irr	2	4	18
32S/13E-32P02	Phelan Taylor (Hinsley)	32S/13E-32P02	Irr	1	3	21
32S/13E-32P_a	VASQUEZ,M	32S/13E-32P_a	Irr	2	3	20
32S/13E-32Q01	Phelan & Taylor	32S/13E-32Q01	Irr	1	3	22
32S/13E-32Q03	Phelan & Taylor	32S/13E-32Q03	Irr	1	3	21
32S/13E-32R_a	KOBARA & SONS	32S/13E-32R_a	Irr	1	1	32
32S/13E-32R_b	RJ FARMS	32S/13E-32R_b	Irr	2	4	22
32S/13E-33E01		32S/13E-33E01	Irr	1	1	23
32S/13E-33E02	Security Farms - Oceano	12N/35W-33E02	Irr	1	1	23
32S/13E-33F_a	FUKUHARA,H	32S/13E-33F_a	Irr	1	1	25
32S/13E-33K01	Waller Franklin Seed Co	32S/13E-33K01	Irr	1	1	27
32S/13E-33K02	Security Farms - Oceano	12N/35W-33K02	Irr	1	2	27
32S/13E-33K03	Waller Flower Seed Co	12N/35W-33K03	Irr	1	2	27
32S/13E-33L01	Security Farms - Oceano	12N/35W-33L01	Irr	1	2	25
32S/13E-33L02	Taylor #1	32S/13E-33L02	Irr	1	3	25
32S/13E-33M01		32S/13E-33M01	Irr	1	3	24
32S/13E-33M02	Cienega Vineyards	32S/13E-33M02	Irr	1	3	24
32S/13E-33P01		32S/13E-33P01	Irr	1	3	26
32S/13E-33P02		32S/13E-33P02	Irr	1	3	26
32S/13E-33Q01		32S/13E-33Q01	Irr	1	3	27
32S/13E-33Q02	Silveira	32S/13E-33Q02	Irr	1	4	27
32S/13E-33R01	Lahr	32S/13E-33R01	Irr	2	3	27
32S/13E-34C03	BARTLESON RANCH	32S/13E-34C03	Irr	2	6	39
32S/13E-34G01		32S/13E-34G01	Dom	2	1	32
32S/13E-34J01		32S/13E-34J01	Irr	2	3	33
32S/13E-34J02		32S/13E-34J02	Irr	2	2	33
32S/13E-34J03		32S/13E-34J03	Irr	2	3	32
32S/13E-34P01		32S/13E-34P01	Dom	2	3	30
32S/13E-34Q01		32S/13E-34Q01	Dom	2	4	31
32S/13E-34R01		32S/13E-34R01	Irr	2	3	33
32S/13E-34R02		32S/13E-34R02	Dom	2	3	33
32S/13E-34R03		32S/13E-34R03	Dom	2	4	33
32S/13E-34R04		32S/13E-34R04	Dom	2	4	33
32S/13E-35Ka	Bartleson 4	32S/13E-35Ka	Irr	2	1	38
32S/13E-35Ra	Bartleson 5	32S/13E-35Ra	Irr	2	2	38
32S/13E-35Rb	Bartleson 6	32S/13E-35Rb	Irr	2	3	39
35-1935	Brintnall #1	11N/35W-15C.a	Oil	2	22	37
36-2188	Union Sugar	11N/35W-21F.a	Oil	2	30	31
39-1471	Callendar Mesa	11N/35W-09G.a	Oil	2	19	31
47-4297	Phelan 1	12N/34W-32D.a		1	7	56
51-2670	Bosse 1	11N/35W-18N.a	Oil	2	27	17
51-962	Julie #1	12N/35W-33L.a	Oil	2	9	31
52-2649	Le Roy H-4	11N/36W-36Q.b	Oil	2	43	14
52-3722	Union Sugar 1-152	10N/35W-05D.a	Oil	2	44	24
53-3259	Union Sugar 1-75	11N/35W-32E.a	Oil	2	40	25
54-2130	Bogunda	11N/35W-36K.a		1	41	48
54-2908	Le Roy Z-1	11N/35W-35N.a		1	43	39
56-2601	La Vesga 1	11N/35W-31E.a	Oil	2	40	17
59-1555	Bolton 1	11N/35W-36D.a	Oil	2	39	45
64-2596	Nipomo CH 1	10N/34W-08B.a		1	50	58
65-2594	Souza 1	10N/34W-07A.a		1	49	54

WELL NUMBER	WELL NAME	TRS	TYPE	LAYER	COLUM	ROW
68-2275	La Veaga 4	11N/35W-30P.a	Oil	2	38	18
68-2539	La Veaga 2	11N/36W-36G.a	Oil	2	40	14
68-2700	La Veaga 3	11N/35W-19P.a	Oil	2	33	18
69-2810	Le Roy N-5	11N/35W-31P.a	Oil	2	42	18
71-2730	Le Roy I-5	11N/36W-36R.a	Oil	2	43	15
73-3812	A Mendosa	10N/35W-11C.a		1	49	41
74-2755	Le Roy G-5	11N/36W-36Q.a	Oil	2	43	13
76-3036	ASMM 1	11N/35W-32N.a	Oil	2	43	25
77-3068	Le Roy Q-12	10N/35W-06F.a	Oil	2	45	19
80-2584	Le Roy A-7A	11N/36W-35R.b	Oil	2	43	9
81-2652	Le Roy A-8	11N/36W-35J.a	Oil	2	42	9
82-2847	Old Highway 1	11N/35W-28B.a	Oil	2	34	32
??-2620	Le Roy F-7A	11N/36W-36L.a	Oil	2	42	13
??-2740	Le Roy K-6	11N/35W-31M.a	Oil	2	42	16
??-2879	Le Roy O-3	11N/35W-31P.b	Oil	2	43	18

Attachment B:

Well Location Figure
List of wells with drillers/construction logs entered into database

well_num	loc_num	trs	use	dwr_num	logqual	tx(elog)	elogs
10N/35W-07Ma		10N/35W-07Ma	Irr				
10N/35W-16Na		10N/35W-16Na	Irr				
10N/36W-02A.a	10N/36W-02A.a	10N/36W-02A.a	Oil				
10N/36W-02A.b	10N/36W-02A.b	10N/36W-02A.b	Oil				
10N/36W-02H.a	10N/36W-02H.a	10N/36W-02H.a	Oil				
10N/36W-02H.b	10N/36W-02H.b	10N/36W-02H.b	Oil				
10N/36W-02K.a	10N/36W-02K.a	10N/36W-02K.a	Oil		not entere		
10N/36W-02K.c	10N/36W-02K.c	10N/36W-02K.c	Oil				
10N/36W-02Q.a	10N/36W-02Q.a	10N/36W-02Q.a	Oil				
10N/36W-02Q01	GO-1.1	10N/36W-02Q1-7	Mon		perf		
10N/36W-02Q02	GO-1.2	10N/36W-02Q1-7	Mon		perf		
10N/36W-02Q03	GO-1.3	10N/36W-02Q1-7	Mon		perf		
10N/36W-02Q04	GO-1.4	10N/36W-02Q1-7	Mon		perf		
10N/36W-02Q05	GO-1.5	10N/36W-02Q1-7	Mon		perf		
10N/36W-02Q06	GO-1.6	10N/36W-02Q1-7	Mon		perf		
10N/36W-02Q07	GO-1.7	10N/36W-02Q1-7	Mon		perf		
10N/36W-02Q1-7	GO-1	10N/36W-02Q1-7	Mon				
10N/36W-11F.a	10N/36W-11F.a	10N/36W-11F.a	Oil		not entere		
10N/36W-14F.a	10N/36W-14F.a	10N/36W-14F.a	Oil		not entere		
10N/36W-22B.a	10N/36W-22B.a	10N/36W-22B.a	Oil		not entere		
11N/35W-02Da	Blackmer	11N/35W-02Da	Irr				
11N/35W-02Ea	Chapman	11N/35W-02Ea	Dom				
11N/35W-02F01	Mat (Williams - Pomeroy)	11N/35W-02F01	Dom		POOR		
11N/35W-02H02		11N/35W-02H02	Pvt		POOR		
11N/35W-02Ha	Haywath (?)	11N/35W-02Ha	Pvt		POOR		
11N/35W-02N01	NCSD Black Lake Canyon	11N/35W-02N01	NCSD	78850			
11N/35W-02Pa	Fratello	11N/35W-02Pa	Pvt	39517			
11N/35W-02Pb	Erwin Farms	11N/35W-02Pb	Mun	051626			
11N/35W-03Aa	Bargfrede	11N/35W-03Aa	Dom				
11N/35W-03B01	Fitzpatrick - Frankie	11N/35W-03B01	Dom		POOR		
11N/35W-03Ea	Ball	11N/35W-03Ea	Dom				
11N/35W-03M	Meier	11N/35W-03M	Test	NA			
11N/35W-03Na	Cameron	11N/35W-03Na	Dom				
11N/35W-03P	Meier	11N/35W-03P	Test	NA			
11N/35W-03Ra	Felipe	11N/35W-03Ra	Irr	221032			
11N/35W-04Aa	Avo Mesa Assoc	11N/35W-04Aa	Irr				
11N/35W-04Db	Bjerre	11N/35W-04Db	Irr				
11N/35W-04La	Greenhart Farms 2	11N/35W-04La	Irr				
11N/35W-04Lb	Greenhart Farms 3	11N/35W-04Lb	Irr				
11N/35W-04Ma	Bjerre 3	11N/35W-04Ma	Irr	NA			
11N/35W-04Na	Bjerre 1	11N/35W-04Na	Irr	NA			
11N/35W-04Nc	Cypress Ridge F&T 3	11N/35W-04Nc	Mun	NA		Y	DI
11N/35W-05B01	Rural 5	11N/35W-05B01	Mun				
11N/35W-05F01	Rural 3	11N/35W-05F01	Mun				
11N/35W-05Fa	Cypress Ridge F&T 1	11N/35W-05Fa	Irr	NA		Y	DI
11N/35W-05Ga	Bjerre 2	11N/35W-05Ga	Irr	NA			
11N/35W-05Gb	Cypress Ridge F&T 2	11N/35W-05Gb	Irr	NA		Y	DI
11N/35W-05L01	Sackman - Hwy #1	11N/35W-05L01	Irr	6042			
11N/35W-07A01	Stauffer	11N/35W-07A01	Ind	NA			
11N/35W-07R01	Unocal	11N/35W-07R01	Ind	5946			
11N/35W-08J01	Woodland Pk - Foster	11N/35W-08J01	Mun	68426	POOR		
11N/35W-08K01	Woodland Pk	11N/35W-08K01	Mun				
11N/35W-08M01		11N/35W-08M01	Pvt		POOR		
11N/35W-08R02	Loro - Mutual WA	11N/35W-08R02	Mun	39605			
11N/35W-09G01	Plegel (Taylor Farms)	11N/35W-09G01	Irr	68446			
11N/35W-09K05	NCSD Eureka	11N/35W-09K05	NCSD		MEDIUM		
11N/35W-09P01	Woodland Pk	11N/35W-09P01	Mun				
11N/35W-09Q01	Yokoyama	11N/35W-09Q01	Irr		POOR		

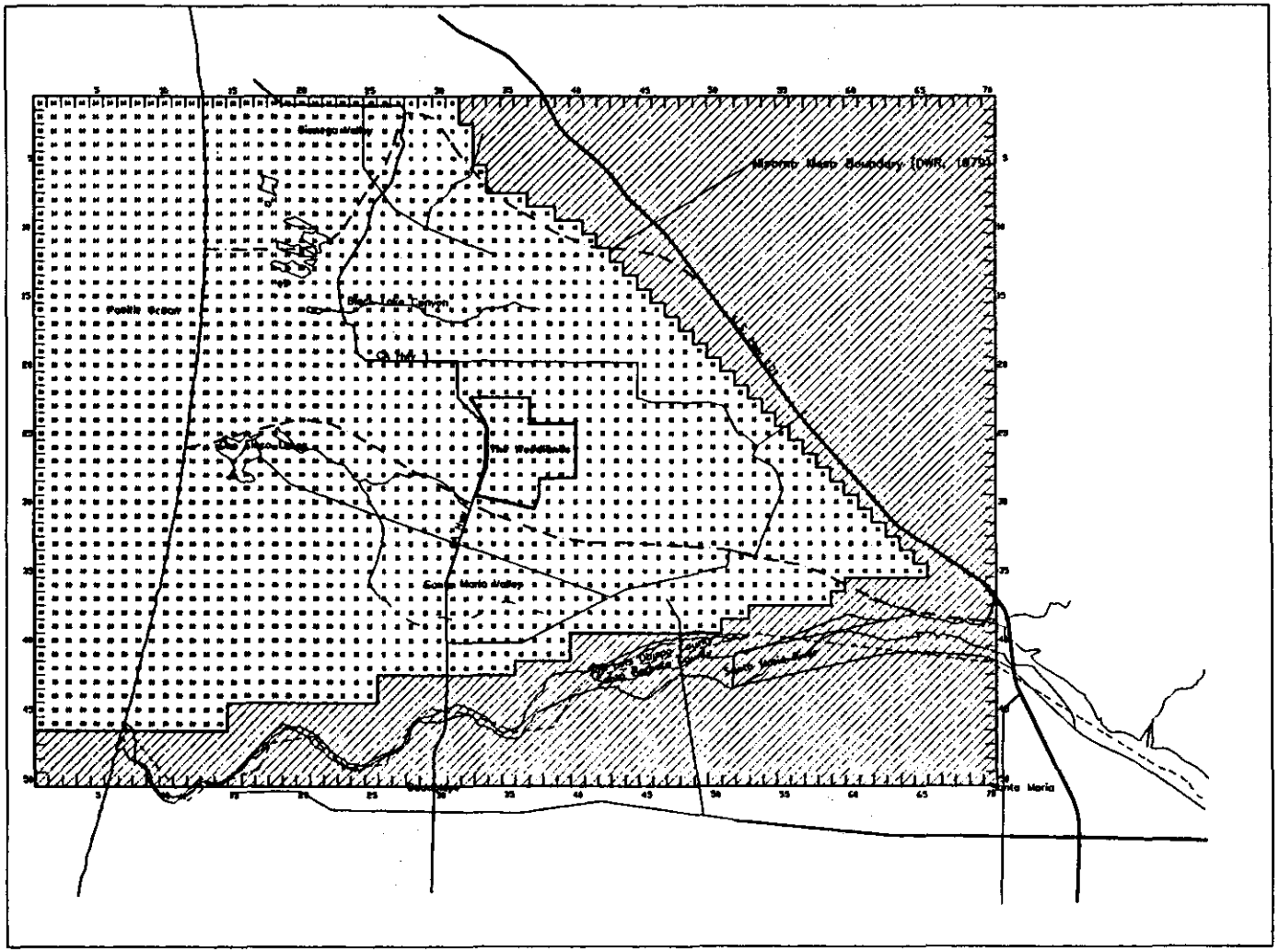
11N/35W-10Ba	Emerald Bay Mon	11N/35W-10Ba	Mon				
11N/35W-10G01	BLGC - East	11N/35W-10G01	BLGC				
11N/35W-10G02	BLGC - West (Nowak)	11N/35W-10G02	BLGC	52310	POOR		
11N/35W-10G03	NCSD via Concha	11N/35W-10G03	NCSD	90146			
11N/35W-10G05	NCSD BL #4	11N/35W-10G05	NCSD				
11N/35W-10J01	NCSD Bevington	11N/35W-10J01	NCSD		MEDIUM	Y	
11N/35W-10La	Denham/Enloe	11N/35W-10La	Dom	336637			
11N/35W-10M01	Resnick	11N/35W-10M01	Dom	71937			
11N/35W-10M02	Brown	11N/35W-10M02	Dom	39332			
11N/35W-10R01	Andrews Trky Fm (Pudwell)	11N/35W-10R01	Irr		POOR		
11N/35W-10R02	Andrews Turkey Farm	11N/35W-10R02	Irr	39489			
11N/35W-11C01	Nasholm - Mesa	11N/35W-11C01	Pvt	NA			
11N/35W-11C02	Struble - Mesa	11N/35W-11C02	Pvt				
11N/35W-11J01	Camacho - Mesa	11N/35W-11J01	Pvt				
11N/35W-11J02	NCSD Omiya Old	11N/35W-11J02	NCSD				
11N/35W-11J03	NCSD Omiya New	11N/35W-11J03	NCSD				
11N/35W-11R01	Andres	11N/35W-11R01	Dom		POOR		
11N/35W-12E02	Noller - Garden	11N/35W-12E02	Pvt		POOR		
11N/35W-14K01	Roam (?)	11N/35W-14K01	Dom		POOR		
11N/35W-14K02	Woodward	11N/35W-14K02	Dom		POOR		
11N/35W-14K03	Blom	11N/35W-14K03	Irr		POOR		
11N/35W-15Da	Woodlands Dawn Road	11N/35W-15Da	Irr			Y	I
11N/35W-15G	Ruiz	11N/35W-15Ga	Dom	68430			
11N/35W-15Ra	Woodlands Mesa Road	11N/35W-15Ra	Irr			Y	DI
11N/35W-16B01	Withrow - Hwy #1	11N/35W-16B01	Irr	39333			
11N/35W-16Ja	Woodlands Hwy 1 Mon	11N/35W-16Ja	Mon			Y	I
11N/35W-16Jb	Woodlands Hwy 1 Prod	11N/35W-16Jb	Irr				
11N/35W-17D01	Unocal	11N/35W-17D01	Ind	5695			
11N/35W-19E02	Enos #2	11N/35W-19E02	Irr	6404			
11N/35W-19Ha	Teixera F	11N/35W-19Ha	Irr				
11N/35W-19Ka		11N/35W-19K	Irr				
11N/35W-20Eb	Teixera E	11N/35W-20Eb	Irr				
11N/35W-20Ha	Teixera A	11N/35W-20Ha	Irr				
11N/35W-20Ka		11N/35W-20Ka	Irr				
11N/35W-21Fa	Teixera #2	11N/35W-21Fa	Irr				
11N/35W-21La	Teixera C	11N/35W-21La	Irr				
11N/35W-21Na	Teixera B	11N/35W-21Na	Irr				
11N/35W-21Qb	Teixera D	11N/35W-21Qb	Irr				
11N/35W-22Ma	Woodlands Homestead	11N/35W-22Ma	Irr			Y	DI
11N/35W-28Aa		11N/35W-28Aa	Irr				
11N/35W-33Da		11N/35W-33Da	Irr				
11N/35W-33H01		11N/35W-33H01	Irr				
11N/35W-36Ha		11N/35W-36Ha	Irr				
11N/36W-12C1-3	PSBO-2	11N/36W-12C1-3	Mon				
11N/36W-13K02	OFO-1.2	11N/36W-13K1-6	Mon		perf		
11N/36W-13K03	OFO-1.3	11N/36W-13K1-6	Mon		perf		
11N/36W-13K04	OFO-1.4	11N/36W-13K1-6	Mon		perf		
11N/36W-13K05	OFO-1.5	11N/36W-13K1-6	Mon		perf		
11N/36W-13K06	OFO-1.6	11N/36W-13K1-6	Mon		perf		
11N/36W-13K1-6	OFO-1	11N/36W-13K1-6	Mon				
11N/36W-35J.a	11N/36W-35J.a	11N/36W-35J.a	Oil		not entere		
11N/36W-35J.b	11N/36W-35J.b	11N/36W-35J.b	Oil				
11N/36W-35J02	GO-2.1	11N/36W-35J2-6	Mon		perf		
11N/36W-35J03	GO-2.2	11N/36W-35J2-6	Mon		perf		
11N/36W-35J04	GO-2.3	11N/36W-35J2-6	Mon		perf		
11N/36W-35J05	GO-2.4	11N/36W-35J2-6	Mon		perf		
11N/36W-35J06	GO-2.5	11N/36W-35J2-6	Mon		perf		
11N/36W-35J2-6	GO-2	11N/36W-35J2-6	Mon				
11N/36W-35R.a	11N/36W-35R.a	11N/36W-35R.a	Oil		not entere		
12N/35W-27Na	Bartleson 7	12N/35W-27Na	Irr	276950			

12N/35W-28Qa	Ingle	12N/35W-28Qa	Pvt			
12N/35W-29L01	Security Farms - Gracia	12N/35W-29L01	Irr	43572		
12N/35W-32N01	Dudley	12N/35W-32N01	Irr	40564		
12N/35W-32Na	Bartholomew	12N/35W-32Na	Dom			
12N/35W-32Q01	Mesa Dunes 1	12N/35W-32Q01	Mun	40492		
12N/35W-32Q02	Mesa Dunes Abandoned	12N/35W-32Q02	Mun	NA		
12N/35W-32Q04	Mesa Dunes 3	12N/35W-32Q04	Mun	NA		
12N/35W-32Qa	Rural 7	12N/35W-32Qa	Mun			
12N/35W-32R01	Rural 1	12N/35W-32R01	Mun			
12N/35W-32R02	Rural 2	12N/35W-32R02	Mun			
12N/35W-32R04	Rural 6	12N/35W-32R04	Mun			
12N/35W-33B02	Brokow	12N/35W-33B02	Dom	101064		
12N/35W-33F01		12N/35W-33F01	Irr			
12N/35W-33Ka	Fernald	12N/35W-33Ka	Dom			
12N/35W-33L01	Johnson - Halcyon	12N/35W-33L01	Irr			
12N/35W-33Pa	Nydam	12N/35W-33Pa	Dom			
12N/35W-34C03	Bartleson 2	12N/35W-34C03	Irr			
12N/35W-34J01	Hilliard	12N/35W-34J01	Irr			
12N/35W-34M03	Tierney	12N/35W-34M03	Dom	104113		
12N/35W-34Mb	Moreland	12N/35W-34Mb	Dom			
12N/35W-34Na	Cole	12N/35W-34Na	Dom			
12N/35W-34Qa	Michael	12N/35W-34Qa	Dom			
12N/35W-34Ra	Robertson	12N/35W-34Ra	Dom			
12N/36W-36L1,2	PSBO-1	12N/36W-36L1,2	Mon			
32-1286	Hutchinson #1	11N/35W-10P.a	Oil			
32-1721	Beckett #1	11N/35W-16G.a	Oil			
32-736	Callendar 36-1	11N/35W-10H.a	Oil			
32S/12E-24R01	POO-2.1	32S/12E-24R1-3	Mon		perf	
32S/12E-24R02	POO-2.2	32S/12E-24R1-3	Mon		perf	
32S/12E-24R03	POO-2.3	32S/12E-24R1-3	Mon		perf	
32S/13E-30F01	POO-3.1	32S/13E-30F1-3	Mon		perf	
32S/13E-30F02	POO-3.2	32S/13E-30F1-3	Mon		perf	
32S/13E-30F03	POO-3.3	32S/13E-30F1-3	Mon		perf	
32S/13E-30N01	POO-4.1	32S/13E-30N01	Mon		perf	
32S/13E-30N02	POO-4.2	32S/13E-30N02	Mon		perf	
32S/13E-30N03	POO-4.3	32S/13E-30N03	Mon		perf	
32S/13E-31F02	POO-5.1	32S/13E-31F2-4	Mon		perf	
32S/13E-31F03	POO-5.2	32S/13E-31F2-4	Mon		perf	
32S/13E-31F04	POO-5.3	32S/13E-31F2-4	Mon		perf	
32S/13E-31F2-4	POO-5	32S/13E-31F2-4	Mon			
32S/13E-32M01	Phelan Taylor-Shishido Br	32N/13E-32M01	Irr	5793		
32S/13E-32N02	Phelan & Taylor	32S/13E-32N02	Irr	38511		
32S/13E-32P02	Phelan Taylor (Hinsley)	32S/13E-32P02	Irr			
32S/13E-32Q01	Phelan & Taylor	32S/13E-32Q01	Irr	101326		
32S/13E-32Q03	Phelan & Taylor	32S/13E-32Q03	Irr	71938		
32S/13E-33F01	Fukahara	32S/13E-33F01	Irr	25723		
32S/13E-33K03	Waller Flower Seed Co	12N/35W-33K03	Irr	17957		
32S/13E-33Q01		32S/13E-33Q01	Irr			
32S/13E-33Q02	Silveira	32S/13E-33Q02	Irr			
32S/13E-33R01	Lahr	32S/13E-33R01	Dom	101332		
32S/13E-35Ka	Bartleson 4	32S/13E-35Ka	Irr	171368		
32S/13E-35Ra	Bartleson 5	32S/13E-35Ra	Irr	153002		
32S/13E-35Rb	Bartleson 6	32S/13E-35Rb	Irr	276953		
35-1935	Brintnall #1	11N/35W-15C.a	Oil			
35-2188	Union Sugar	11N/35W-21F.a	Oil		check	
45-5185	Le Roy 13	11N/35W-14R.a	Oil		not entere	Y
45-5754	Giacomini 3	10N/35W-24A.a	Oil		not entere	Y
47-3665	Wineman 2	11N/34W-13F.a	Oil		not entere	Y
47-4297	Phelan 1	12N/34W-32D.a	Oil		POOR	Y
48-4939	Donovan B-1	10N/35W-13M.a	Oil		POOR	Y

48-5448	Chiloensis 1	10N/35W-15L.a	Oil	not entere	Y	
51-2670	Bosse 1	11N/35W-18N.a	Oil		Y	IC
51-982	Julie #1	12N/35W-33L.a	Oil			
??-2849	Le Roy H-4	11N/36W-36Q.b	Oil	POOR		
.-3722	Union Sugar 1-152	10N/35W-05D.a	Oil		Y	IC
53-3259	Union Sugar 1-75	11N/35W-32E.a	Oil		Y	IC
53-4506	Mahoney	10N/35W-10J.a	Oil		Y	IC
54-2130	Bogunda	11N/35W-36K.a	Oil		Y	IC
54-2908	Le Roy Z-1	11N/35W-35N.a	Oil		Y	IC
56-2601	La Veaga 1	11N/35W-31E.a	Oil	POOR		
59-1555	Bolton 1	11N/35W-36D.a	Oil		Y	IC
64-2596	Nipomo CH 1	10N/34W-08B.a	Oil		Y	IC
65-2594	Souza 1	10N/34W-07A.a	Oil		Y	IC
65-4818	Union Sugar 16-1	10N/35W-16F.a	Oil	not entere	Y	
65-5050	Union Sugar 2	10N/35W-17D.a	Oil	not entere	Y	
68-2275	La Veaga 4	11N/35W-30P.a	Oil		Y	IC
68-2539	La Veaga 2	11N/36W-36G.a	Oil		Y	IC
68-2700	La Veaga 3	11N/35W-19P.a	Oil		Y	IC
69-2810	Le Roy N-5	11N/35W-31P.a	Oil		Y	IC
71-2730	Le Roy I-5	11N/36W-36R.a	Oil		Y	IC
73-3812	A Mendosa	10N/35W-11C.a	Oil		Y	IC
74-2755	Le Roy G-5	11N/36W-36Q.a	Oil		Y	IC
75-4678	Le Roy 2-18	11N/35W-18F.a	Oil	not entere	Y	
76-3036	ASMM 1	11N/35W-32N.a	Oil	POOR		
77-3068	Le Roy Q-12	10N/35W-06F.a	Oil		Y	IC
80-2584	Le Roy A-7A	11N/36W-35R.b	Oil		Y	IC
81-2652	Le Roy A-8	11N/36W-35J.a	Oil		Y	IC
82-2847	Old Highway 1	11N/35W-28B.a	Oil		Y	IC
??-2620	Le Roy F-7A	11N/36W-36L.a	Oil		Y	IC
-2740	Le Roy K-6	11N/35W-31M.a	Oil	POOR		
??-2879	Le Roy O-3	11N/35W-31P.b	Oil	POOR		

Attachment C:

Figures 15 through 18
Specific yield information
Pump test information



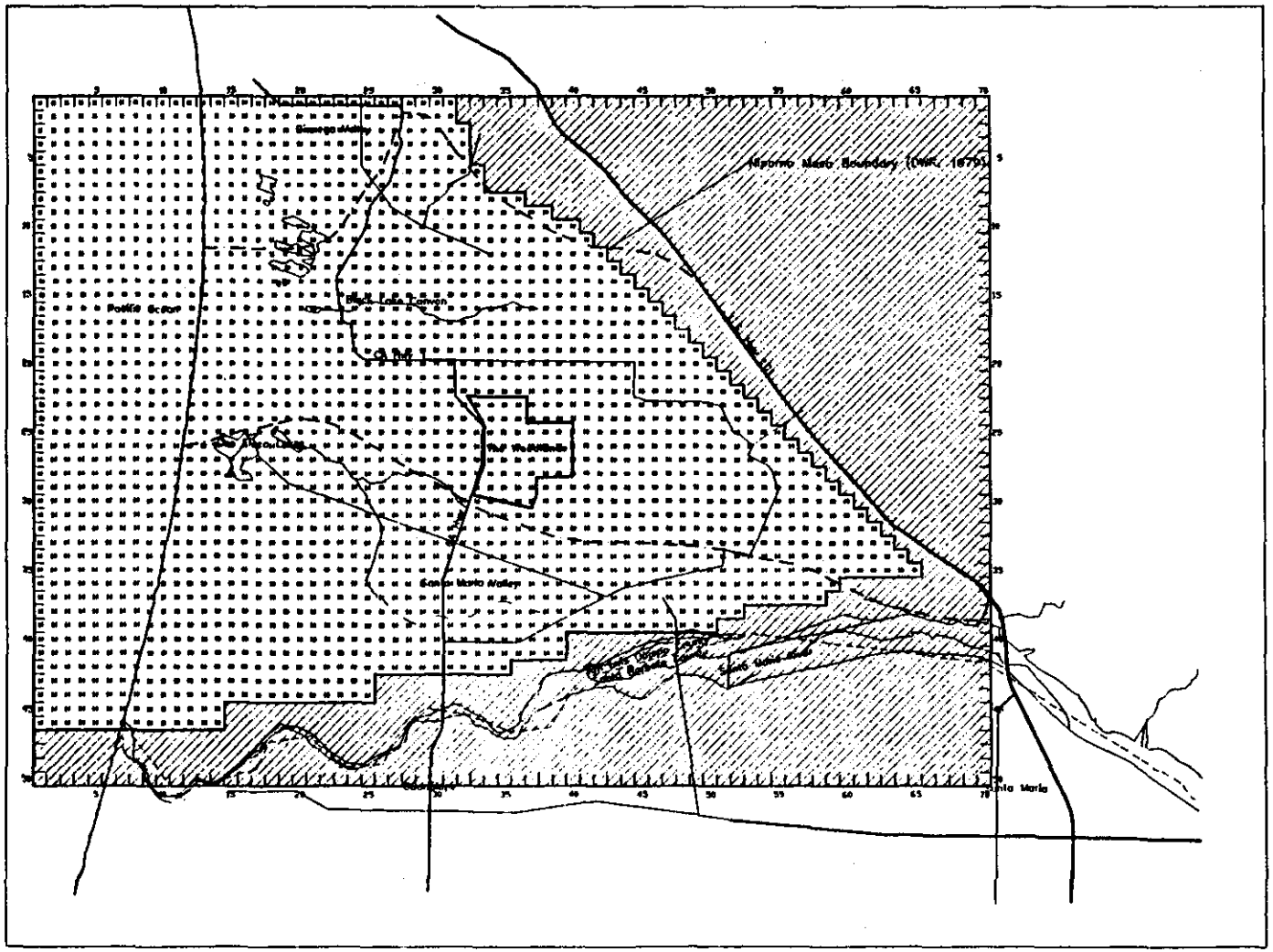
0 4000 8000 12000 16000
FEET

Figure 15
Model Parameters
Layer 1 Permeability

US Industries

Woodlands Project
Nipomo Mesa

March 28, 1996
CLEATH & ASSOCIATES
ModelMap.DWG



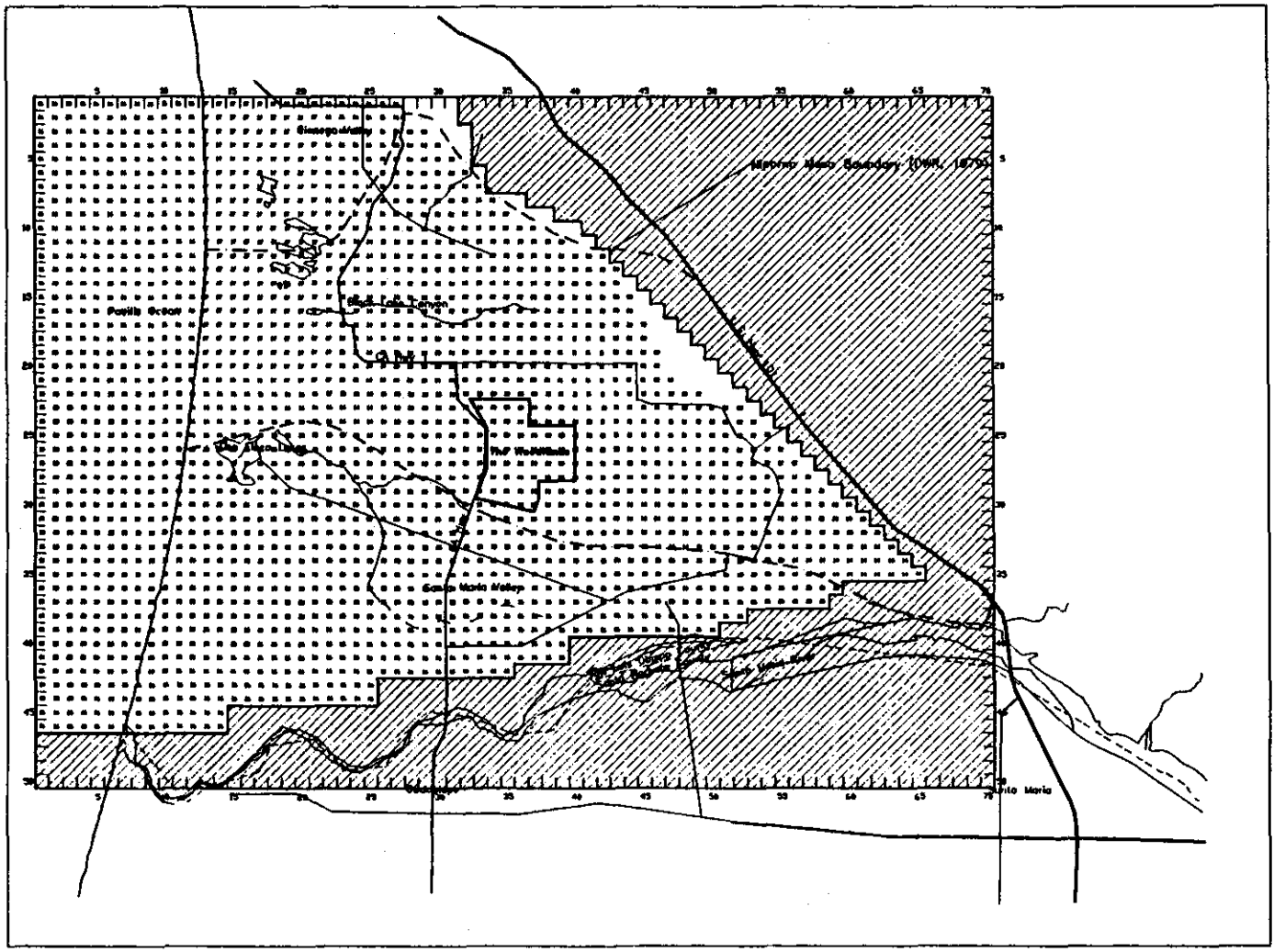
0 4000 8000 12000 16000
FEET

Figure 16
Model Parameters
Layer 1 Specific Yield

US Industries

Woodlands Project
Nipomo Mesa

March 28, 1996
CLEATH & ASSOCIATES
ModelMap.DWG



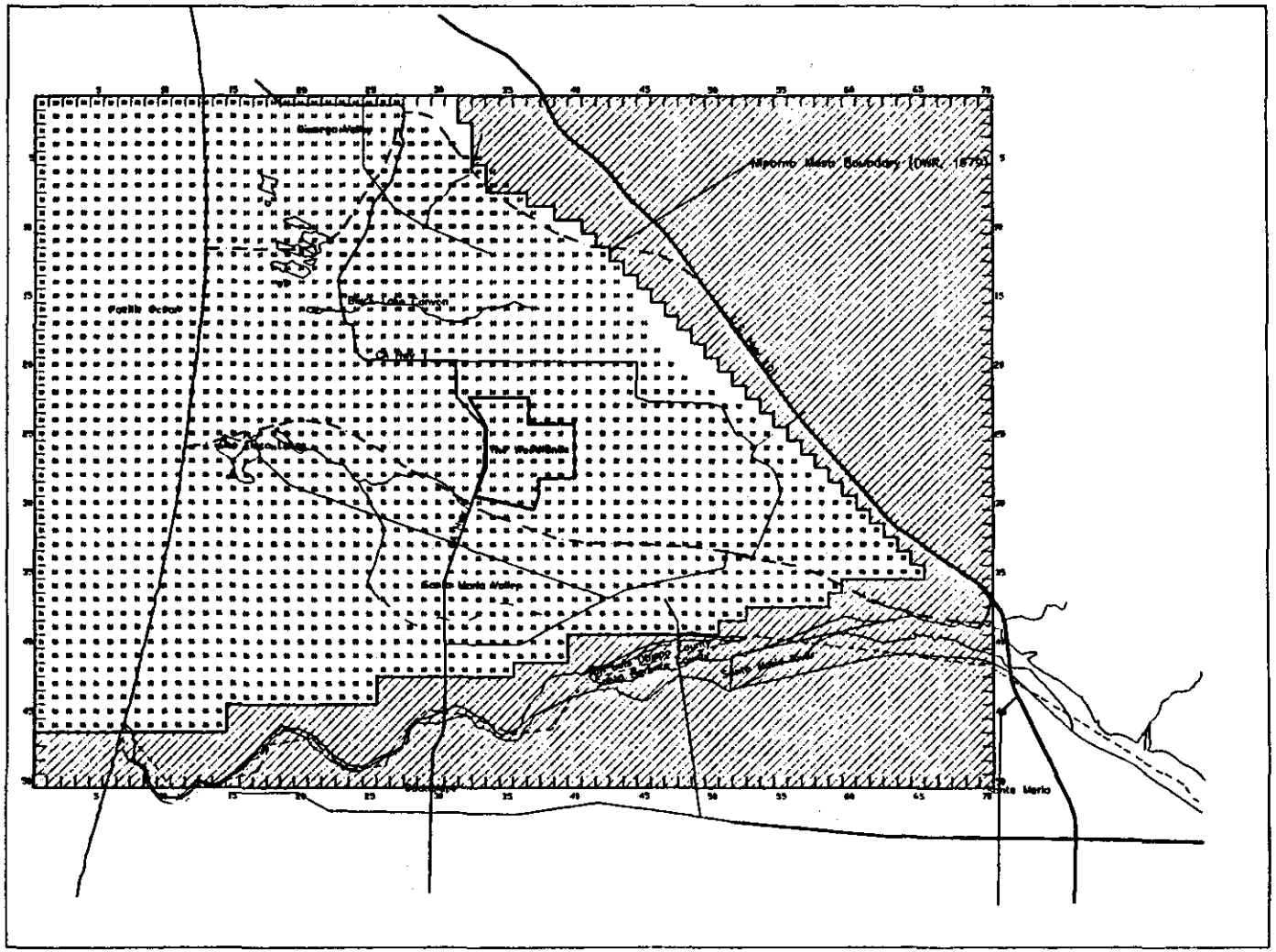
0 4000 8000 12000 16000
FEET

Figure 17
Model Parameters
Layer 2 Permeability

US Industries

Woodlands Project
Nipomo Mesa

March 28, 1996
CLEATH & ASSOCIATES
ModelMap.DWG



0 4000 8000 12000 16000
FEET

Figure 18
Model Parameters
Layer 2 Storativity

US Industries

Woodlands Project
Nipomo Mesa

March 28, 1996
CLEATH & ASSOCIATES
ModelMap.DWG

Table 11. Model Parameter Zones and Values

Zone	Permeability feet/day	Storage Coefficient	Specific Yield
1	0.01	0.0002	0.02
2	0.02	0.0002	0.02
3	0.05	0.0002	0.02
4	0.08	0.0003	0.03
5	0.15	0.0003	0.03
6	0.25	0.0003	0.03
7	0.5	0.0004	0.04
8	0.8	0.0005	0.05
9	1.5	0.0005	0.05
10	2.5	0.0006	0.06
11	5	0.0008	0.08
12	8	0.0010	0.1
13	15	0.0012	0.12
14	25	0.0015	0.15
15	50	0.0018	0.18
16	80	0.0020	0.2
17	100	0.0020	0.2
18	200	0.0025	0.25
19	500	0.0025	0.25

NOTE: Certain areas of the Nipomo Mesa have a listed storage coefficient zone of 35 (Layer 2 only). This zone is used when both confined and unconfined conditions may occur, and corresponds to a value of 0.0015 or 0.15, respectively.

Specific Yield—Compilation of Specific Yields for Various Materials

By A. I. JOHNSON

HYDROLOGIC PROPERTIES OF EARTH MATERIALS

GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1662-D

Prepared in cooperation with the California Department of Water Resources

UNITED STATES GOVERNMENT PRINTING OFFICE, WASHINGTON : 1967

bottom of the basin. The second item was obtained by evaluating the average weighted specific yield of the sediments by analysis of available well logs.

* * * * * * *

With slight variations, the values determined in this [Eckis, 1934] earlier work were adopted for computing the change of storage estimates presented here.

The task of assigning specific yield values to the sediments appearing in logs was simplified by dividing all basin sediments into eight general categories. These included soil, clay, clay and sand, clay and gravel, tight sand, sand, tight gravel, and gravel. Sand, gravel, and clay, which constitute the bulk of the basin sediments, were generally found to be well differentiated on the drillers' logs. Combinations of these materials, however, were frequently described by such unique terms as "ooze," "muck," "cement," etc. Materials so described were placed, based on the judgment of a geologist, into one of the above eight categories. Table 16 indicates specific yield values assigned to the general categories of material encountered. The Paso Robles formation is generally more compacted and weathered than the alluvium and some specific yields were lowered accordingly.

TABLE 16.—*Specific yield of water-bearing sediments in San Luis Obispo County, Calif.*

Material	*Specific yield (percent)*	
	Alluvium	*Paso Robles formation*
Soil, including silty clay	5	5
Clay, including adobe and hardpan	3	3
Clay and sand, including sandy silt	5	5
Clay and gravel	7	7
Sand	25	20
Tight sand, including cemented sand	18	15
Gravel, including gravel and sand	21	18
Tight gravel, including cemented gravel	14	13

Davis, G. H., Green, J. H., Olmsted, F. H., and Brown, D. W., 1959, Groundwater conditions and storage capacity in the San Joaquin Valley, California: U.S. Geol. Survey Water-Supply Paper 1469, p. 206–210.

The values chosen for specific yield were based largely on previous work by other investigators in California, with certain rational modifications to fit conditions in the San Joaquin Valley. * * *.

* * * * * * *

The results obtained by Eckis (1934), by Piper and others (1939), by the Sacramento laboratory of the Bureau of Reclamation, and by other less detailed studies were modified somewhat for use in the San Joaquin Valley, and the specific yields listed in table 17 were assigned to the five major groups of material classified in the well logs.

The grouping of drillers' terms and the specific yield of one category—S (sand)—were different from those used by the Geological Survey in the Sacramento Valley investigation (Poland and others, 1951, p. 625), * * *. The specific yield of 25 percent assigned to the coarse gravelly deposits was approximately a general average of the results * * * which ranged from 13 to 35 percent. Probably much of the clean gravel and well-sorted sand near the apexes of the alluvial fans of the east-side streams in the San Joaquin Valley has a specfic yield substantially above 25 percent, as suggested by the Bureau of Reclamation data * * *. However, the writers believe that figure to be a reasonable and conservative estimate of the valleywide average.

Pumpt test data summary

Well	ID	Aquif. feet	Form. symb	Test type	Flow gpm	s feet	sc gpm/ft	T gpd/ft	K ft/day
Woodlands									
Hwy 1	11N/35W-16J	301	TQpr	CD	1000	40	25	70000	31
		301		REC				161000	72
Dawn Rd.	11N/35W-15D	292	TQpr	CD	1200	49	24	85600	39
		292		REC				31000	14
Mesa Rd.	11N/35W-15R	212	TQpr	CD	1400	58	24	76000	48
		212		REC				69000	44
Homestd.	11N/35W-22M	250	TQpr	CD	1400	80	18	27300	15
		250		REC				31000	17
Cypress Ridge									
F&T-1	11N/35W-05Fa	110	TQpr	CD	220	42	5	5130	6
		110		REC				5500	7
F&T-2	11N/35W-05Gb	170	TQpr	CD	270	46	6	12500	10
		170		REC				11600	9
F&T-3	11N/35W-04Mc	160	TQpr	CD	284	82	3	7920	7
		160		REC				8340	7
Cal Cities									
Vista #3		271	TQpr	PGE	342	26	13	24180	12
Vista #4		520	TQpr	PGE	255	69.5	4	6880	2
Osage		185	TQpr	PGE	350	69.5	5	10850	8
Casa Real		80	TQpr	PGE	248	97	3	11360	19
Eucalyptus		120	TQpr	PGE	180	8	23	40730	45
Apricot #1		90	TQpr	PGE	60	17	4	6820	10
La Serena		235	TQpr	PGE	444	22	20	37050	21
Alta Mesa		185	TQpr	PGE	386	55.5	7	14320	10
NCSD									
	11N-35W-02N01	62	TQpr	CD	180	145	1	2170	5
Dana #2	11N-35W-10J01	135	TQpr	CD	210	125	2	5470	5
Omiya	11N/35W-11J03	170	TQpr	ST	50	23	2	4080	3
		170		ST	75	39	2	3800	3
		170		ST	100	51	2	4040	3
		170		ST	125	67	2	4070	3
Worts									
	10N/33W-21R01	55	Qal-L	REC				192540	468
	10N/35W-05J01	143	Qal-TQpr	REC				213930	200
	10N/35W-08Q01		Qal-TQpr	REC					200
	10N/35W-17D01	143	Qal-TQpr	REC				213930	200
	11N/35W-29D01		Qal-TQpr	REC					200
	11N/35W-32R01		Qal-TQpr	REC					200
	11N/35W-20E01	294	TQpr	REC				19790	9
Misc.									
Yokayama	11N-35W-09Q01	38	TQpr	CD	35	4	9	16160	57
Black Lake	11N-35W-10G01	270	TQpr	CD	1050	126	8	19020	9
Black Lake	11N-35W-10G02	340	TQpr	CD	750	177	4	10020	4
Andrews	11N-35W-10R01	58	TQpr	CD	30	63	0	1820	4
Laursen	11N-35W-11A	152	TQpr	CD	20	3	7	11780	10
Ward	11N-35W-14A	80	TQpr	CD	60	20	3	6000	10
Observation wells for Mesa Dunes pump test									
Mesa Dune	12N-35W-32Q02	80	TQpr	CD	121(Q1,4)	12.5		4100	7
Rural #4	12N-35W-32R03	80	TQpr	CD	121(Q1,4)	1.29		6520	11

Attachment D:

Historical water levels
Plots of historical water levels for calibration wells
Plots of simulated water levels for calibration wells
Figure 20

32S/13E-33K03 L 01 R 02 C 27 Elev 52.0 (LEVEL_CO)
Waller Flower Seed Co 12N/35W-33K03

02/24/72	19.50
04/26/72	11.20
06/16/72	8.00
07/26/72	7.00
10/18/72	15.80
04/02/73	27.50
08/07/73	14.20
09/12/73	17.90
11/05/73	22.00
12/24/73	26.40
02/22/74	27.90
05/07/74	24.50
10/08/74	19.60
11/06/74	23.40
01/02/75	25.60
09/24/75	13.90
07/19/76	3.20
08/17/76	8.30
10/04/76	16.80
04/14/77	9.10
08/18/77	3.00
10/17/77	6.00
05/01/78	27.40
11/29/78	23.10
04/10/79	24.90
10/30/79	16.00
04/06/80	17.00
10/03/80	13.90
04/21/81	25.70
10/15/81	15.30
04/26/82	28.40
11/15/82	22.70
04/29/83	33.60
10/14/83	19.70
04/17/84	16.58
10/05/84	8.40
04/08/85	15.30
10/01/85	7.00
10/02/85	7.00
04/03/86	23.60
10/21/86	14.90
04/06/87	17.10
10/13/87	10.40
04/27/88	17.90
10/20/88	3.80
04/14/89	7.10
10/04/89	6.90
04/12/90	6.90
10/03/90	3.20
04/05/91	14.80
10/02/91	5.10
04/15/92	23.72

32S/13E-33M02 L 01 R 03 C 24 Elev 41.0 (LEVEL_CO)
Cienega Vineyards

04/27/72	5.90
10/18/72	19.00
05/08/73	21.90
05/08/74	24.00
11/07/74	26.60
09/30/75	18.00
04/19/76	17.10
10/04/76	19.70
04/14/77	8.00
10/17/77	-3.10
05/01/78	27.40
11/22/78	25.80
05/06/80	21.10
04/21/81	25.20
10/15/81	17.00
04/26/82	29.60
11/15/82	25.30
04/29/83	33.85
04/18/84	19.20
10/02/85	7.00
10/21/86	16.20
04/06/87	20.80
04/27/88	19.90
10/20/88	3.80
04/14/89	
10/04/89	8.20
04/12/90	
10/03/90	
04/05/91	16.90
10/02/91	
04/15/92	

32S/13E-33L02 L 01 R 03 C 25 Elev 41.0 (LEVEL_CO)
Taylor #1

10/03/90	1.20
04/05/91	13.80
10/02/91	4.90
04/15/92	18.60

12N/35W-30M02 L 01 R 04 C 20 Elev 20.0 (LEVEL_CO)
Phelan & Taylor

05/10/73	7.80
11/07/73	13.30
05/08/74	11.00
11/08/74	11.20
09/26/75	4.60
10/04/76	12.70
04/14/77	1.00
05/01/78	17.20
04/11/79	15.70

10/30/79	9.20
05/06/80	13.40
10/03/80	5.20
10/15/81	6.70
04/26/82	14.20
11/15/82	13.10
04/29/83	17.80
04/18/84	10.40
04/08/85	11.50
10/02/85	-7.60
04/03/86	14.90
10/21/86	-3.20
04/06/87	12.30
10/13/87	5.70
04/27/88	11.40
10/20/88	-0.40
04/14/89	2.60
10/04/89	6.20
04/12/90	-6.00
10/03/90	-7.00
04/05/91	
10/02/91	-6.80
04/15/92	1.00

12N/35W-30M04 L 01 R 04 C 20 Elev 20.0 (LEVEL_CO)
22St/Produce Place

04/27/88	9.45
10/20/88	-3.30
04/14/89	0.00
10/04/89	3.90
04/12/90	
10/03/90	
04/05/91	
10/02/91	
04/15/92	

12N/35W-30K02 L 01 R 04 C 22 Elev 29.0 (LEVEL_CO)
Reyes - Cienega Valley

04/27/72	9.50
10/18/72	10.20
05/08/73	17.50
11/05/73	16.40
05/08/74	19.10
11/07/74	17.50
09/29/75	10.80
10/18/77	6.70
05/01/78	23.00
11/27/78	17.90
04/11/79	20.70
10/30/79	13.10
05/06/80	16.00
10/03/80	10.70
04/15/81	20.50
04/26/82	19.80

11/15/82	16.70
04/29/83	22.25
10/14/83	14.40
10/18/83	14.20
04/08/85	14.30
10/21/86	8.40
04/06/87	15.90
10/13/87	7.50
04/27/88	14.20
10/20/88	
04/14/89	6.40
10/04/89	12.40
04/12/90	5.30
10/03/90	
04/05/91	15.10
10/02/91	2.10
04/15/92	15.00

12N/35W-30K03 L 01 R 05 C 21 Elev 27.0 (LEVEL_CO)
Ikeda Bros. - Cienega Val

10/18/72	13.10
05/08/73	17.90
11/05/73	18.20
05/08/74	19.20
11/07/74	19.30
05/05/75	15.35
09/29/75	11.00
10/04/76	16.80
04/14/77	8.30
10/18/77	7.50
05/01/78	23.60
11/27/78	19.90
10/30/79	13.50
04/06/80	17.50
10/03/80	10.60
04/21/81	21.80
10/15/81	10.30
11/15/82	18.70
04/29/83	22.70
10/14/83	15.60
10/15/84	13.00
04/08/85	17.60
10/02/85	4.30
04/03/86	19.30
10/21/86	8.80
10/13/87	9.30
04/27/88	17.00
10/20/88	
04/14/89	
10/04/89	
04/12/90	
10/03/90	
04/05/91	
10/02/91	4.80
04/15/92	12.70

12N/35W-29N01 L 01 R 05 C 24 Elev 29.0 (LEVEL_CO)
Silva - Halcyon

10/18/72	11.10
05/08/73	17.00
11/07/74	21.10
05/05/75	14.00
10/04/76	15.80
08/18/77	-8.50
10/18/77	4.70
05/01/78	23.70
11/27/78	21.00
04/30/79	22.00
10/30/79	12.90
05/06/80	16.70
10/03/80	11.10
10/15/81	10.80
10/26/82	23.90
11/15/82	20.30
04/29/83	27.70
10/14/83	14.20
04/18/84	11.40
10/15/84	12.10
04/08/85	15.60
10/02/85	4.20
04/06/87	16.30
10/13/87	4.70
10/20/88	-1.00
04/14/89	
10/04/89	3.50
04/12/90	
10/03/90	
04/05/91	
10/02/91	3.80
04/15/92	17.10

12N/35W-30P02 L 01 R 06 C 23 Elev 23.0 (LEVEL_CO)
Security Farms - Oceano

10/18/72	11.50
11/03/73	15.90
05/08/74	14.50
11/07/74	17.90
05/05/75	11.30
09/29/75	7.40
10/04/76	13.00
04/14/77	-3.60
10/18/77	3.50
05/01/78	21.00
11/27/78	18.00
04/11/79	19.80
10/30/79	11.10
05/30/80	14.60
10/03/80	9.30
04/04/81	18.10

10/15/81	8.20	
04/26/82	20.80	
11/15/82	17.80	
10/14/83	12.70	
04/08/85	14.00	
10/02/85	3.10	
04/03/86	16.80	
10/21/86	9.50	
04/27/88	13.90	
10/20/88		
04/14/89	4.60	
10/04/89		
04/12/90	-15.90	
10/03/90		
04/05/91	-4.70	
10/02/91		-13.00
04/15/92	14.80	

11N/36W-12C01 L 01 R 18 C 14 Elev 35.0 (LEVEL_CO)
PSBO-2.1 11N/36W-12C1-3

12/17/75	24.20
01/08/76	24.45
01/14/76	24.57
05/26/76	24.68
06/08/76	24.50
05/17/77	22.26
11/07/77	22.65
05/04/78	25.22
12/04/78	23.69
04/16/79	25.10
11/13/79	23.16
12/11/79	23.67
10/20/80	23.20
04/21/81	25.47
10/19/81	23.30
05/04/82	25.42
10/24/84	24.95
04/22/85	29.10
04/27/86	26.07
10/31/86	24.87
04/13/87	25.33
10/19/87	23.27
04/21/88	26.22
10/25/88	
04/20/89	27.48
10/12/89	22.59
04/24/90	23.00
10/11/90	21.28
04/19/91	22.97
10/11/91	22.02
04/21/92	27.22

32S/13E-31R01 L 02 R 03 C 17 Elev 20.0 (LEVEL_CO)
Silver Spur

10/04/77	0.10
05/02/78	18.10
11/04/78	16.20
04/11/79	16.20
10/30/79	13.10
04/06/80	14.90
10/03/80	8.70
04/21/81	17.10
10/15/81	9.40
04/29/83	18.50
10/14/83	14.30
04/18/84	2.90
10/05/84	9.20
04/08/85	13.80
04/03/86	14.50
10/21/86	6.00
04/06/87	13.20
10/13/87	6.30
04/27/88	12.60
10/20/88	3.20
04/17/89	8.70
10/04/89	8.00
04/12/90	1.50
10/03/90	3.50
04/05/91	8.90
10/02/91	4.70
04/15/92	10.50

12N/35W-28J02 L 02 R 04 C 33 Elev 181.0 (LEVEL_CO)
Barnett - Halcyon

05/09/75	144.30
04/12/76	144.00
10/01/76	142.70
04/07/77	142.50
10/14/77	141.30
04/09/79	144.40
10/29/79	144.30
05/06/80	144.50
10/03/80	143.00
04/21/81	142.60
10/15/81	141.00
04/26/82	141.00
11/15/82	139.60
04/27/83	142.60
10/14/83	143.30
04/08/85	127.70
10/03/85	136.35
04/02/86	135.70
04/06/87	120.20
04/26/88	112.00
10/20/88	
04/14/89	126.00
10/04/89	
04/12/90	120.70
10/03/90	121.60

04/04/91		
10/02/91	128.60	
04/15/92		

12N/35W-29R03 L 02 R 05 C 28 Elev 250.0 (LEVEL_CO)
Currier - Old Spillman

04/25/72	54.70	
10/17/72	46.90	
10/16/73	53.70	
05/01/74	59.90	
11/06/74	48.70	
04/30/75	55.40	
10/15/75	47.00	
04/19/76	48.60	
07/21/76	37.90	
09/04/76	35.00	
04/14/77	49.50	
09/01/77	47.00	
10/17/77	54.00	
05/01/78	58.10	
11/29/78	50.60	
04/10/79	54.20	
10/09/79	50.00	
10/08/80	48.00	
04/24/81	56.50	
12/08/82	50.90	
10/18/83	41.70	
04/08/86	51.10	
10/23/86	39.30	
04/09/87	49.80	
10/15/87	39.00	
04/28/88	34.70	
10/20/88	37.70	
04/18/89	45.70	
10/10/89	29.40	
04/18/90	44.40	
10/11/90		
04/08/91		25.00
10/09/91	42.90	
04/17/92	69.80	

12N/35W-32G01 L 02 R 08 C 27 Elev 198.0 (LEVEL_CO)
Cole - Halcyon

05/17/75	23.00	
10/15/75	21.80	
04/13/76	13.00	
10/04/76	19.00	
04/14/77	15.40	
10/17/77	13.90	
04/28/78	26.50	
11/29/78	22.40	
04/10/79	26.40	
11/01/79	19.20	
05/07/80	23.10	

10/07/80	19.70
04/22/81	25.90
10/21/81	19.30
04/29/82	26.70
05/24/83	27.40
10/28/83	31.00
10/15/84	19.10
04/12/85	25.30
10/18/85	16.60
04/08/86	27.60
10/23/86	21.30
04/09/87	25.90
10/15/87	17.90
04/28/88	23.60
10/20/88	15.30
04/18/89	18.50
10/10/89	13.70
04/18/90	15.50
10/10/90	10.80
04/08/91	16.50
10/09/91	12.70
04/17/92	19.30

12N/35W-32J02 L 02 R 09 C 28 Elev 263.0 (LEVEL_CO)
McCreary - Halcyon

05/12/75	92.40
10/15/75	94.50
04/13/76	87.90
10/04/76	92.50
11/29/78	90.30
04/10/79	87.40
11/01/79	89.60
05/07/80	89.70
04/22/81	89.00
10/21/81	83.50
04/29/82	87.90
05/24/83	86.20
10/28/83	90.70
10/15/84	80.40
04/12/85	90.80
10/18/85	91.40
04/08/86	92.60
10/23/86	93.10
10/15/87	92.50
04/28/88	95.30
08/03/88	84.40
10/20/88	88.30
04/18/89	95.50
10/10/89	90.50
04/18/90	96.10
10/10/90	96.40
04/08/91	95.60
10/09/91	
04/17/92	94.40

12N/36W-36L02 L 02 R 10 C 14 Elev 35.0 (LEVEL_CO)
PSBO-1.2 12N/36W-36L1,2

11/25/75	27.50
01/08/76	28.50
01/14/76	27.97
06/08/76	22.25
05/17/77	21.69
11/07/77	18.80
05/04/78	28.16
12/04/78	25.10
04/16/79	29.54
11/13/79	25.00
12/11/79	25.70
10/20/80	24.60
04/21/81	30.86
10/19/81	23.25
05/04/82	31.88
10/24/84	26.68
04/04/85	30.90
04/27/86	31.44
10/31/86	27.49
04/13/87	31.76
08/05/87	23.60
10/19/87	23.60
04/21/88	26.60
10/25/88	22.02
04/20/89	26.10
10/12/89	21.46
04/24/90	23.61
10/11/90	17.95
04/16/91	24.17
10/11/91	18.20
04/30/92	23.50

12N/35W-33L01 L 02 R 10 C 30 Elev 302.0 (LEVEL_CO)
Johnson - Halcyon

05/03/75	22.90
10/17/75	44.50
04/13/76	31.10
10/04/76	19.00
04/14/77	19.00
10/17/77	14.60
04/28/78	22.00
04/10/79	23.20
11/01/79	18.60
05/07/80	23.50
10/07/80	17.00
04/22/81	17.30
04/29/82	19.20
10/27/83	20.00
10/09/84	16.60
04/12/85	22.60
10/21/85	15.90
04/17/86	23.20

10/22/86	17.70
04/09/87	22.50
10/15/87	15.10
04/28/88	19.70
08/03/88	14.50
10/20/88	12.40
04/18/89	18.50
10/10/89	12.60
04/17/90	16.20
10/11/90	10.00
04/08/91	16.60
10/09/91	5.70
04/21/92	

11N/35W-03B01 L 02 R 12 C 38 Elev 325.0 (LEVEL_CO)
Fitzpatrick - Frankie

11/27/74	101.90
05/01/75	104.80
10/04/76	103.80
04/08/77	103.80
10/14/77	100.40
04/28/78	102.44
04/10/79	102.40
11/01/79	95.00
05/07/80	102.60
04/23/81	99.80
10/21/81	100.90
04/30/82	101.60
04/24/83	102.10
05/24/83	102.10
05/01/85	102.00
04/09/86	47.80
10/22/86	103.10
04/09/87	102.50
10/15/87	101.50
04/28/88	102.50
10/20/88	
10/10/89	99.10
04/17/90	96.20
10/10/90	95.90
04/08/91	95.10
10/09/91	94.60
04/21/92	94.50

11N/35W-02F01 L 02 R 13 C 40 Elev 374.0 (LEVEL_CO)
Mat (Williams - Pomeroy)

11/19/74	41.20
05/08/75	40.70
10/15/75	39.90
04/13/76	41.00
10/01/76	39.60
04/07/77	38.30
10/14/77	38.40
04/27/78	39.40

11/27/78	38.20
04/09/79	38.80
10/31/79	38.40
05/07/80	35.50
10/07/80	38.00
04/27/81	39.00
10/21/81	37.70
05/11/83	39.00
10/27/83	39.00
10/09/84	39.10
04/11/85	40.40
04/08/86	41.20
10/22/86	41.40
04/08/87	40.30
10/14/87	30.00
04/28/88	42.50
10/20/88	38.60
04/18/89	39.40
10/10/89	41.70
04/17/90	38.30
10/10/90	38.50
04/08/91	39.90
10/08/91	41.40
04/17/92	

11N/35W-05G01 L 02 R 14 C 27 Elev 141.0 (LEVEL_CO)
Andrews - Fowler Lane

04/10/73	23.08
05/11/73	29.30
10/16/73	24.30
05/01/74	32.10
11/06/74	27.00
04/30/75	30.80
10/02/75	24.20
04/22/76	26.40
10/05/76	20.00
04/19/77	22.10
10/20/77	16.20
04/21/78	31.90
12/04/78	27.30
04/12/79	33.50
11/02/79	24.00
05/07/80	27.50
04/29/81	31.70
10/19/81	21.30
04/29/82	34.20
11/17/82	29.10
05/24/83	32.17
10/19/83	29.30
10/10/84	24.50
10/16/85	26.90
04/07/86	37.10
10/23/86	29.80
04/08/87	36.60
10/14/87	26.20

04/26/88	30.20
10/24/88	23.90
04/17/89	29.20
10/05/89	23.10
04/13/90	26.00
10/04/90	18.80
04/05/91	29.90
10/03/91	18.80
04/16/92	27.50

11N/35W-02G01 L 02 R 14 C 43 Elev 400.0 (LEVEL_CO)
Smith Observation

11/20/74	301.70
05/08/75	302.00
10/15/75	302.00
04/13/76	302.70
07/21/76	302.50
10/01/76	300.40
04/07/77	302.60
10/14/77	302.70
04/27/78	303.30
11/27/78	303.10
04/09/79	303.20
10/31/79	302.80
05/07/80	303.90
10/07/80	304.00
04/22/81	304.70
10/21/81	304.60
04/29/83	305.50
05/03/83	305.90
10/27/83	305.70
10/09/84	306.40
04/11/85	308.00
10/18/85	309.20
04/04/86	310.10
10/22/86	310.40
04/08/87	310.50
10/15/87	301.70
04/28/88	311.00
10/20/88	311.00
04/18/89	311.10
10/10/89	
04/17/90	310.80
10/10/90	309.10
04/08/91	309.90
10/09/91	308.50
04/17/92	308.25

11N/35W-02G02 L 02 R 14 C 43 Elev 400.0 (LEVEL_CO)
Smith Domestic

11/20/74	170.70
05/08/75	167.50
10/15/75	163.50
04/13/76	170.60

07/21/76	159.70
10/01/76	164.10
04/07/77	150.20
10/14/77	162.50
04/27/78	167.70
11/27/78	164.50
04/09/79	170.30
10/31/79	165.00
05/07/80	166.00
10/07/80	163.00
04/22/81	166.90
10/21/81	164.00
04/29/82	165.80
05/03/83	166.60
10/09/84	176.50
04/04/85	166.60
04/11/85	166.80
10/18/85	159.80
04/04/86	166.60
10/22/86	160.10
04/08/87	163.90
10/15/87	156.60
04/28/88	164.40
10/20/88	159.40
04/18/89	158.60
04/17/90	159.60
10/10/90	157.10
04/08/91	161.20
10/09/91	160.30
04/17/92	162.30

11N/35W-05L01 L 02 R 15 C 26 Elev 122.0 (LEVEL_CO)
Sackman - Hwy #1

04/25/72	14.10
10/07/72	9.60
05/11/73	10.20
10/16/73	14.30
05/01/74	19.60
11/06/74	16.70
04/30/75	17.70
10/02/75	12.50
04/22/76	12.50
07/21/76	1.00
10/05/76	10.70
04/19/77	7.30
10/20/77	4.60
04/21/78	9.90
12/04/78	16.60
04/12/79	20.70
11/02/79	12.90
05/07/80	13.00
10/07/80	10.80
04/23/81	18.50
10/19/81	8.80
04/29/82	20.00

11/17/82	18.50	
05/03/83	22.20	
10/19/83	17.20	
04/17/84	16.30	
10/10/84	11.90	
04/07/86	26.00	
04/08/87	26.10	
10/14/87	12.60	
04/26/88	19.70	
10/24/88	7.10	
04/17/89	12.10	
10/05/89		-27.60
04/13/90	7.00	
10/04/90		
04/05/91	15.00	
10/03/91	2.00	
04/16/92	10.50	

11N/35W-05G02 L 02 R 15 C 27 Elev 135.0 (LEVEL_CO)
White - Fowler Lane

04/30/75	20.90
10/02/75	14.40
04/22/76	13.50
10/05/76	14.00
04/19/77	11.40
10/20/77	8.70
04/21/78	22.40
04/12/79	23.20
11/02/79	16.60
10/07/80	13.30
10/19/81	7.50
04/29/82	22.30
11/17/82	21.30
05/24/83	19.40
10/19/83	20.00
10/10/84	14.60
04/15/85	24.60
10/16/85	16.80
04/07/86	27.00
10/23/86	20.10
04/08/87	22.10
10/14/87	14.40
04/26/88	19.40
10/24/88	11.60
04/17/89	15.00
10/05/89	11.60
04/13/90	11.00
10/04/90	7.20
04/05/91	14.10
10/07/91	6.10
04/16/92	15.40

11N/35W-05R01 L 02 R 17 C 28 Elev 122.0 (LEVEL_CO)
Gates - Callender

02/26/75	6.90
04/22/76	-1.90
10/05/76	-4.70
04/19/77	-7.50
10/20/77	-10.70
04/21/78	5.40
11/02/79	-2.00
05/07/80	-3.00
10/08/80	-5.10
04/23/81	3.70
10/19/81	-7.30
04/29/82	5.20
11/27/82	5.50
05/03/83	10.50
10/19/83	2.55
04/15/85	5.50
10/16/85	-1.50
04/07/86	11.20
10/27/86	2.30
04/09/87	9.10
10/14/87	-3.10
04/26/88	4.40
10/24/88	-6.00
04/17/89	-2.50
10/05/89	-6.10
04/13/90	-6.20
10/04/90	-11.40
04/05/91	0.20
10/03/91	-13.70
04/16/92	-1.90

11N/35W-02N01 L 02 R 17 C 40 Elev 242.0 (LEVEL_CO)
NCSD Black Lake Canyon

11/22/74	36.80
05/01/75	37.00
10/06/76	32.30
04/21/77	31.20
10/21/77	28.20
12/04/78	28.60
04/16/79	29.80
11/05/79	25.70
05/08/80	34.40
04/24/81	28.20
10/19/81	21.90
05/04/82	26.10
05/25/83	25.00
10/01/84	12.20
10/24/84	15.00
04/17/85	22.30
10/17/85	17.30
04/11/86	23.90
10/27/86	18.00
04/13/87	
10/19/87	18.70
04/21/88	21.20

10/21/88	14.20
04/20/89	18.60
10/12/89	13.80
04/24/90	17.90
10/11/90	11.30
04/11/91	17.90
04/20/92	16.90

11N/35W-11B01 L 02 R 17 C 43 Elev 357.0 (LEVEL_CO)
Nasholm - Mesa

04/10/73	7.90
05/02/74	22.30
11/08/74	20.50
05/08/75	20.10
10/06/76	16.00
04/21/77	16.00
10/21/77	13.00
04/28/78	13.30
12/04/78	10.80
04/16/79	11.20
11/05/79	8.80
05/08/80	9.50
10/09/80	9.00
04/24/81	11.20
10/19/81	9.50
05/04/82	10.50
05/25/83	9.30
10/21/83	7.40
04/16/84	16.10
10/12/84	20.00
04/17/85	38.00
10/17/85	33.40
04/17/86	34.20
10/27/86	33.70
04/13/87	34.20
10/19/87	34.20
04/21/88	35.00
10/21/88	32.50
04/20/89	32.90
10/05/89	34.80
04/18/90	32.60
10/11/90	32.00
04/11/91	31.40
04/20/92	24.40

11N/36W-12C03 L 02 R 18 C 14 Elev 35.0 (LEVEL_CO)
PSBO-2.3 11N/36W-12C1-3

12/17/75	28.50
01/08/76	27.00
01/14/76	27.04
05/26/76	32.66
06/08/76	33.88
05/17/77	32.27
11/07/77	28.43

05/04/78	
12/04/78	34.32
04/16/79	
11/13/79	33.55
12/11/79	34.64
10/20/80	33.75
04/21/81	
10/19/81	33.11
05/04/82	
04/22/85	
04/27/86	
10/31/86	
04/13/87	
10/19/87	34.50
04/21/88	
10/25/88	
04/20/89	
10/12/89	31.61
04/24/90	34.49
10/11/90	27.65
04/18/91	33.85
10/11/91	27.17
04/21/92	33.80

11N/35W-09G01 L 02 R 19 C 32 Elev 229.0 (LEVEL_CO)
Plegel (Taylor Farms)

10/11/73	-14.50
05/01/74	23.80
11/07/74	-17.00
05/01/75	16.30
10/05/76	-14.10
04/21/78	6.50
12/04/78	3.70
04/13/79	9.40
04/30/82	19.90
12/08/82	24.00
05/25/83	4.20
10/27/86	17.30
04/08/87	-0.70
04/26/88	8.00
10/28/88	
04/19/89	0.90
10/05/89	
04/13/90	
10/05/90	
04/05/91	

11N/35W-10G01 L 02 R 19 C 38 Elev 340.0 (LEVEL_CO)
BLGC - East

11/18/74	34.00
04/23/76	41.90
10/20/77	50.00
04/21/78	20.00
04/23/81	17.70

12/08/82	32.50
05/03/83	33.80
10/19/83	14.60
10/16/85	50.50
04/11/86	55.00
10/27/86	21.10
04/08/87	25.40
10/15/87	10.50
04/26/88	18.80
10/24/88	8.70
04/18/89	20.30
10/05/89	1.70
04/17/90	11.80
10/25/90	-5.70
04/08/91	5.50
10/07/91	2.60
04/16/92	

11N/35W-09K05 L 02 R 20 C 32 Elev 158.0 (LEVEL_CO)
NCSD Eureka

04/23/81	12.50
10/18/81	1.00
04/30/82	10.80
11/22/82	5.10
10/23/84	0.00
10/27/86	4.70
04/26/88	1.50
10/26/88	-11.00
04/20/89	10.00
09/15/90	-4.00
04/26/91	-2.00
03/27/92	6.00

11N/35W-11J01 L 02 R 20 C 44 Elev 355.0 (LEVEL_CO)
Camacho - Mesa

04/10/73	71.60
05/11/73	75.00
10/16/73	69.50
05/02/74	76.50
11/08/74	74.50
05/01/75	74.40
10/14/75	67.80
04/23/76	71.90
04/27/78	70.80
04/17/79	71.50
11/05/79	68.00
05/08/80	68.00
10/27/83	62.00
10/12/84	62.20
04/17/85	67.30
10/04/85	70.20
04/16/86	73.60
10/27/86	75.50
04/07/87	76.90

10/16/87	77.90
04/21/88	78.30
10/21/88	77.80
04/20/89	80.90
10/05/89	81.90
04/18/90	80.10
10/05/90	83.20
04/09/91	83.60
10/07/91	85.40
04/17/92	86.90

11N/35W-13C01 L 02 R 22 C 47 Elev 335.0 (LEVEL_CO)
ARLT - Pomeroy

04/10/73	46.34
05/11/73	53.00
10/12/73	52.90
05/01/74	53.50
11/08/74	50.50
10/14/75	49.90
04/23/76	57.90
10/06/76	47.90
10/21/77	46.00
04/27/78	48.80
12/05/78	46.60
04/17/79	47.40
05/08/80	45.10
04/24/81	49.30
10/21/81	45.70
05/25/83	47.80
10/21/83	48.00
10/12/84	45.90
10/04/85	47.50
04/17/86	49.60
10/28/86	49.90
04/07/87	51.80
04/21/88	54.80
10/21/88	45.07
04/20/89	
10/05/89	46.80
04/19/90	46.10
04/09/91	47.00
10/07/91	41.00
04/17/92	43.90

11N/35W-13E03 L 02 R 23 C 45 Elev 305.0 (LEVEL_CO)
Kaminaka - North

04/10/73	59.40
05/11/73	66.80
10/12/73	58.00
05/01/74	60.80
11/05/74	57.70
05/01/75	58.00
10/14/75	55.40
04/23/76	50.30

10/06/76	64.20
04/21/77	65.10
10/21/77	51.10
04/27/78	72.00
12/05/78	48.60
04/17/79	70.60
11/05/79	51.50
05/08/80	62.20
10/09/80	49.50
04/24/81	76.60
10/21/81	60.00
05/26/83	68.70
10/21/83	61.00
04/13/84	51.00
10/12/84	64.60
10/04/85	59.00
04/16/86	64.90
10/27/86	66.40
04/07/87	59.40
10/16/87	64.20
04/21/88	52.90
10/21/88	68.40
04/20/89	47.00
10/05/89	64.60
04/18/90	65.80
10/09/90	59.40
04/09/91	65.70
10/07/91	60.00
04/17/92	63.00

11N/35W-16B01 L 02 R 24 C 32 Elev 203.0 (LEVEL_CO)
Withrow - Hwy #1

04/25/72	13.00
10/17/72	17.00
05/11/73	22.20
05/01/74	15.00
11/07/74	11.30
05/01/75	20.90
07/21/76	3.50
10/05/76	15.20
04/19/77	-5.50
10/20/77	5.90
04/24/78	10.00
12/04/78	15.90
04/13/79	23.00
05/08/80	3.40
04/23/81	5.00
04/30/82	24.50
05/24/83	13.30
10/19/83	22.70
10/10/84	12.40
04/16/85	3.00
04/07/86	33.80
10/27/86	22.60
04/08/87	25.90

10/14/87	13.40			
10/21/88				
04/17/89				
04/13/90				
04/05/91				
10/03/91	3.00			
04/16/92				

11N/35W-17E01 L 02 R 25 C 24 Elev 85.0 (LEVEL_CO)
Union Chemical Division

11/02/79	14.70			
05/07/80	14.40			
10/19/83	24.00			
10/15/84	23.50			
04/15/85	22.00			
10/16/85	19.80			
10/24/88				
04/17/89		11.00		
10/05/89	8.30			
04/17/90	9.10			
10/04/90	3.80			
04/05/91				
10/03/91				
04/16/92				

11N/35W-23B01 L 02 R 27 C 43 Elev 275.0 (LEVEL_CO)
Thole - Mesa

10/18/72	26.80			
05/11/73	32.40			
10/12/73	24.50			
11/08/74	30.80			
10/14/75	24.60			
02/23/76	29.20			
10/07/76	35.50			
10/24/77	42.00			
04/27/78	42.30			
12/05/78	33.20			
11/05/79	29.40			
05/08/80	25.40			
10/09/80	22.40			
04/24/81	34.30			
10/21/81	20.30			
05/03/82	36.10			
12/03/82	38.80			
10/25/83	16.80			
10/16/87	25.20			
04/26/88				
10/25/88	18.70			
04/21/89				
10/06/89	13.40			
04/19/90				
10/05/90	10.50			
04/09/91				
10/07/91				

04/17/92	13.40

11N/35W-24D01 L 02 R 27 C 46 Elev 322.0 (LEVEL_CO)
Truegas - Mesa

04/10/73	212.10
05/11/73	140.20
10/12/73	134.50
05/01/74	133.10
11/08/74	131.00
10/14/75	136.10
04/23/76	123.00
10/07/76	133.90
04/21/77	134.70
10/24/77	132.50
04/27/78	132.00
12/05/78	127.90
04/17/79	121.90
11/05/79	122.50
05/08/80	120.40
10/09/80	116.50
10/21/81	115.10
05/03/82	127.10
12/03/82	121.60
05/26/83	107.60
04/16/84	107.70
10/12/84	131.10
04/17/85	122.90
10/10/85	133.30
04/16/86	105.10
10/28/86	124.90
04/09/87	111.80
04/26/88	111.70
10/25/88	
04/21/89	103.10
10/06/89	120.60
04/19/90	134.20
10/05/90	122.60
04/09/91	
10/08/91	116.40
04/17/92	134.00

11N/35W-19C02 L 02 R 29 C 20 Elev 37.0 (LEVEL_CO)
USGS Obs

04/10/73	30.04
05/11/73	28.80
10/11/73	29.30
05/03/74	29.60
11/12/74	28.70
04/30/75	28.30
10/10/75	31.80
04/28/76	30.10
10/07/76	29.10
04/21/77	28.20
10/24/77	28.80

04/27/78	31.50
12/04/78	28.40
04/18/79	29.50
11/06/79	29.50
10/10/80	30.10
04/02/81	30.90
10/20/81	29.70
04/06/82	29.60
12/08/82	29.30
04/27/83	30.80
10/27/83	30.55
04/17/84	30.65
10/10/84	29.43
04/19/85	30.00
10/07/85	29.73
04/09/86	30.94
10/31/86	29.59
04/14/87	29.72
10/19/87	29.04
04/29/88	28.60
10/21/88	29.80
04/19/89	29.92
10/10/89	27.80
04/20/90	28.11
10/09/90	28.61
04/10/91	31.08

11N/34W-19E01 L 02 R 29 C 50 Elev 325.0 (LEVEL_CO)
Cal City Eucalyptus 1

10/31/83	70.00
09/21/85	69.00
10/21/89	54.00
04/14/90	51.00
10/07/90	42.00
04/10/91	54.00
10/14/91	36.00
04/21/92	49.00

11N/35W-20E01 L 02 R 30 C 24 Elev 48.0 (LEVEL_CO)

01/01/72	
01/03/72	
01/24/72	
02/23/72	
03/27/72	
04/01/72	
04/24/72	
05/24/72	
06/26/72	
07/01/72	
07/24/72	
08/22/72	
09/25/72	
10/01/72	

10/23/72
11/28/72
12/26/72
01/24/73
02/21/73
03/26/73
04/24/73
05/24/73
06/25/73
10/03/73
11/27/73
01/01/74
07/01/74
10/15/74
01/20/75
03/25/75
04/01/75
07/01/75
10/29/75
01/20/76
03/31/76
07/22/76
10/06/76
01/06/77
04/04/77
07/05/77
09/30/77
01/04/78
04/05/78
07/10/78
10/04/78
01/08/79
04/09/79
07/10/79
10/09/79
01/20/80
04/15/80
07/10/80
10/15/80
01/15/81
04/03/81
07/05/81
10/02/81
01/07/82
04/15/82
10/10/82
01/15/83
04/15/83
10/15/83
07/15/85
04/23/90
04/03/91

11N/35W-24J01 L 02 R 30 C 49 Elev 310.0 (LEVEL_CO)
Cal City La Serena

10/3 33	57.00
09/21/85	44.00
10/21/89	28.00
04/14/90	33.00
10/07/90	21.00
04/10/91	35.00
10/14/91	17.00
04/21/92	28.00

11N/35W-21K01 L 02 R 31 C 32 Elev 65.0 (LEVEL_CO)
Biaggini-Hwy#1/Oso Flaco

04/10/73	28.22
05/11/73	21.80
05/03/74	22.50
11/12/74	22.10
04/30/75	23.90
10/10/75	15.70
10/07/76	16.90
04/21/77	4.50
10/24/77	-2.20
04/27/78	24.00
12/04/78	21.10
12/06/79	19.50
05/09/80	13.50
10/10/80	15.10
04/20/81	22.90
10/20/81	13.35
04/06/82	25.10
12/08/82	31.90
05/27/83	22.00
04/17/84	22.20
04/19/85	24.00
10/07/85	21.80
04/09/86	44.70
10/31/86	34.50
04/14/87	32.40
10/19/87	26.80
04/29/88	35.20
10/21/88	
04/19/89	
10/11/89	16.20
04/20/90	12.20
10/09/90	7.90
04/10/91	11.80
10/09/91	3.10
04/20/92	13.70

11N/35W-23L01 L 02 R 31 C 41 Elev 282.0 (LEVEL_CO)
Bailey

10/28/88	49.70
04/20/89	40.00
10/06/89	42.10
04/19/90	28.30
10/09/90	33.00

	04/09/91	26.20
	10/07/91	23.50
	04/17/92	27.80

11N/35W-24L01 L 02 R 31 C 47 Elev 325.0 (LEVEL_CO)
Cal City Vista 4 11N/34W-24L01

	04/21/77	63.10
	03/21/80	50.00
	09/09/80	49.00
	04/24/81	
	05/03/82	
	10/31/83	51.00
	09/21/85	55.00
	10/21/88	
	04/24/89	0.00
	10/21/89	-103.00
	04/14/90	1.00
	10/07/90	-2.00
	04/10/91	15.00
	10/14/91	-5.00
	04/21/92	3.00

11N/34W-19L03 L 02 R 32 C 52 Elev 300.0 (LEVEL_CO)
Cal City Vista 3 11N/35W-19L03

	10/31/83	81.00
	09/21/85	65.00
	10/21/89	54.00
	04/14/90	59.00
	10/07/90	28.00
	04/10/91	53.00
	10/14/91	38.00
	04/21/92	48.00

11N/34W-19Q01 L 02 R 32 C 54 Elev 300.0 (LEVEL_CO)
Benny Division

	04/09/73	18.30
	10/11/73	33.00
	05/03/74	42.20
	11/12/74	35.20
	04/29/75	42.70
	10/09/75	42.80
	04/28/76	12.20
	07/22/76	25.80
	10/07/76	28.10
	04/22/77	31.30
	10/24/77	23.40
	04/27/78	38.90
	11/30/78	41.70
	04/17/79	41.70
	11/06/79	33.00
	05/08/80	43.50
	10/09/80	36.50
	04/24/81	51.30

10/21/81	35.30
05/03/82	52.30
12/08/82	44.30
05/22/83	49.80
10/12/84	45.90
04/18/85	60.60
10/17/85	38.10
04/16/86	60.40
10/28/86	46.80
04/09/87	57.90
10/16/87	38.10
04/26/88	45.70
10/25/88	29.00
04/21/89	28.90
10/06/89	25.60
04/19/90	28.80
10/05/90	19.50
04/09/91	28.80
10/08/91	2.60
04/17/92	25.90

11N/35W-29E02 L 02 R 35 C 25 Elev 65.0 (LEVEL_CO)
Pezzoni-Oso Flaco

10/31/86	15.00
04/14/87	32.00
10/19/87	29.00
04/29/88	32.00
10/21/88	16.50
04/19/89	
10/11/89	21.80
04/20/90	18.92
10/09/90	9.40
04/10/91	16.08
10/09/91	15.10
04/20/92	20.30

11N/35W-28F02 L 02 R 36 C 31 Elev 80.0 (LEVEL_CO)

04/10/73	63.90
05/11/73	58.00
10/11/73	58.90
05/03/74	59.50
11/12/74	59.30
04/29/75	57.50
10/10/75	58.10
10/07/76	56.86
10/24/77	50.50
04/27/78	53.80
11/06/79	51.80
05/09/80	51.80
10/10/80	53.70
04/20/81	56.20
10/20/81	56.30
05/06/82	56.40

12/08/82	58.00
05/27/83	59.50
10/27/83	62.00
04/17/84	61.60
10/15/84	62.70
04/19/85	61.90
10/07/85	61.30
04/09/86	63.25
10/31/86	60.45
04/14/87	60.03
10/19/87	59.09
04/28/88	59.24
10/21/88	56.90
04/19/89	56.16
10/11/89	54.48
04/20/90	52.46
10/09/90	50.51
04/10/91	50.85
10/09/91	49.00
04/20/92	50.10

11N/35W-26M03 L 02 R 36 C 40 Elev 110.0 (LEVEL_CO)
Runnels Oso Flaco Lake

10/16/87	46.30
04/29/88	6.00
10/21/88	
04/19/89	
10/11/89	
04/20/90	30.70
10/09/90	
04/10/91	25.30
10/09/91	15.00
04/20/92	

11N/35W-26M02 L 02 R 36 C 40 Elev 110.0 (LEVEL_CO)
Tognazzini - Oso Flaco

10/07/76	37.80
10/24/77	33.70
04/27/78	48.10
11/30/78	41.00
11/06/79	40.50
05/09/80	45.00
05/06/82	54.10
12/08/82	58.50
05/27/83	54.70
04/16/84	66.40
04/18/85	69.00
10/08/85	66.70
04/08/86	65.10
10/31/86	67.20
04/14/87	68.50
10/16/87	63.10
10/21/88	58.20
04/19/89	59.30

10/11/89	53.10
04/20/90	53.80
10/09/90	
04/10/91	50.30
10/09/91	43.70
04/20/92	48.90

11N/35W-33G01 L 02 R 40 C 31 Elev 90.0 (LEVEL_CO)
Division/Railroad

01/01/72	
03/21/72	
04/01/72	
07/01/72	
04/10/73	24.75
04/10/73	
10/03/73	
10/11/73	33.90
01/04/74	
04/10/74	
07/07/74	
10/15/74	
11/12/74	34.40
01/20/75	
03/25/75	
04/01/75	
07/01/75	
10/29/75	
01/14/76	
03/29/76	
07/22/76	
10/06/76	
01/06/77	
04/04/77	
07/05/77	
09/30/77	
01/04/78	
04/05/78	
04/27/78	38.60
07/10/78	
10/04/78	
11/30/78	35.80
01/08/79	
04/09/79	
07/10/79	
10/08/79	
01/20/80	
04/15/80	
07/10/80	
10/10/80	35.90
10/15/80	
01/15/81	
04/03/81	
07/05/81	
10/02/81	
10/20/81	31.85

01/07/82	
04/15/82	
10/10/82	
12/08/82	47.90
01/15/83	
04/15/83	
07/15/83	
10/15/83	
01/15/84	
04/15/84	
07/15/84	
10/07/84	
10/10/84	53.20
01/04/85	
04/07/85	
04/18/85	54.00
07/15/85	
10/07/85	48.90
04/08/86	61.70
04/14/87	49.90
04/29/88	51.60
10/21/88	42.50
04/19/89	
10/11/89	34.20
04/20/90	35.20
04/20/90	
10/09/90	
04/03/91	
04/10/91	
10/09/91	
03/27/92	
04/20/92	

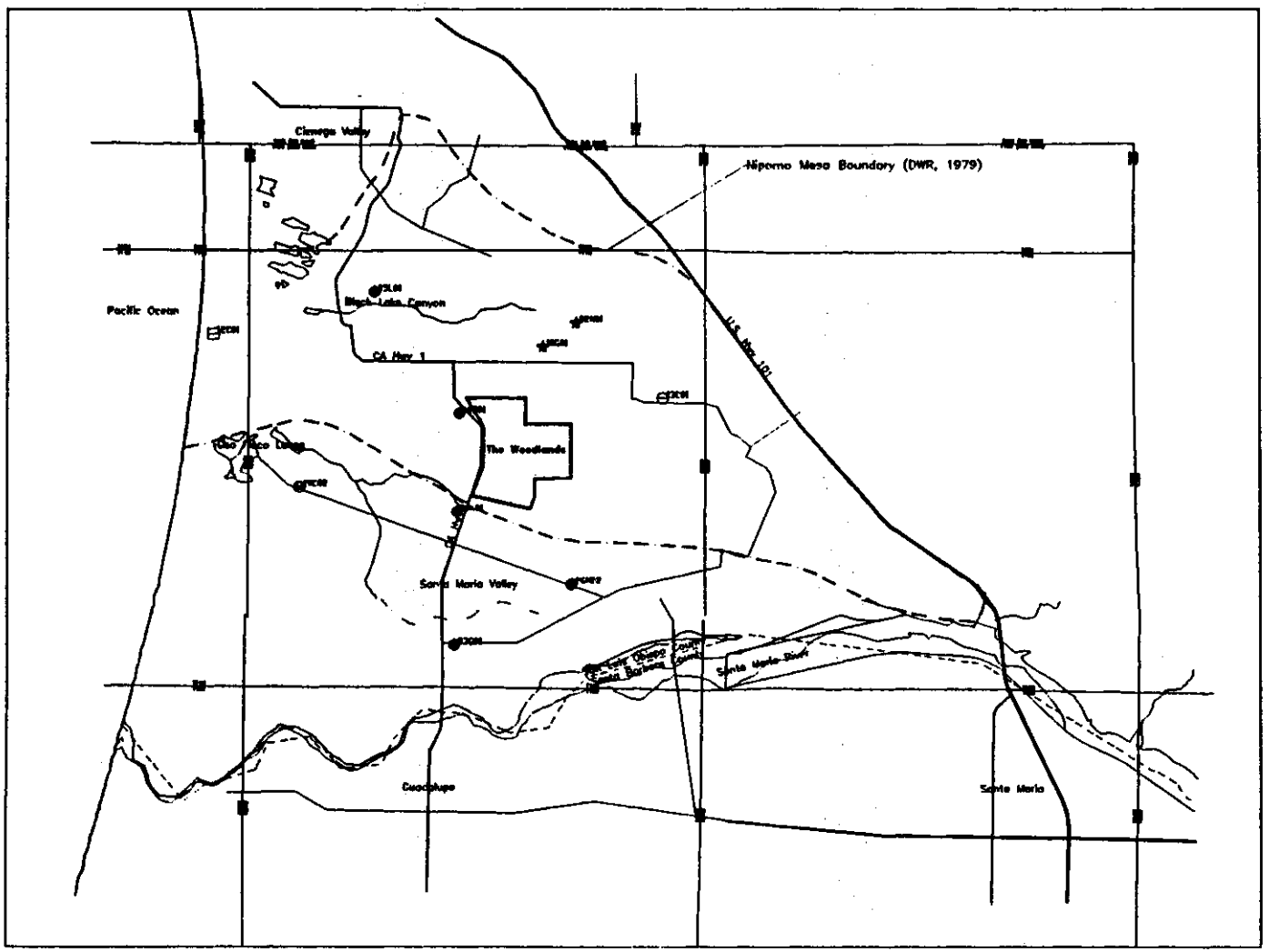
11N/36W-35J02 L 02 R 41 C 10 Elev 30.0 (LEVEL_CO)
GO-2.1 11N/36W-35J2-6

02/23/72	
06/07/72	
06/29/72	
09/20/73	
05/01/75	
07/07/75	
11/14/75	
05/21/76	
05/17/77	
11/07/77	26.24
05/04/78	
11/29/78	
04/16/79	
11/13/79	
05/09/80	
10/10/80	
04/20/81	
10/20/81	
05/06/82	
10/25/83	

04/16/84	
10/29/84	
10/08/85	
11/03/86	
04/14/87	
10/19/87	
04/28/88	
10/21/88	
04/19/89	
10/11/89	
04/24/90	
10/09/90	27.28
04/11/91	
10/11/91	25.38
04/20/92	

11N/36W-35J06 L 02 R 41 C 10 Elev 30.0 (LEVEL_CO)
GO-2.5 11N/36W-35J2-6

02/23/72	22.63
06/29/72	22.29
09/20/73	22.80
06/07/74	24.00
05/01/75	24.00
07/07/75	24.00
05/21/76	23.08
05/17/77	22.70
11/07/77	22.28
05/04/78	24.50
04/16/79	24.44
11/13/79	23.48
05/09/80	24.36
10/10/80	23.48
04/20/81	24.55
10/20/81	23.60
06/06/82	24.52
12/08/82	23.82
10/25/83	25.00
04/16/84	25.18
10/29/84	24.54
10/08/85	23.58
04/15/86	25.10
11/03/86	23.89
04/14/87	
10/19/87	23.91
04/28/88	
10/21/88	23.17
04/19/89	23.26
10/11/89	22.81
04/24/90	22.79
10/09/90	22.44
04/11/91	24.06
10/11/91	22.55
04/20/92	24.89



EXPLANATION

- ☆ Nipomo CSD Wells
- ☆ Black Lake GC Wells
- ● Irrigation Wells assigned to Parcels
- ⊗ Abandoned(?) irrigation wells
- ○ Private Domestic Wells
- □ Monitoring Wells

0 4000 8000 12000 16000
FEET

Figure 20
Simulated Hydrograph Wells

US Industries

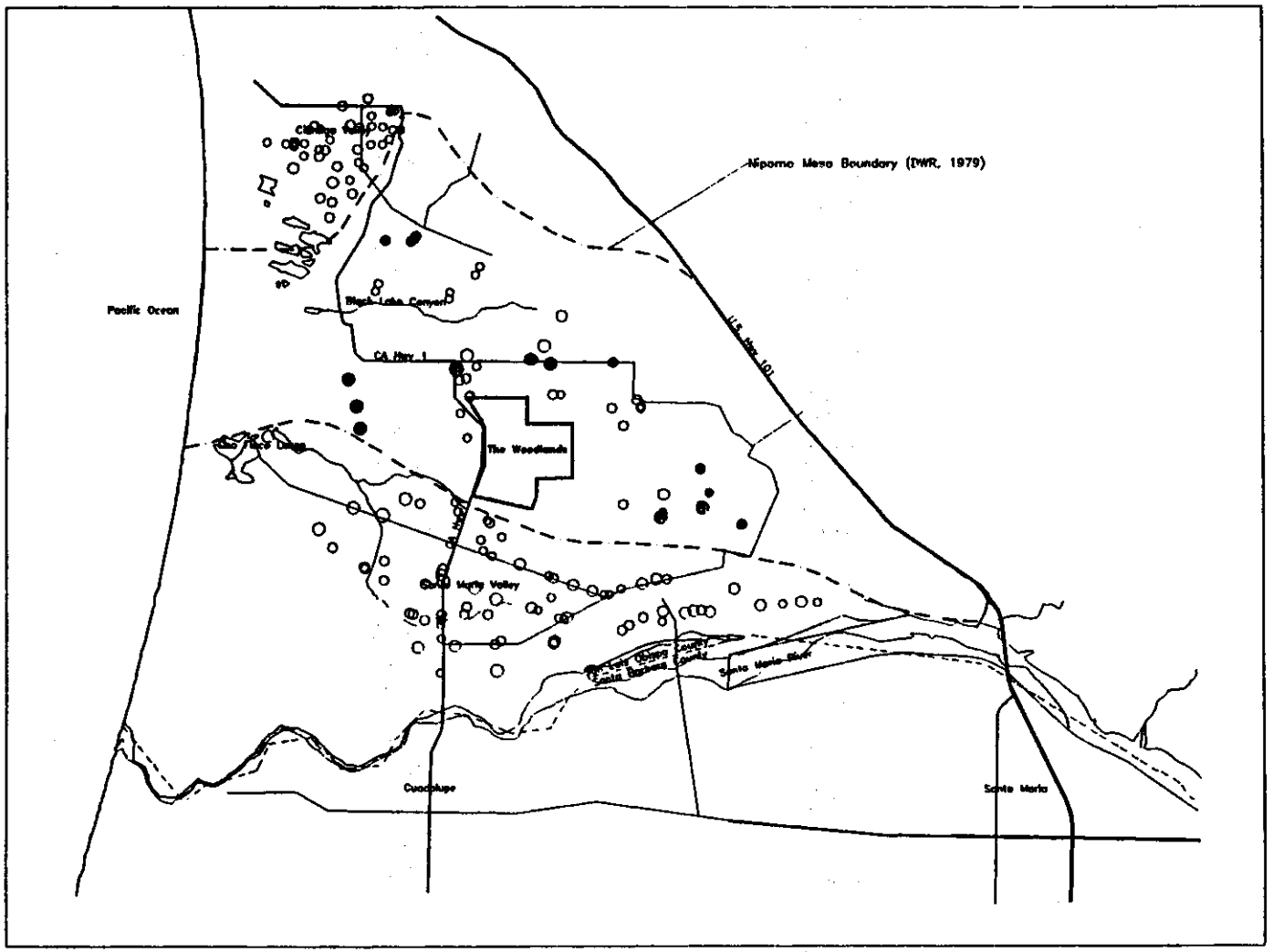
Woodlands Project
Nipomo Mesa

March 28, 1996
CLEATH & ASSOCIATES
HydroGrf.DWG

[redacted]

Attachment E:

Figure 19 (Production)



EXPLANATION

Pumpage (afy)

- 50 - 100
- 100 - 200
- 200 - 500
- 500 - 1000
- 1000 - 2000

Solid symbol indicates municipal or industrial well

0 4000 8000 12000 16000 FEET

Figure 19
High Production Wells

US Industries

Woodlands Project
Nipomo Mesa

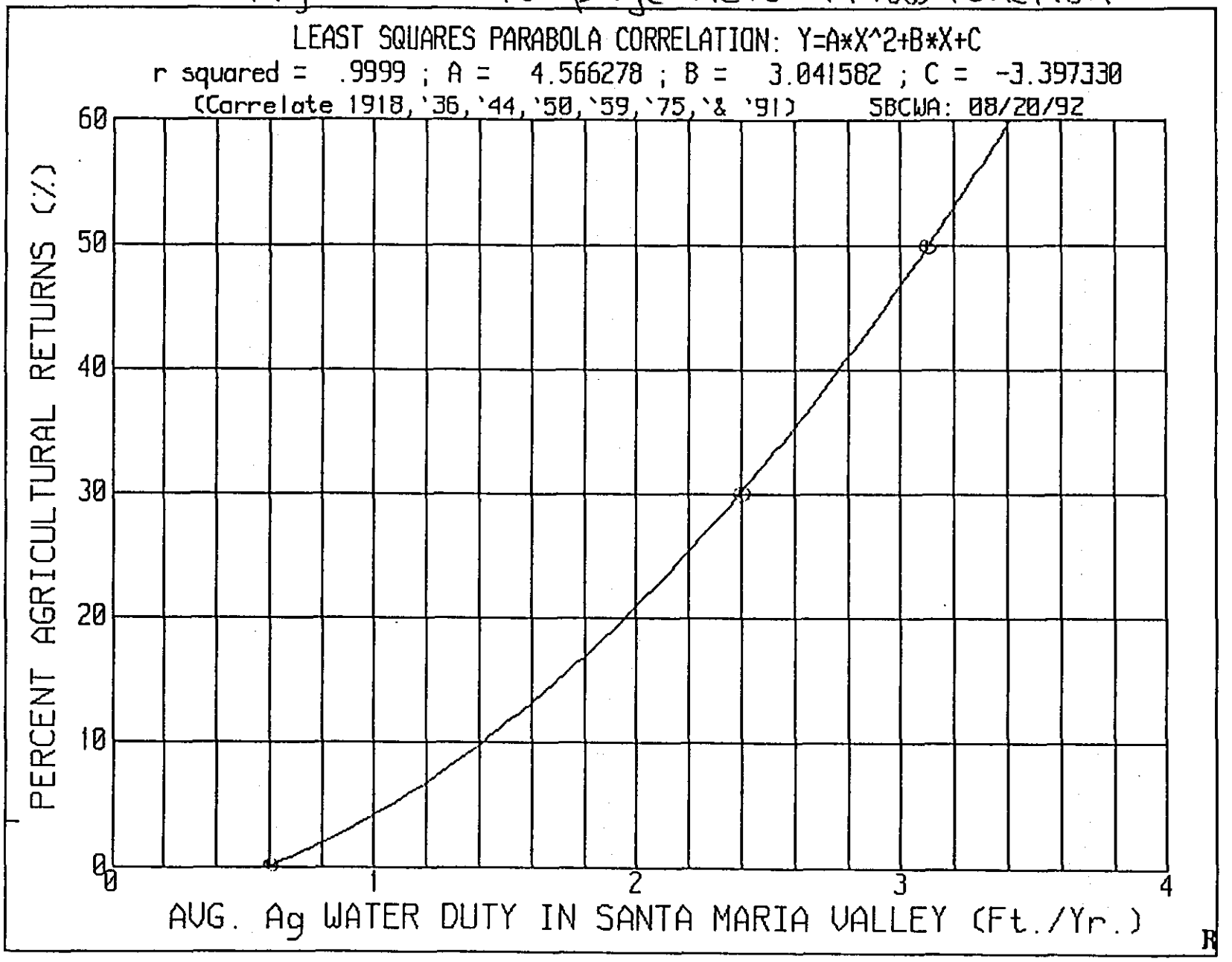
March 28, 1996
CLEATH & ASSOCIATES
PostPump DWG

Attachment F:

Return flow information from Santa Barbara County Water Resources Agency (1992)

Fig. 14

"Agricultural Pumpage Return flow Function"



Attachment G:

Page 34, Water Resources Management Study

Hydrologic Inflow Data Hydrologic inflow to the ground water resources of the model area includes recharge from precipitation, stream flow, surface water storage, irrigation returns, seawater intrusion, ground water flow across the hydraulically upgradient side of the model, and wastewater discharge to land.

General recharge, or recharge applied to an area, results primarily from incident rainfall and return of excess irrigation. This was simulated by assuming that percolation of precipitation over the model grid amounted to approximately 21 percent (%) of rainfall in the Mesa, 14% - 20% in sand dune areas, 14% in the Cienega Valley area, and 10% in the Santa Maria Valley. Note that the model assumption of 21% percolation of precipitation for the Mesa appears to be less than Cleath & Associates' estimate of 25%, however, the model percolation values are calibrated specifically to the Nipomo rain gage station, which has a higher average rainfall (16 inches) than most of the model area (15 inches) and was used for model precipitation input. In addition, a downward adjustment was made in the percolation of precipitation to offset the positive cumulative average departure from rainfall for the period (see Storage Changes Fall 1976- Fall 1992 section). The percolation of precipitation adjustment from 25 % to 21% over the Mesa brings the cumulative departure from average rainfall for the 16-year period to -1.39 inches, or 0.09 inches less rainfall per year than the ideal balance (Appendix A). It was assumed that most of the percolation of precipitation occurred during the wet season, running from November 1 through April 30. Return flows from irrigation are calibrated independently from percolation of precipitation but cover a similar range of values.

Stream flow data is measured in Los Berros Creek by a gage maintained by the County of San Luis Obispo Engineer's office, for which data was available at the time our study for the period from August 1968 through September 1993. Stream flow data for Arroyo Grande Creek is measured in a gage maintained by the United States Geological Survey (USGS), for which data was available at the time of our study from 1940 through September 1993. There is no gaging station data for lower Los Berros Creek or Black Lake Slough. Input data for stream flow for the latter water courses were estimated based on area reconnaissance by Cleath & Associates. Inflow and outflow of ground water from reaches of Los Berros Creek, Arroyo Grande Creek, and Black Lake Slough were calculated by the model based on the permeablities entered and the elevations of the surface and ground water in the boundary cells. Inflow/outflow from the dune lakes was calculated by the model in a similar fashion.

The Santa Maria River was modeled by using a general head boundary several grid cells north of the channel. The elevation of the general head boundary is programmed to fluctuate annually according to the hydrographs of wells adjacent to the river. When simulated ground water levels are above the general head boundary, water flows out of the model toward the river channel. When ground water levels are below the general head boundary, water flows into the model from the river. Seawater intrusion was simulated utilizing constant head boundaries slightly above mean sea level located offshore.

Attachment H:

ZoneBudget Reports