



LRE Water
 909 Colorado Avenue
 Glenwood Springs, CO 81601
 (970)-945-6777 Voice
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Memorandum

To: BWCD BOARD OF DIRECTORS
From: ERIC MANGEOT 
CC: CHRIS GEIGER
Date: JANUARY 16, 2023
File: APPLICATION AND INCLUSION

Applicant Name: Tower 14 Lety Lane, LLC

Type of Use: Domestic Commercial
 Industrial Agricultural

Amount: 2.6 AF 0.100 cfs 45 gpm

Location: Area A A-3 Area B Inclusion
 County: PITKIN Contiguous: (to division boundary)
 BWCD Division: 7

Mid Valley Metro District Notice Required? Yes No

Blue Creek Water Rights Applied? Yes No

02CW77 Umbrella Plan Water Rights Applied? Yes No **Cost:** \$3,750

This application is to cover depletions associated with a single family dwell, ADU, and an accessory bar and bathroom (2.18 EQR total), irrigation (including Bluegrass, Pasture Grass, and Lavender Sprinkler irrigated areas), evaporation from a 1,020 square foot pool, 240 square foot hot tub and 464 square foot cold plunge (including March fill), 1,000 square foot green house, and an equestrian facility including 17,600 square foot arena, 3,850 square foot paddock, and a barn with sink, equipment washing, and horse watering and washing (10 horses total) on a property owned by Tower 14 Lety Lane, LLC (Applicant). Total depletions are 2.6 acre-feet (AF) as shown on the attached engineering tables by LRE and Applicant's engineer (Colorado River Engineering). The Applicant's engineer also provided Glover analysis of the lagging of the depletions.

The property approximately 5.026 acres and is located in the M/B Woody Creek subdivision in the NE1/4 NW1/4 of Section 8, Township 9 South, Range 85 West of the 6th P.M. and need to be included as part of Division 7 of the District The physical address of the property is 176 Lety Lane (Pitkin County Parcel ID 264308200002). A location map of the property is provided as **Figure 1**.

Diversions associated with this contract are to be from two new wells.

- Well No. 1 (replacement well for permit no. 3224880) for indoor uses including pool, hot tub and green house located in the NE1/4 NW1/4 of Section 8, Township 9 South, Range 85 West of the 6th P.M. (UTM NAD 83 Z13: 4350735.0m N, 335350.0m E). The Applicants will need to provide the District with a copy of the -F well permit.
- Well No. 2 for outdoor uses located in the NE1/4 NW1/4 of Section 8, Township 9 South, Range 85 West of the

6th P.M. (UTM NAD 83 Z13: 4350907.6m N, 335449.4m E).

Once obtained, the Applicant shall provide the District with -F well permits.

It is important to also note that Applicant only includes irrigation during the months of August, September, and October. This is due to the only the senior priority of the Walthen Ditch being able to divert in dry years. While the Applicant has shares in various priorities of the Walthen Ditch it does not own water in the senior priority and the prior owner did not receive water in dry years. However, this water allotment contract (if approved) is still subject to the conservation provisions of the contract including possible curtailment of outdoor uses under extreme drought year conditions and/or as river conditions require pursuant to the District's 02CW77 Umbrella Augmentation Plan.

Water User :	Tower 14 Lety Lane, LLC	
Analysis Date :	January 16, 2023	
District Area:	A-3	
Source Series:	4	
Maximum Demand:	45	0.100
	(GPM)	(CFS)

BASALT WATER CONSERVANCY DISTRICT
WATER REQUIREMENTS
(acre feet)

Month	Total Demand						Consumptive Use						(13)* Delayed Depletions	(14) Source of Aug/Replace
	(1) Domestic In-house	(2) Evap.	(3) Irrigation	(4) Greenhouse	(5) Equestrian	(6) TOTAL	(7) Domestic In-house	(8) Evap.	(9) Irrigation	(10) Greenhouse	(11) Eqstrian	(12)* TOTAL		
January	0.073	0.001	0.000	0.029	0.015	0.118	0.011	0.001	0.000	0.029	0.012	0.059	0.093	GNM
February	0.066	0.004	0.000	0.026	0.014	0.109	0.010	0.004	0.000	0.026	0.011	0.056	0.079	GNM
March	0.073	0.178	0.000	0.029	0.016	0.296	0.011	0.178	0.000	0.029	0.013	0.256	0.242	GNM
April	0.070	0.034	0.000	0.028	0.016	0.148	0.011	0.034	0.000	0.028	0.013	0.094	0.101	GNM
May	0.073	0.047	0.000	0.029	0.017	0.165	0.011	0.047	0.000	0.029	0.014	0.112	0.120	GNM
June	0.070	0.058	0.000	0.028	0.019	0.175	0.011	0.058	0.000	0.028	0.015	0.124	0.124	GNM
July	0.073	0.060	0.000	0.029	0.020	0.181	0.011	0.060	0.000	0.029	0.017	0.130	0.124	GNM
August	0.073	0.049	0.876	0.029	0.019	1.045	0.011	0.049	0.701	0.029	0.016	0.895	0.516	GNM
September	0.070	0.041	0.476	0.028	0.017	0.632	0.011	0.041	0.381	0.028	0.014	0.527	0.519	GNM
October	0.073	0.028	0.122	0.029	0.017	0.268	0.011	0.028	0.098	0.029	0.013	0.198	0.342	GNM
November	0.070	0.013	0.000	0.028	0.016	0.126	0.011	0.013	0.000	0.028	0.013	0.071	0.198	GNM
December	0.073	0.002	0.000	0.029	0.015	0.118	0.011	0.002	0.000	0.029	0.012	0.059	0.127	GNM
TOTALS -->	0.854	0.517	1.474	0.336	0.201	3.381	0.128	0.517	1.179	0.336	0.163	2.586	2.586	

Assumptions							
(1)	NUMBER OF RESIDENCES	2		(5)	Equestrian / Arena	0.201	AF
	# persons/residence(s)	7.625		(7)	% CU for Domestic/Commercial	15	
	# gallons/person/day	100					
(2)	Water Feature Evap. Replacement Includes Pools and Hot Tub and Fill in March	0.517	AF	(9)	% Lawn Irrig. Efficiency Consumption of Irrig. (af/ac)	80	0.623
(3)	Sq. Ft. of Lawn Irrigated Lawn Application Rate (af/ac) Hybrid of Blue Grass / Pasture Grass / Lavender	82,470	(1.89 Acres)	(10)	% Green House Efficiency	100	
(4)	1,000 square feet Green House	0.34	AF	(9-10)	Elevation (feet)	6136	

Area A-3
Roaring Fork River
Type A Wells

*(12) Total Includes 5% Transit Loss
10% from Green Mtn.

Table 1
Water Demands

176 Letey Lane
Woody Creek, CO

Month	(1)	(2)	(3)			(4)					(5)		(6)				(7)		(8)		(9)		(10)		(11)		(12)		(13)		(14)		(15)		(16)		(17)		(18)		(19)		(20)		(21)		(22)		(23)		(24)		(25)	
			Domestic Indoor Demand			Pools and Hot Tub		Open Ditch and Retention Pond		Total		Equestrian and Arena Activities		Bluegrass Sprinkler Irrig.		Pasture Grass Sprinkler Irrig.		Lavender Sprinkler Irrig.		Greenhouse		Total		Total Demand																														
			Units (people)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)	(gal)	(af)											
1	Jan	31	7.625	23,638	0.073	457	0.001	0	0.000	457	0.001	4,960	0.015					9,300	0.029	9,300	0.029	38,354	0.118																															
2	Feb	28	7.625	21,350	0.066	1,370	0.004	0	0.000	1,370	0.004	4,480	0.014					8,400	0.026	8,400	0.026	35,600	0.109																															
3	Mar	31	7.625	23,638	0.073	53,967	0.166	4,164	0.013	58,131	0.178	5,277	0.016					9,300	0.029	9,300	0.029	96,346	0.296																															
4	Apr	30	7.625	22,875	0.070	4,111	0.013	6,915	0.021	11,026	0.034	5,276	0.016					9,000	0.028	9,000	0.028	48,176	0.148																															
5	May	31	7.625	23,638	0.073	5,709	0.018	9,604	0.029	15,313	0.047	5,595	0.017					9,300	0.029	9,300	0.029	53,845	0.165																															
6	Jun	30	7.625	22,875	0.070	7,080	0.022	11,909	0.037	18,988	0.058	6,069	0.019					9,000	0.028	9,000	0.028	56,933	0.175																															
7	Jul	31	7.625	23,638	0.073	7,308	0.022	12,293	0.038	19,601	0.060	6,547	0.020					9,300	0.029	9,300	0.029	59,085	0.181																															
8	Aug	31	7.625	23,638	0.073	5,938	0.018	9,988	0.031	15,926	0.049	6,229	0.019	27,792	0.085	132,474	0.407	125,211	0.384	9,300	0.029	294,776	0.905	340,569	1.045																													
9	Sep	30	7.625	22,875	0.070	5,024	0.015	8,451	0.026	13,476	0.041	5,435	0.017	19,277	0.059	69,657	0.214	66,064	0.203	9,000	0.028	163,997	0.503	205,782	0.632																													
10	Oct	31	7.625	23,638	0.073	3,426	0.011	5,762	0.018	9,188	0.028	5,436	0.017	10,699	0.033	14,080	0.043	14,981	0.046	9,300	0.029	49,060	0.151	87,321	0.268																													
11	Nov	30	7.625	22,875	0.070	1,827	0.006	2,356	0.007	4,183	0.013	5,117	0.016					9,000	0.028	9,000	0.028	41,175	0.126																															
12	Dec	31	7.625	23,638	0.073	685	0.002	0	0.000	685	0.002	4,960	0.015					9,300	0.029	9,300	0.029	38,583	0.118																															
Total			278,313	0.854	96,901	0.297	71,442	0.219	168,343	0.517	65,381	0.201	57,767	0.177	216,210	0.664	206,256	0.633	109,500	0.336	589,733	1.810	1,101,770	3.381																														

- (1) Month of year
- (2) Days in month
- (3) x1 7,500 square foot unit with 3.5 people; x1 adjacent dwelling unit with 2.625 people; average of 1.5 people as full time visitors
- (4) Total domestic indoor demand (gallons); assumed 100 gallons per day per person
- (5) Column (4) in acre-feet
- (6) Evaporative loss replacement and a single pool fill in March
 - x1 1,020 sq. ft. pool, x1 240 sq. ft. hot tub, x1 464 sq. ft. cold pool
 - The gross annual evaporation was based on NOAA NWS Atlas Lines, analyzed in GIS.
 - The monthly distribution was taken from Colorado SB 120 guidelines for water bodies above 6,500 feet in elevation.
 - Icing was not considered
 - Total combined volume of the pools and hot tub is 6,848 cu. ft.
- (7) Column (6) in acre-feet
- (8) Evaporative loss replacement
 - 2,900 sq. ft. of water features
 - The gross annual evaporation was based on NOAA NWS Atlas Lines, analyzed in GIS.
 - The monthly distribution was taken from Colorado SB 120 guidelines for water bodies above 6,500 feet in elevation.
 - Icing was considered using Aspen 1 SW weather station from 1980 to 2021 and adjusted for difference in elevation
 - Water features are located along a lateral off of the Walthen Ditch to the irrigation system. Irrigation water can also be supplied by proposed well Aug - Oct. Evaporative depletions will be covered from BWCD contract.
- (9) Column (8) in acre-feet
- (10) Column (6) + Column (8)
- (11) Column (10) in acre-feet
- (12) x10 horses requiring 12 gpd for drinking, 4 gpd for washing
 - 32,500 sq. ft. of arena watering to maintain 6% soil moisture content; assuming 20 gal required per 1,000 sq. ft. to add 1% soil moisture
 - and soil moisture losses are 0.5% in Mar, 0.8% in Apr, 1.0% in May, 2.0% in Jun, 2.5% in Jul, 2.0% in Aug, 1.0% in Sep, 0.8% in Oct, 0.5% in Nov
- (13) Column (12) in acre-feet
- (14) 7,940 sq. ft. of bluegrass sprinkler irrigation; sprinkler 80% efficient; CIR determined following Technical Release No. 21; climate data from Aspen 1 SW; irrigation from wells will only occur Aug - Oct
- (15) Column (14) in acre-feet
- (16) 41,725 sq. ft. of pasture grass sprinkler irrigation; sprinkler 80% efficient; CIR determined following Technical Release No. 21; climate data from Aspen 1 SW; irrigation from wells will only occur Aug - Oct
- (17) Column (16) in acre-feet
- (18) 32,805 sq. ft. of lavender sprinkler irrigation; sprinkler 80% efficient; CIR determined following Technical Release No. 21; climate data from Aspen 1 SW; irrigation from wells will only occur Aug - Oct
 - Alfalfa crop coefficients used
- (19) Column (18) in acre-feet
- (20) x1 1,000 sq. ft. greenhouse requiring 0.3 gpd per sq. ft.
- (21) Column (20) in acre-feet
- (22) Sum of Columns (14), (16), (18), and (20)
- (23) Column (22) in acre-feet
- (24) Sum of Columns (4), (10), (12), (22)
- (25) Column (24) in acre-feet



Table 2
Consumptive Water Demands

176 Letey Lane
Woody Creek, CO

(1)	(2)	(3) Demand					(3) Consumptive Demand					
		(4) Domestic Indoor (af)	(4) Water Features (af)	(5) Equestrian (af)	(6) Irrigation (af)	(7) Total (af)	(8) Domestic Indoor (af)	(9) Water Features (af)	(10) Equestrian (af)	(11) Irrigation (af)	(12) Total (af)	
Month												
1	Jan	31	0.073	0.001	0.015	0.029	0.118	0.011	0.001	0.012	0.029	0.053
2	Feb	28	0.066	0.004	0.014	0.026	0.109	0.010	0.004	0.011	0.026	0.051
3	Mar	31	0.073	0.178	0.016	0.029	0.296	0.011	0.178	0.013	0.029	0.231
4	Apr	30	0.070	0.034	0.016	0.028	0.148	0.011	0.034	0.013	0.028	0.085
5	May	31	0.073	0.047	0.017	0.029	0.165	0.011	0.047	0.014	0.029	0.100
6	Jun	30	0.070	0.058	0.019	0.028	0.175	0.011	0.058	0.015	0.028	0.112
7	Jul	31	0.073	0.060	0.020	0.029	0.181	0.011	0.060	0.017	0.029	0.116
8	Aug	31	0.073	0.049	0.019	0.905	1.045	0.011	0.049	0.016	0.729	0.805
9	Sep	30	0.070	0.041	0.017	0.503	0.632	0.011	0.041	0.014	0.408	0.474
10	Oct	31	0.073	0.028	0.017	0.151	0.268	0.011	0.028	0.013	0.126	0.179
11	Nov	30	0.070	0.013	0.016	0.028	0.126	0.011	0.013	0.013	0.028	0.064
12	Dec	31	0.073	0.002	0.015	0.029	0.118	0.011	0.002	0.012	0.029	0.054
Total			0.854	0.517	0.201	1.810	3.381	0.128	0.517	0.163	1.515	2.322

- (1) Month of year
- (2) Days in month
- (3) x1 7,500 square foot unit with 3.5 people; x1 adjacent dwelling unit with 2.625 people; average of 1.5 people as full time visitors
- (4) Evaporative loss replacement and a single pool fill in March
 x1 1,020 sq. ft. pool, x1 240 sq. ft. hot tub, x1 464 sq. ft. cold pool
 2,900 sq. ft. of irrigation lateral water features
 The gross annual evaporation was based on NOAA NWS Atlas Lines, analyzed in GIS.
 The monthly distribution was taken from Colorado SB 120 guidelines for water bodies above 6,500 feet in elevation.
 Icing was not considered for pool and hot tub features
 Total combined volume of the pools and hot tub is 6,848 cu. ft.
- (5) x4 horses requiring 12 gpd for drinking, 4 gpd for washing
 32,500 sq. ft. of arena watering to maintain 6% soil moisture content; assuming 20 gal required per 1,000 sq. ft. to add 1% soil moisture, and
 and soil moisture losses are 0.5% in Mar, 0.8% in Apr, 1.0% in May, 2.0% in Jun, 2.5% in Jul, 2.0% in Aug, 1.0% in Sep, 0.8% in Oct, 0.5% in Nov
- (6) 7,940 sq. ft. of bluegrass irrigation; 41,725 sq. ft. of pasture grass irrigation, 32,805 sq. ft. of lavender irrigation, sprinkler irrigation 80% efficient
 1,000 sq. ft. of greenhouse irrigation
- (7) Total demand
- (8) Domestic indoor demand assumed to be 15% efficient
- (9) Evaporative loss replacement assumed to be 100% efficient
- (10) Equestrian washing assumed to be 15% efficient, remaining activities assumed to be 100% efficient
- (11) Sprinkler irrigation assumed to be 80% efficient
 Greenhouse irrigation assumed to be 100% efficient
- (12) Total consumptive use demand



Table 3
Total Roaring Fork River Depletions

176 Letey Lane
Woody Creek, CO

Month	(1)	(2)	(3)		(4)	(5)	(6)	(7)
			Depletions		Accretions		Total River Depletions	
			New Well Pumping (af)	Existing Well Pumping (af)	OWTS System (af)	Irrigation and Equestrian (af)		
1	Jan	31	0.053	0.102	0.062	0.009	0.084	
2	Feb	28	0.035	0.097	0.056	0.005	0.071	
3	Mar	31	0.030	0.254	0.061	0.004	0.218	
4	Apr	30	0.037	0.117	0.060	0.004	0.091	
5	May	31	0.050	0.119	0.062	0.000	0.108	
6	Jun	30	0.051	0.120	0.060	0.000	0.112	
7	Jul	31	0.052	0.125	0.062	0.003	0.112	
8	Aug	31	0.537	0.117	0.062	0.129	0.464	
9	Sep	30	0.514	0.115	0.060	0.101	0.467	
10	Oct	31	0.300	0.112	0.062	0.043	0.308	
11	Nov	30	0.150	0.104	0.060	0.016	0.178	
12	Dec	31	0.083	0.103	0.062	0.011	0.114	
Total			1.893	1.487	0.726	0.327	2.328**	

(1) Month of year

(2) Days in month

(3) Lagged depletions resulting from new well pumping*
which supplies irrigation (excl. greenhouse), equestrian, and water feature uses

(4) Lagged depletions resulting from existing well pumping*
which supplies greenhouse, indoor, and pool uses

(5) Lagged accretions from indoor return flows*;
water is processed through an onsite wastewater treatment system (OWTS)

(6) Lagged accretions from irrigation and equestrian washing return flows*
from centroid of property

(7) Total net depletions to Roaring Fork River

*Note each Glover analysis assumed that storativity equaled 0.2,
transmissivity equaled 100,000 gallons per day per foot,
following Case No. 02CW0077

**The reported net river depletion differs by less than 0.01 acft from the
consumptive demand reported in Table 2 due to Glover analysis model rounding and noise

TABLE 4A

Title: **176 Lezey Lane CIR Analysis -Bluegrass**

Crop Consumptive Use Estimate, Modified Blaney-Criddle methodology (S.C.S. Technical Release 21)

enter data in shaded cells

Crop = BLUEGRASS (utilizes Pochop Borelli & Burman's temperature and growth stage coefficients and elevation factors)

Climate Data source: **Aspen 1 SW - See 'Aspen 1 SW' tab**

	Month #	Day #	Date	Month	Temp (°F)	Precip. (in.)
Start of Growing Season =	3	27	86	Jan	25.5	1.86
End of Growing Season =	11	25	329	Feb	28.4	2.14
Season Length (inclusive) =	244 days			Mar	36.0	2.61
				Apr	42.9	2.56
Latitude (deg.min) =	39.39	39.64 Decimal Degrees		May	51.8	2.15
				Jun	60.9	1.19
Depth of Application (in) =	1			Jul	66.2	1.94
				Aug	64.6	1.71
Elevation (ft) =	6540			Sep	57.8	1.90
Elevation Factor =	1.06	(+2.865% per 1,000 ft above 4,429 ft)		Oct	46.9	1.96
				Nov	35.3	2.25
				Dec	25.5	2.13
				Annual		24.40

Growing Period	Avg. Period Temp (°F)	% Daylight	(t*p)/100	Kt	Growth Stage Coefficient Kc	Consumptive Crop Demand (in.)	Period Precip. (in.)	Period Effective Precip. (in.)	Consumptive Irrigation Requirement (in.)	Consumptive Irrigation Requirement (ft.)
Jan										
Feb										
Mar	39.0	1.41	0.55	0.78		0.00	0.42	0.18	0.00	0.00
Apr	42.9	8.96	3.85	0.79	0.97	3.13	2.56	1.31	1.82	0.15
May	51.8	10.01	5.19	0.82	1.00	4.51	2.15	1.21	3.30	0.27
Jun	60.9	10.02	6.10	0.85	1.10	6.05	1.19	0.76	5.29	0.44
Jul	66.2	10.19	6.75	0.87	1.06	6.58	1.94	1.24	5.34	0.44
Aug	64.6	9.56	6.18	0.86	0.98	5.53	1.71	1.04	4.49	0.37
Sep	57.8	8.37	4.84	0.84	0.97	4.18	1.90	1.06	3.12	0.26
Oct	46.9	7.69	3.61	0.80	0.89	2.74	1.96	1.01	1.73	0.14
Nov	36.3	5.64	2.04	0.77		0.00	1.88	0.83	0.00	0.00
Dec										
Annual						32.71	15.71	8.64	25.08	2.09

TABLE 4B

Title: **176 Lezey Lane CIR Analysis - Alfalfa**

Crop Consumptive Use Estimate, Modified Blaney-Criddle methodology (S.C.S. Technical Release 21)

enter data in shaded cells

Climate Data source: **Aspen 1 SW - See 'Aspen 1 SW' tab**

Crop # and Name = **1** ALFALFA

Month # Day # Date

Start of Growing Season = **4** **25** 115

End of Growing Season = **10** **16** 289

Season Length (inclusive) = **175** days

Latitude (deg.min) = **39.17** 39.2913 Decimal Degrees

Depth of Application (in) = **3**

Elevation (ft) = **7200**

NRCS Elevation factor = **1.22** (+10% per 1,000 meters above sea level)

Elevation Factor to Use = **1.2**

Month	Temp (°F)	Precip. (in)
Jan	25.5	1.86
Feb	28.4	2.14
Mar	36.0	2.61
Apr	42.9	2.56
May	51.8	2.15
Jun	60.9	1.19
Jul	66.2	1.94
Aug	64.6	1.71
Sep	57.8	1.90
Oct	46.9	1.96
Nov	35.3	2.25
Dec	25.5	2.13
Annual		24.40

Growing Period	Avg. Period Temp (°F)	% Daylight	(t*p)/100	Kt	Growth Stage Coefficient Kc	Consumptive Crop Demand (in.)	Period Precip. (in.)	Period Effective Precip. (in.)	Consumptive Irrigation Requirement (in.)	Consumptive Irrigation Requirement (ft.)
Jan										
Feb										
Mar										
Apr	46.4	1.86	0.86	0.49	1.03	0.52	0.51	0.30	0.22	0.02
May	51.8	9.99	5.18	0.58	1.08	3.91	2.15	1.51	2.39	0.20
Jun	60.9	9.99	6.09	0.74	1.13	6.11	1.19	0.99	5.12	0.43
Jul	66.2	10.17	6.73	0.83	1.11	7.46	1.94	1.68	5.77	0.48
Aug	64.6	9.54	6.17	0.80	1.06	6.30	1.71	1.41	4.90	0.41
Sep	57.8	8.36	4.84	0.69	0.99	3.94	1.90	1.36	2.58	0.22
Oct	49.6	4.09	2.03	0.54	0.93	1.23	1.01	0.64	0.59	0.05
Nov										
Dec										
Annual						29.46	10.41	7.90	21.57	1.80

TABLE 4C

Title: **176 Lezey Lane CIR Analysis - Pasture Grass**

Crop Consumptive Use Estimate, Modified Blaney-Criddle methodology (S.C.S. Technical Release 21)

enter data in shaded cells

Climate Data source: **Aspen 1 SW - See 'Aspen 1 SW' tab**

Crop # and Name = **7 PASTURE GRASS**

	Month #	Day #	Date
Start of Growing Season =	4	25	115
End of Growing Season =	10	16	289
Season Length (inclusive) =	175	days	

Month	Temp (°F)	Precip. (in)
Jan	25.5	1.86
Feb	28.4	2.14
Mar	36.0	2.61
Apr	42.9	2.56
May	51.8	2.15
Jun	60.9	1.19
Jul	66.2	1.94
Aug	64.6	1.71
Sep	57.8	1.90
Oct	46.9	1.96
Nov	35.3	2.25
Dec	25.5	2.13
Annual		24.40

Latitude (deg.min) = **39.17** 39.2913 Decimal Degrees

Depth of Application (in) = **3**

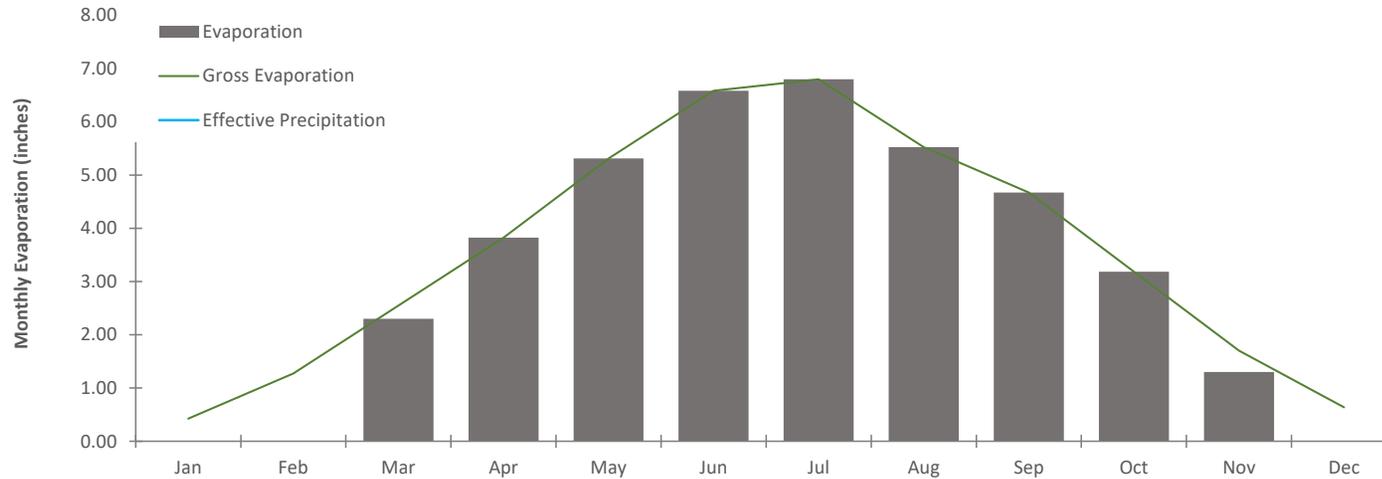
Elevation (ft) = **7200**

NRCS Elevation factor = **1.22** (+10% per 1,000 meters above sea level)

Elevation Factor to Use = **1.2**

Growing Period	Avg. Period Temp (°F)	% Daylight	(t*p)/100	Kt	Growth Stage Coefficient Kc	Consumptive Crop Demand (in.)	Period Precip. (in.)	Period Effective Precip. (in.)	Consumptive Irrigation Requirement (in.)	Consumptive Irrigation Requirement (ft.)
Jan										
Feb										
Mar										
Apr	46.4	1.86	0.86	0.49	0.87	0.44	0.51	0.30	0.14	0.01
May	51.8	9.99	5.18	0.58	0.90	3.26	2.15	1.46	1.79	0.15
Jun	60.9	9.99	6.09	0.74	0.92	4.97	1.19	0.93	4.04	0.34
Jul	66.2	10.17	6.73	0.83	0.92	6.18	1.94	1.57	4.61	0.38
Aug	64.6	9.54	6.17	0.80	0.91	5.41	1.71	1.34	4.07	0.34
Sep	57.8	8.36	4.84	0.69	0.87	3.46	1.90	1.32	2.14	0.18
Oct	49.6	4.09	2.03	0.54	0.81	1.07	1.01	0.64	0.43	0.04
Nov										
Dec										
Annual						24.79	10.41	7.55	17.24	1.44

Table 5
Monthly Evaporation for Free Water Surfaces for 176 Letey Lane



~POND SURFACE AREA (ACRES):

~ELEVATION (FEET):

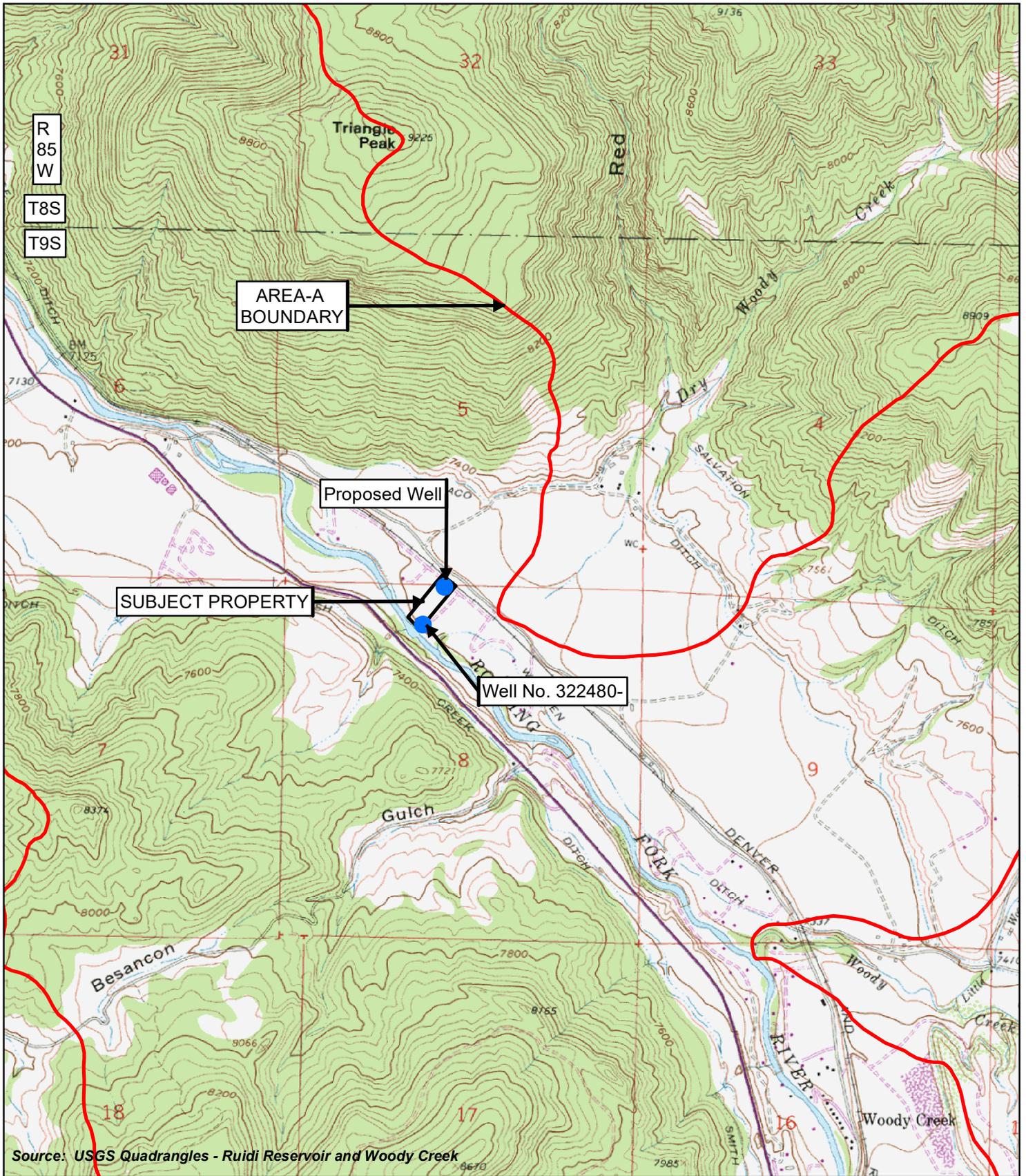
7,200

Reservoir Evaporation

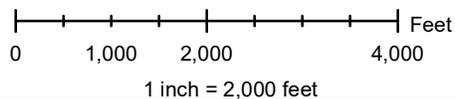
Month	SEO Monthly Distribution	Gross Evaporation (in)	Average Precip. (in)	Effective Precip (in)	% of Month Avg. Temp. < 32 deg F	Evaporation not considering icing		Evaporation considering icing		Monthly Evaporation (AF)
						(in)	(ft)	(in)	(ft)	
1 Jan 31	1.0%	0.43			100.0%	0.43	0.04	0.00	0.00	0.00
2 Feb 28	3.0%	1.28			100.0%	1.28	0.11	0.00	0.00	0.00
3 Mar 31	6.0%	2.55			9.7%	2.55	0.21	2.30	0.19	0.00
4 Apr 30	9.0%	3.83			0.0%	3.83	0.32	3.83	0.32	0.00
5 May 31	12.5%	5.31			0.0%	5.31	0.44	5.31	0.44	0.00
6 Jun 30	15.5%	6.59			0.0%	6.59	0.55	6.59	0.55	0.00
7 Jul 31	16.0%	6.80			0.0%	6.80	0.57	6.80	0.57	0.00
8 Aug 31	13.0%	5.53			0.0%	5.53	0.46	5.53	0.46	0.00
9 Sep 30	11.0%	4.68			0.0%	4.68	0.39	4.68	0.39	0.00
10 Oct 31	7.5%	3.19			0.0%	3.19	0.27	3.19	0.27	0.00
11 Nov 30	4.0%	1.70			23.3%	1.70	0.14	1.30	0.11	0.00
12 Dec 31	1.5%	0.64			100.0%	0.64	0.05	0.00	0.00	0.00
TOTAL	100.0%	42.50				42.50	3.54	39.52	3.29	0.00

Note: The State's monthly distribution was taken from SB 120 guidelines for reservoirs above 6,500 feet in elevation. The gross annual evaporation was based on NOAA NWS Atlas Lines, analyzed in GIS. Water bodies are off-channel; therefore, the effective precipitation was not calculated.*

* The gross annual evaporation can be reduced by the effective precipitation, only if the water body is on-channel. The percent of the month that temperatures are equal to or below 32 degrees Fahrenheit is based on climate data that was collected at the Apen 1 SW weather station from 1980 to 2021 and adjusted for difference in elevation.



**Figure 1: Tower 14 Lety Lane, LLC
Water Allotment Contract Application
Basalt Water Conservation District**



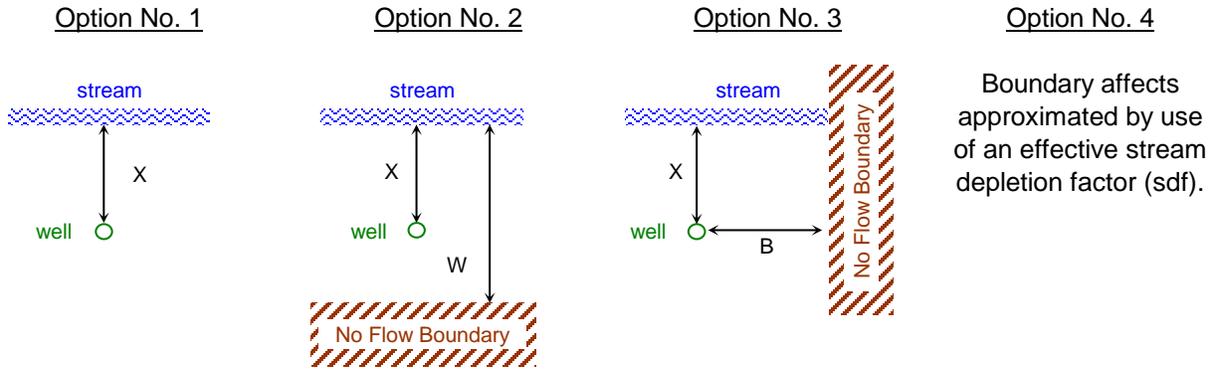
Date: 2023-01-03
File: 20033BWCD1-23(4)
Drawn: MDH
Approved: EFM

Well Pumping Depletion Model (WPDM)

1. Enter Project Description:

176 Letey Ln
 Irrigation Accretions
 From Centroid

2. Select One of the Following Four Aquifer Options:



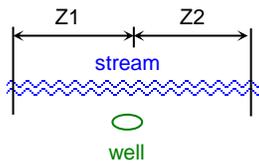
Option No. 2

3. Enter Physical Characteristics:

Clear Data: Click to Clear Data

Aquifer Transmissivity (gpd/ft):	100,000	(Required for Option Nos. 1, 2, or 3 only)
Aquifer Specific Yield:	0.20000	(Required for Option Nos. 1, 2, or 3 only)
Distance X (feet):	414	(Required for Option Nos. 1, 2, or 3 only)
Distance W (feet):	3,212	(Option No. 2 only)
Distance B (feet):		(Option No. 3 only)
sdf:		(Option No. 4 only)

For Option Nos. 1, 2, or 3, do you want to compute depletion for a segment of the stream? No



*Distance Z1 (feet): (enter -99999 for negative infinity)
 *Distance Z2 (feet): (enter 99999 for infinity)

* Z1 can not exceed Z2, and Z2 can not exceed B.

Project Data Summary	
Aquifer Option:	Option No. 2
Transmissivity (gpd/ft):	100,000
Specific Yield:	0.20
Distance X (ft):	414
Distance W (ft):	3,212
Distance B (ft):	0
sdf:	0
Compute Depletion for Stream Segment?:	No
Distance Z1 (ft):	0
Distance Z2 (ft):	0

1. Clear All Previous Pumping Data and Depletion Results (including Item Nos. 3 and 4):

Click to Clear Previous Data & Results

2. Select Time Units:

3) Months

3. Enter Number of Pumping Periods:

720

- Notes: a) Can not be greater than 3,600 periods.
 b) execution time is faster if fewer pumping periods used.

4. Enter Starting Date:

1/1/1950

(e.g., enter 12/01/1950 for December 1, 1950)

5. Pumping Schedule and Depletion Results:

a) Below, enter the Pumping Rate (Col C, yellow cells) corresponding with the associated Pumping Period.

b) Cyclical Data Entry Option (not required):

Enter the number of pumping periods to cycle: 12

Enter the number of cycles: 60

Enter the pumping rates to cycle (Col C, yellow cells).

Click button to cycle data:

Cycle Data

c) After the data have been entered, click on the button below to calculate the resulting stream depletion.

Calculate Stream Depletion

6. Graph:

Select Data to Graph -

6) Volume of Depletion this period

Click Button to Create Graph -

Create Graph

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
1/1/1950	1	0.02	0.00	0.00	0.02	0.00	0.00
2/1/1950	2	0.02	0.00	0.01	0.02	0.00	0.00
3/1/1950	3	0.02	0.00	0.01	0.02	0.01	0.00
4/1/1950	4	0.02	0.00	0.01	0.02	0.01	0.00
5/1/1950	5	0.02	0.00	0.02	0.02	0.01	0.00
6/1/1950	6	0.02	0.00	0.02	0.02	0.02	0.00
7/1/1950	7	0.02	0.00	0.02	0.02	0.02	0.00
8/1/1950	8	1.33	0.18	0.20	1.12	0.15	0.13
9/1/1950	9	0.73	0.10	0.30	0.70	0.25	0.10
10/1/1950	10	0.21	0.03	0.33	0.27	0.29	0.04
11/1/1950	11	0.02	0.00	0.33	0.09	0.31	0.02

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
12/1/1950	12	0.02	0.00	0.33	0.07	0.32	0.01
1/1/1951	13	0.02	0.00	0.34	0.05	0.33	0.01
2/1/1951	14	0.02	0.00	0.34	0.04	0.33	0.01
3/1/1951	15	0.02	0.00	0.34	0.03	0.34	0.00
4/1/1951	16	0.02	0.00	0.35	0.03	0.34	0.00
5/1/1951	17	0.02	0.00	0.35	0.03	0.35	0.00
6/1/1951	18	0.02	0.00	0.35	0.03	0.35	0.00
7/1/1951	19	0.02	0.00	0.35	0.03	0.35	0.00
8/1/1951	20	1.33	0.18	0.53	1.12	0.48	0.13
9/1/1951	21	0.73	0.10	0.63	0.70	0.58	0.10
10/1/1951	22	0.21	0.03	0.66	0.27	0.62	0.04
11/1/1951	23	0.02	0.00	0.66	0.09	0.64	0.02
12/1/1951	24	0.02	0.00	0.67	0.07	0.65	0.01
1/1/1952	25	0.02	0.00	0.67	0.05	0.66	0.01
2/1/1952	26	0.02	0.00	0.67	0.04	0.67	0.01
3/1/1952	27	0.02	0.00	0.67	0.03	0.67	0.00
4/1/1952	28	0.02	0.00	0.68	0.03	0.67	0.00
5/1/1952	29	0.02	0.00	0.68	0.03	0.68	0.00
6/1/1952	30	0.02	0.00	0.68	0.03	0.68	0.00
7/1/1952	31	0.02	0.00	0.69	0.03	0.69	0.00
8/1/1952	32	1.33	0.18	0.87	1.12	0.81	0.13
9/1/1952	33	0.73	0.10	0.96	0.70	0.91	0.10
10/1/1952	34	0.21	0.03	0.99	0.27	0.96	0.04
11/1/1952	35	0.02	0.00	1.00	0.09	0.97	0.02
12/1/1952	36	0.02	0.00	1.00	0.07	0.98	0.01
1/1/1953	37	0.02	0.00	1.00	0.05	0.99	0.01
2/1/1953	38	0.02	0.00	1.00	0.04	1.00	0.01
3/1/1953	39	0.02	0.00	1.01	0.03	1.00	0.00
4/1/1953	40	0.02	0.00	1.01	0.03	1.01	0.00
5/1/1953	41	0.02	0.00	1.01	0.03	1.01	0.00
6/1/1953	42	0.02	0.00	1.02	0.03	1.01	0.00
7/1/1953	43	0.02	0.00	1.02	0.03	1.02	0.00
8/1/1953	44	1.33	0.18	1.20	1.12	1.15	0.13
9/1/1953	45	0.73	0.10	1.30	0.70	1.25	0.10
10/1/1953	46	0.21	0.03	1.32	0.27	1.29	0.04
11/1/1953	47	0.02	0.00	1.33	0.09	1.31	0.02
12/1/1953	48	0.02	0.00	1.33	0.07	1.32	0.01
1/1/1954	49	0.02	0.00	1.33	0.05	1.33	0.01
2/1/1954	50	0.02	0.00	1.34	0.04	1.33	0.01
3/1/1954	51	0.02	0.00	1.34	0.03	1.34	0.00
4/1/1954	52	0.02	0.00	1.34	0.03	1.34	0.00
5/1/1954	53	0.02	0.00	1.35	0.03	1.34	0.00
6/1/1954	54	0.02	0.00	1.35	0.03	1.35	0.00
7/1/1954	55	0.02	0.00	1.35	0.03	1.35	0.00
8/1/1954	56	1.33	0.18	1.53	1.12	1.48	0.13
9/1/1954	57	0.73	0.10	1.63	0.70	1.58	0.10
10/1/1954	58	0.21	0.03	1.66	0.27	1.62	0.04
11/1/1954	59	0.02	0.00	1.66	0.09	1.64	0.02
12/1/1954	60	0.02	0.00	1.66	0.07	1.65	0.01
1/1/1955	61	0.02	0.00	1.67	0.05	1.66	0.01
2/1/1955	62	0.02	0.00	1.67	0.04	1.66	0.01
3/1/1955	63	0.02	0.00	1.67	0.03	1.67	0.00
4/1/1955	64	0.02	0.00	1.68	0.03	1.67	0.00
5/1/1955	65	0.02	0.00	1.68	0.03	1.68	0.00
6/1/1955	66	0.02	0.00	1.68	0.03	1.68	0.00
7/1/1955	67	0.02	0.00	1.69	0.03	1.68	0.00
8/1/1955	68	1.33	0.18	1.86	1.12	1.81	0.13
9/1/1955	69	0.73	0.10	1.96	0.70	1.91	0.10
10/1/1955	70	0.21	0.03	1.99	0.27	1.96	0.04
11/1/1955	71	0.02	0.00	1.99	0.09	1.97	0.02
12/1/1955	72	0.02	0.00	2.00	0.07	1.98	0.01

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
1/1/1956	73	0.02	0.00	2.00	0.05	1.99	0.01
2/1/1956	74	0.02	0.00	2.00	0.04	2.00	0.01
3/1/1956	75	0.02	0.00	2.01	0.03	2.00	0.00
4/1/1956	76	0.02	0.00	2.01	0.03	2.01	0.00
5/1/1956	77	0.02	0.00	2.01	0.03	2.01	0.00
6/1/1956	78	0.02	0.00	2.02	0.03	2.01	0.00
7/1/1956	79	0.02	0.00	2.02	0.03	2.02	0.00
8/1/1956	80	1.33	0.18	2.20	1.12	2.14	0.13
9/1/1956	81	0.73	0.10	2.30	0.70	2.24	0.10
10/1/1956	82	0.21	0.03	2.32	0.27	2.29	0.04
11/1/1956	83	0.02	0.00	2.33	0.09	2.31	0.02
12/1/1956	84	0.02	0.00	2.33	0.07	2.32	0.01
1/1/1957	85	0.02	0.00	2.33	0.05	2.32	0.01
2/1/1957	86	0.02	0.00	2.34	0.04	2.33	0.01
3/1/1957	87	0.02	0.00	2.34	0.03	2.33	0.00
4/1/1957	88	0.02	0.00	2.34	0.03	2.34	0.00
5/1/1957	89	0.02	0.00	2.35	0.03	2.34	0.00
6/1/1957	90	0.02	0.00	2.35	0.03	2.35	0.00
7/1/1957	91	0.02	0.00	2.35	0.03	2.35	0.00
8/1/1957	92	1.33	0.18	2.53	1.12	2.48	0.13
9/1/1957	93	0.73	0.10	2.63	0.70	2.58	0.10
10/1/1957	94	0.21	0.03	2.66	0.27	2.62	0.04
11/1/1957	95	0.02	0.00	2.66	0.09	2.64	0.02
12/1/1957	96	0.02	0.00	2.66	0.07	2.65	0.01
1/1/1958	97	0.02	0.00	2.67	0.05	2.66	0.01
2/1/1958	98	0.02	0.00	2.67	0.04	2.66	0.01
3/1/1958	99	0.02	0.00	2.67	0.03	2.67	0.00
4/1/1958	100	0.02	0.00	2.67	0.03	2.67	0.00
5/1/1958	101	0.02	0.00	2.68	0.03	2.68	0.00
6/1/1958	102	0.02	0.00	2.68	0.03	2.68	0.00
7/1/1958	103	0.02	0.00	2.68	0.03	2.68	0.00
8/1/1958	104	1.33	0.18	2.86	1.12	2.81	0.13
9/1/1958	105	0.73	0.10	2.96	0.70	2.91	0.10
10/1/1958	106	0.21	0.03	2.99	0.27	2.95	0.04
11/1/1958	107	0.02	0.00	2.99	0.09	2.97	0.02
12/1/1958	108	0.02	0.00	3.00	0.07	2.98	0.01
1/1/1959	109	0.02	0.00	3.00	0.05	2.99	0.01
2/1/1959	110	0.02	0.00	3.00	0.04	2.99	0.01
3/1/1959	111	0.02	0.00	3.00	0.03	3.00	0.00
4/1/1959	112	0.02	0.00	3.01	0.03	3.00	0.00
5/1/1959	113	0.02	0.00	3.01	0.03	3.01	0.00
6/1/1959	114	0.02	0.00	3.01	0.03	3.01	0.00
7/1/1959	115	0.02	0.00	3.02	0.03	3.01	0.00
8/1/1959	116	1.33	0.18	3.20	1.12	3.14	0.13
9/1/1959	117	0.73	0.10	3.29	0.70	3.24	0.10
10/1/1959	118	0.21	0.03	3.32	0.27	3.29	0.04
11/1/1959	119	0.02	0.00	3.32	0.09	3.30	0.02
12/1/1959	120	0.02	0.00	3.33	0.07	3.31	0.01
1/1/1960	121	0.02	0.00	3.33	0.05	3.32	0.01
2/1/1960	122	0.02	0.00	3.33	0.04	3.33	0.01
3/1/1960	123	0.02	0.00	3.34	0.03	3.33	0.00
4/1/1960	124	0.02	0.00	3.34	0.03	3.34	0.00
5/1/1960	125	0.02	0.00	3.34	0.03	3.34	0.00
6/1/1960	126	0.02	0.00	3.35	0.03	3.34	0.00
7/1/1960	127	0.02	0.00	3.35	0.03	3.35	0.00
8/1/1960	128	1.33	0.18	3.53	1.12	3.48	0.13
9/1/1960	129	0.73	0.10	3.63	0.70	3.58	0.10
10/1/1960	130	0.21	0.03	3.65	0.27	3.62	0.04
11/1/1960	131	0.02	0.00	3.66	0.09	3.64	0.02
12/1/1960	132	0.02	0.00	3.66	0.07	3.65	0.01
1/1/1961	133	0.02	0.00	3.66	0.05	3.65	0.01

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
2/1/1961	134	0.02	0.00	3.67	0.04	3.66	0.01
3/1/1961	135	0.02	0.00	3.67	0.03	3.67	0.00
4/1/1961	136	0.02	0.00	3.67	0.03	3.67	0.00
5/1/1961	137	0.02	0.00	3.68	0.03	3.67	0.00
6/1/1961	138	0.02	0.00	3.68	0.03	3.68	0.00
7/1/1961	139	0.02	0.00	3.68	0.03	3.68	0.00
8/1/1961	140	1.33	0.18	3.86	1.12	3.81	0.13
9/1/1961	141	0.73	0.10	3.96	0.70	3.91	0.10
10/1/1961	142	0.21	0.03	3.99	0.27	3.95	0.04
11/1/1961	143	0.02	0.00	3.99	0.09	3.97	0.02
12/1/1961	144	0.02	0.00	3.99	0.07	3.98	0.01
1/1/1962	145	0.02	0.00	4.00	0.05	3.99	0.01
2/1/1962	146	0.02	0.00	4.00	0.04	3.99	0.01
3/1/1962	147	0.02	0.00	4.00	0.03	4.00	0.00
4/1/1962	148	0.02	0.00	4.01	0.03	4.00	0.00
5/1/1962	149	0.02	0.00	4.01	0.03	4.01	0.00
6/1/1962	150	0.02	0.00	4.01	0.03	4.01	0.00
7/1/1962	151	0.02	0.00	4.02	0.03	4.01	0.00
8/1/1962	152	1.33	0.18	4.19	1.12	4.14	0.13
9/1/1962	153	0.73	0.10	4.29	0.70	4.24	0.10
10/1/1962	154	0.21	0.03	4.32	0.27	4.29	0.04
11/1/1962	155	0.02	0.00	4.32	0.09	4.30	0.02
12/1/1962	156	0.02	0.00	4.33	0.07	4.31	0.01
1/1/1963	157	0.02	0.00	4.33	0.05	4.32	0.01
2/1/1963	158	0.02	0.00	4.33	0.04	4.33	0.01
3/1/1963	159	0.02	0.00	4.34	0.03	4.33	0.00
4/1/1963	160	0.02	0.00	4.34	0.03	4.34	0.00
5/1/1963	161	0.02	0.00	4.34	0.03	4.34	0.00
6/1/1963	162	0.02	0.00	4.35	0.03	4.34	0.00
7/1/1963	163	0.02	0.00	4.35	0.03	4.35	0.00
8/1/1963	164	1.33	0.18	4.53	1.12	4.47	0.13
9/1/1963	165	0.73	0.10	4.63	0.70	4.57	0.10
10/1/1963	166	0.21	0.03	4.65	0.27	4.62	0.04
11/1/1963	167	0.02	0.00	4.66	0.09	4.64	0.02
12/1/1963	168	0.02	0.00	4.66	0.07	4.65	0.01
1/1/1964	169	0.02	0.00	4.66	0.05	4.65	0.01
2/1/1964	170	0.02	0.00	4.67	0.04	4.66	0.01
3/1/1964	171	0.02	0.00	4.67	0.03	4.66	0.00
4/1/1964	172	0.02	0.00	4.67	0.03	4.67	0.00
5/1/1964	173	0.02	0.00	4.67	0.03	4.67	0.00
6/1/1964	174	0.02	0.00	4.68	0.03	4.68	0.00
7/1/1964	175	0.02	0.00	4.68	0.03	4.68	0.00
8/1/1964	176	1.33	0.18	4.86	1.12	4.81	0.13
9/1/1964	177	0.73	0.10	4.96	0.70	4.91	0.10
10/1/1964	178	0.21	0.03	4.99	0.27	4.95	0.04
11/1/1964	179	0.02	0.00	4.99	0.09	4.97	0.02
12/1/1964	180	0.02	0.00	4.99	0.07	4.98	0.01
1/1/1965	181	0.02	0.00	5.00	0.05	4.99	0.01
2/1/1965	182	0.02	0.00	5.00	0.04	4.99	0.01
3/1/1965	183	0.02	0.00	5.00	0.03	5.00	0.00
4/1/1965	184	0.02	0.00	5.00	0.03	5.00	0.00
5/1/1965	185	0.02	0.00	5.01	0.03	5.00	0.00
6/1/1965	186	0.02	0.00	5.01	0.03	5.01	0.00
7/1/1965	187	0.02	0.00	5.01	0.03	5.01	0.00
8/1/1965	188	1.33	0.18	5.19	1.12	5.14	0.13
9/1/1965	189	0.73	0.10	5.29	0.70	5.24	0.10
10/1/1965	190	0.21	0.03	5.32	0.27	5.28	0.04
11/1/1965	191	0.02	0.00	5.32	0.09	5.30	0.02
12/1/1965	192	0.02	0.00	5.32	0.07	5.31	0.01
1/1/1966	193	0.02	0.00	5.33	0.05	5.32	0.01
2/1/1966	194	0.02	0.00	5.33	0.04	5.32	0.01

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
3/1/1966	195	0.02	0.00	5.33	0.03	5.33	0.00
4/1/1966	196	0.02	0.00	5.34	0.03	5.33	0.00
5/1/1966	197	0.02	0.00	5.34	0.03	5.34	0.00
6/1/1966	198	0.02	0.00	5.34	0.03	5.34	0.00
7/1/1966	199	0.02	0.00	5.35	0.03	5.34	0.00
8/1/1966	200	1.33	0.18	5.53	1.12	5.47	0.13
9/1/1966	201	0.73	0.10	5.62	0.70	5.57	0.10
10/1/1966	202	0.21	0.03	5.65	0.27	5.62	0.04
11/1/1966	203	0.02	0.00	5.65	0.09	5.63	0.02
12/1/1966	204	0.02	0.00	5.66	0.07	5.64	0.01
1/1/1967	205	0.02	0.00	5.66	0.05	5.65	0.01
2/1/1967	206	0.02	0.00	5.66	0.04	5.66	0.01
3/1/1967	207	0.02	0.00	5.67	0.03	5.66	0.00
4/1/1967	208	0.02	0.00	5.67	0.03	5.67	0.00
5/1/1967	209	0.02	0.00	5.67	0.03	5.67	0.00
6/1/1967	210	0.02	0.00	5.68	0.03	5.67	0.00
7/1/1967	211	0.02	0.00	5.68	0.03	5.68	0.00
8/1/1967	212	1.33	0.18	5.86	1.12	5.81	0.13
9/1/1967	213	0.73	0.10	5.96	0.70	5.90	0.10
10/1/1967	214	0.21	0.03	5.98	0.27	5.95	0.04
11/1/1967	215	0.02	0.00	5.99	0.09	5.97	0.02
12/1/1967	216	0.02	0.00	5.99	0.07	5.98	0.01
1/1/1968	217	0.02	0.00	5.99	0.05	5.98	0.01
2/1/1968	218	0.02	0.00	6.00	0.04	5.99	0.01
3/1/1968	219	0.02	0.00	6.00	0.03	5.99	0.00
4/1/1968	220	0.02	0.00	6.00	0.03	6.00	0.00
5/1/1968	221	0.02	0.00	6.01	0.03	6.00	0.00
6/1/1968	222	0.02	0.00	6.01	0.03	6.01	0.00
7/1/1968	223	0.02	0.00	6.01	0.03	6.01	0.00
8/1/1968	224	1.33	0.18	6.19	1.12	6.14	0.13
9/1/1968	225	0.73	0.10	6.29	0.70	6.24	0.10
10/1/1968	226	0.21	0.03	6.32	0.27	6.28	0.04
11/1/1968	227	0.02	0.00	6.32	0.09	6.30	0.02
12/1/1968	228	0.02	0.00	6.32	0.07	6.31	0.01
1/1/1969	229	0.02	0.00	6.33	0.05	6.32	0.01
2/1/1969	230	0.02	0.00	6.33	0.04	6.32	0.01
3/1/1969	231	0.02	0.00	6.33	0.03	6.33	0.00
4/1/1969	232	0.02	0.00	6.34	0.03	6.33	0.00
5/1/1969	233	0.02	0.00	6.34	0.03	6.34	0.00
6/1/1969	234	0.02	0.00	6.34	0.03	6.34	0.00
7/1/1969	235	0.02	0.00	6.35	0.03	6.34	0.00
8/1/1969	236	1.33	0.18	6.52	1.12	6.47	0.13
9/1/1969	237	0.73	0.10	6.62	0.70	6.57	0.10
10/1/1969	238	0.21	0.03	6.65	0.27	6.61	0.04
11/1/1969	239	0.02	0.00	6.65	0.09	6.63	0.02
12/1/1969	240	0.02	0.00	6.66	0.07	6.64	0.01
1/1/1970	241	0.02	0.00	6.66	0.05	6.65	0.01
2/1/1970	242	0.02	0.00	6.66	0.04	6.66	0.01
3/1/1970	243	0.02	0.00	6.67	0.03	6.66	0.00
4/1/1970	244	0.02	0.00	6.67	0.03	6.66	0.00
5/1/1970	245	0.02	0.00	6.67	0.03	6.67	0.00
6/1/1970	246	0.02	0.00	6.67	0.03	6.67	0.00
7/1/1970	247	0.02	0.00	6.68	0.03	6.68	0.00
8/1/1970	248	1.33	0.18	6.86	1.12	6.80	0.13
9/1/1970	249	0.73	0.10	6.95	0.70	6.90	0.10
10/1/1970	250	0.21	0.03	6.98	0.27	6.95	0.04
11/1/1970	251	0.02	0.00	6.99	0.09	6.96	0.02
12/1/1970	252	0.02	0.00	6.99	0.07	6.98	0.01
1/1/1971	253	0.02	0.00	6.99	0.05	6.98	0.01
2/1/1971	254	0.02	0.00	6.99	0.04	6.99	0.01
3/1/1971	255	0.02	0.00	7.00	0.03	6.99	0.00

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
4/1/1971	256	0.02	0.00	7.00	0.03	7.00	0.00
5/1/1971	257	0.02	0.00	7.00	0.03	7.00	0.00
6/1/1971	258	0.02	0.00	7.01	0.03	7.00	0.00
7/1/1971	259	0.02	0.00	7.01	0.03	7.01	0.00
8/1/1971	260	1.33	0.18	7.19	1.12	7.14	0.13
9/1/1971	261	0.73	0.10	7.29	0.70	7.24	0.10
10/1/1971	262	0.21	0.03	7.31	0.27	7.28	0.04
11/1/1971	263	0.02	0.00	7.32	0.09	7.30	0.02
12/1/1971	264	0.02	0.00	7.32	0.07	7.31	0.01
1/1/1972	265	0.02	0.00	7.32	0.05	7.32	0.01
2/1/1972	266	0.02	0.00	7.33	0.04	7.32	0.01
3/1/1972	267	0.02	0.00	7.33	0.03	7.33	0.00
4/1/1972	268	0.02	0.00	7.33	0.03	7.33	0.00
5/1/1972	269	0.02	0.00	7.34	0.03	7.33	0.00
6/1/1972	270	0.02	0.00	7.34	0.03	7.34	0.00
7/1/1972	271	0.02	0.00	7.34	0.03	7.34	0.00
8/1/1972	272	1.33	0.18	7.52	1.12	7.47	0.13
9/1/1972	273	0.73	0.10	7.62	0.70	7.57	0.10
10/1/1972	274	0.21	0.03	7.65	0.27	7.61	0.04
11/1/1972	275	0.02	0.00	7.65	0.09	7.63	0.02
12/1/1972	276	0.02	0.00	7.65	0.07	7.64	0.01
1/1/1973	277	0.02	0.00	7.66	0.05	7.65	0.01
2/1/1973	278	0.02	0.00	7.66	0.04	7.65	0.01
3/1/1973	279	0.02	0.00	7.66	0.03	7.66	0.00
4/1/1973	280	0.02	0.00	7.67	0.03	7.66	0.00
5/1/1973	281	0.02	0.00	7.67	0.03	7.67	0.00
6/1/1973	282	0.02	0.00	7.67	0.03	7.67	0.00
7/1/1973	283	0.02	0.00	7.68	0.03	7.67	0.00
8/1/1973	284	1.33	0.18	7.85	1.12	7.80	0.13
9/1/1973	285	0.73	0.10	7.95	0.70	7.90	0.10
10/1/1973	286	0.21	0.03	7.98	0.27	7.95	0.04
11/1/1973	287	0.02	0.00	7.98	0.09	7.96	0.02
12/1/1973	288	0.02	0.00	7.99	0.07	7.97	0.01
1/1/1974	289	0.02	0.00	7.99	0.05	7.98	0.01
2/1/1974	290	0.02	0.00	7.99	0.04	7.99	0.01
3/1/1974	291	0.02	0.00	8.00	0.03	7.99	0.00
4/1/1974	292	0.02	0.00	8.00	0.03	8.00	0.00
5/1/1974	293	0.02	0.00	8.00	0.03	8.00	0.00
6/1/1974	294	0.02	0.00	8.01	0.03	8.00	0.00
7/1/1974	295	0.02	0.00	8.01	0.03	8.01	0.00
8/1/1974	296	1.33	0.18	8.19	1.12	8.14	0.13
9/1/1974	297	0.73	0.10	8.29	0.70	8.23	0.10
10/1/1974	298	0.21	0.03	8.31	0.27	8.28	0.04
11/1/1974	299	0.02	0.00	8.32	0.09	8.30	0.02
12/1/1974	300	0.02	0.00	8.32	0.07	8.31	0.01
1/1/1975	301	0.02	0.00	8.32	0.05	8.31	0.01
2/1/1975	302	0.02	0.00	8.33	0.04	8.32	0.01
3/1/1975	303	0.02	0.00	8.33	0.03	8.32	0.00
4/1/1975	304	0.02	0.00	8.33	0.03	8.33	0.00
5/1/1975	305	0.02	0.00	8.34	0.03	8.33	0.00
6/1/1975	306	0.02	0.00	8.34	0.03	8.34	0.00
7/1/1975	307	0.02	0.00	8.34	0.03	8.34	0.00
8/1/1975	308	1.33	0.18	8.52	1.12	8.47	0.13
9/1/1975	309	0.73	0.10	8.62	0.70	8.57	0.10
10/1/1975	310	0.21	0.03	8.65	0.27	8.61	0.04
11/1/1975	311	0.02	0.00	8.65	0.09	8.63	0.02
12/1/1975	312	0.02	0.00	8.65	0.07	8.64	0.01
1/1/1976	313	0.02	0.00	8.66	0.05	8.65	0.01
2/1/1976	314	0.02	0.00	8.66	0.04	8.65	0.01
3/1/1976	315	0.02	0.00	8.66	0.03	8.66	0.00
4/1/1976	316	0.02	0.00	8.66	0.03	8.66	0.00

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Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
5/1/1976	317	0.02	0.00	8.67	0.03	8.67	0.00
6/1/1976	318	0.02	0.00	8.67	0.03	8.67	0.00
7/1/1976	319	0.02	0.00	8.67	0.03	8.67	0.00
8/1/1976	320	1.33	0.18	8.85	1.12	8.80	0.13
9/1/1976	321	0.73	0.10	8.95	0.70	8.90	0.10
10/1/1976	322	0.21	0.03	8.98	0.27	8.94	0.04
11/1/1976	323	0.02	0.00	8.98	0.09	8.96	0.02
12/1/1976	324	0.02	0.00	8.99	0.07	8.97	0.01
1/1/1977	325	0.02	0.00	8.99	0.05	8.98	0.01
2/1/1977	326	0.02	0.00	8.99	0.04	8.99	0.01
3/1/1977	327	0.02	0.00	8.99	0.03	8.99	0.00
4/1/1977	328	0.02	0.00	9.00	0.03	8.99	0.00
5/1/1977	329	0.02	0.00	9.00	0.03	9.00	0.00
6/1/1977	330	0.02	0.00	9.00	0.03	9.00	0.00
7/1/1977	331	0.02	0.00	9.01	0.03	9.00	0.00
8/1/1977	332	1.33	0.18	9.19	1.12	9.13	0.13
9/1/1977	333	0.73	0.10	9.28	0.70	9.23	0.10
10/1/1977	334	0.21	0.03	9.31	0.27	9.28	0.04
11/1/1977	335	0.02	0.00	9.31	0.09	9.29	0.02
12/1/1977	336	0.02	0.00	9.32	0.07	9.30	0.01
1/1/1978	337	0.02	0.00	9.32	0.05	9.31	0.01
2/1/1978	338	0.02	0.00	9.32	0.04	9.32	0.01
3/1/1978	339	0.02	0.00	9.33	0.03	9.32	0.00
4/1/1978	340	0.02	0.00	9.33	0.03	9.33	0.00
5/1/1978	341	0.02	0.00	9.33	0.03	9.33	0.00
6/1/1978	342	0.02	0.00	9.34	0.03	9.33	0.00
7/1/1978	343	0.02	0.00	9.34	0.03	9.34	0.00
8/1/1978	344	1.33	0.18	9.52	1.12	9.47	0.13
9/1/1978	345	0.73	0.10	9.62	0.70	9.57	0.10
10/1/1978	346	0.21	0.03	9.64	0.27	9.61	0.04
11/1/1978	347	0.02	0.00	9.65	0.09	9.63	0.02
12/1/1978	348	0.02	0.00	9.65	0.07	9.64	0.01
1/1/1979	349	0.02	0.00	9.65	0.05	9.65	0.01
2/1/1979	350	0.02	0.00	9.66	0.04	9.65	0.01
3/1/1979	351	0.02	0.00	9.66	0.03	9.66	0.00
4/1/1979	352	0.02	0.00	9.66	0.03	9.66	0.00
5/1/1979	353	0.02	0.00	9.67	0.03	9.66	0.00
6/1/1979	354	0.02	0.00	9.67	0.03	9.67	0.00
7/1/1979	355	0.02	0.00	9.67	0.03	9.67	0.00
8/1/1979	356	1.33	0.18	9.85	1.12	9.80	0.13
9/1/1979	357	0.73	0.10	9.95	0.70	9.90	0.10
10/1/1979	358	0.21	0.03	9.98	0.27	9.94	0.04
11/1/1979	359	0.02	0.00	9.98	0.09	9.96	0.02
12/1/1979	360	0.02	0.00	9.98	0.07	9.97	0.01
1/1/1980	361	0.02	0.00	9.99	0.05	9.98	0.01
2/1/1980	362	0.02	0.00	9.99	0.04	9.98	0.01
3/1/1980	363	0.02	0.00	9.99	0.03	9.99	0.00
4/1/1980	364	0.02	0.00	10.00	0.03	9.99	0.00
5/1/1980	365	0.02	0.00	10.00	0.03	10.00	0.00
6/1/1980	366	0.02	0.00	10.00	0.03	10.00	0.00
7/1/1980	367	0.02	0.00	10.01	0.03	10.00	0.00
8/1/1980	368	1.33	0.18	10.18	1.12	10.13	0.13
9/1/1980	369	0.73	0.10	10.28	0.70	10.23	0.10
10/1/1980	370	0.21	0.03	10.31	0.27	10.28	0.04
11/1/1980	371	0.02	0.00	10.31	0.09	10.29	0.02
12/1/1980	372	0.02	0.00	10.32	0.07	10.30	0.01
1/1/1981	373	0.02	0.00	10.32	0.05	10.31	0.01
2/1/1981	374	0.02	0.00	10.32	0.04	10.32	0.01
3/1/1981	375	0.02	0.00	10.33	0.03	10.32	0.00
4/1/1981	376	0.02	0.00	10.33	0.03	10.33	0.00
5/1/1981	377	0.02	0.00	10.33	0.03	10.33	0.00

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6/1/1981	378	0.02	0.00	10.34	0.03	10.33	0.00
7/1/1981	379	0.02	0.00	10.34	0.03	10.34	0.00
8/1/1981	380	1.33	0.18	10.52	1.12	10.46	0.13
9/1/1981	381	0.73	0.10	10.62	0.70	10.56	0.10
10/1/1981	382	0.21	0.03	10.64	0.27	10.61	0.04
11/1/1981	383	0.02	0.00	10.65	0.09	10.63	0.02
12/1/1981	384	0.02	0.00	10.65	0.07	10.64	0.01
1/1/1982	385	0.02	0.00	10.65	0.05	10.64	0.01
2/1/1982	386	0.02	0.00	10.66	0.04	10.65	0.01
3/1/1982	387	0.02	0.00	10.66	0.03	10.65	0.00
4/1/1982	388	0.02	0.00	10.66	0.03	10.66	0.00
5/1/1982	389	0.02	0.00	10.66	0.03	10.66	0.00
6/1/1982	390	0.02	0.00	10.67	0.03	10.67	0.00
7/1/1982	391	0.02	0.00	10.67	0.03	10.67	0.00
8/1/1982	392	1.33	0.18	10.85	1.12	10.80	0.13
9/1/1982	393	0.73	0.10	10.95	0.70	10.90	0.10
10/1/1982	394	0.21	0.03	10.98	0.27	10.94	0.04
11/1/1982	395	0.02	0.00	10.98	0.09	10.96	0.02
12/1/1982	396	0.02	0.00	10.98	0.07	10.97	0.01
1/1/1983	397	0.02	0.00	10.99	0.05	10.98	0.01
2/1/1983	398	0.02	0.00	10.99	0.04	10.98	0.01
3/1/1983	399	0.02	0.00	10.99	0.03	10.99	0.00
4/1/1983	400	0.02	0.00	10.99	0.03	10.99	0.00
5/1/1983	401	0.02	0.00	11.00	0.03	10.99	0.00
6/1/1983	402	0.02	0.00	11.00	0.03	11.00	0.00
7/1/1983	403	0.02	0.00	11.00	0.03	11.00	0.00
8/1/1983	404	1.33	0.18	11.18	1.12	11.13	0.13
9/1/1983	405	0.73	0.10	11.28	0.70	11.23	0.10
10/1/1983	406	0.21	0.03	11.31	0.27	11.27	0.04
11/1/1983	407	0.02	0.00	11.31	0.09	11.29	0.02
12/1/1983	408	0.02	0.00	11.31	0.07	11.30	0.01
1/1/1984	409	0.02	0.00	11.32	0.05	11.31	0.01
2/1/1984	410	0.02	0.00	11.32	0.04	11.31	0.01
3/1/1984	411	0.02	0.00	11.32	0.03	11.32	0.00
4/1/1984	412	0.02	0.00	11.33	0.03	11.32	0.00
5/1/1984	413	0.02	0.00	11.33	0.03	11.33	0.00
6/1/1984	414	0.02	0.00	11.33	0.03	11.33	0.00
7/1/1984	415	0.02	0.00	11.34	0.03	11.33	0.00
8/1/1984	416	1.33	0.18	11.52	1.12	11.46	0.13
9/1/1984	417	0.73	0.10	11.61	0.70	11.56	0.10
10/1/1984	418	0.21	0.03	11.64	0.27	11.61	0.04
11/1/1984	419	0.02	0.00	11.64	0.09	11.62	0.02
12/1/1984	420	0.02	0.00	11.65	0.07	11.63	0.01
1/1/1985	421	0.02	0.00	11.65	0.05	11.64	0.01
2/1/1985	422	0.02	0.00	11.65	0.04	11.65	0.01
3/1/1985	423	0.02	0.00	11.66	0.03	11.65	0.00
4/1/1985	424	0.02	0.00	11.66	0.03	11.66	0.00
5/1/1985	425	0.02	0.00	11.66	0.03	11.66	0.00
6/1/1985	426	0.02	0.00	11.67	0.03	11.66	0.00
7/1/1985	427	0.02	0.00	11.67	0.03	11.67	0.00
8/1/1985	428	1.33	0.18	11.85	1.12	11.80	0.13
9/1/1985	429	0.73	0.10	11.95	0.70	11.90	0.10
10/1/1985	430	0.21	0.03	11.97	0.27	11.94	0.04
11/1/1985	431	0.02	0.00	11.98	0.09	11.96	0.02
12/1/1985	432	0.02	0.00	11.98	0.07	11.97	0.01
1/1/1986	433	0.02	0.00	11.98	0.05	11.98	0.01
2/1/1986	434	0.02	0.00	11.99	0.04	11.98	0.01
3/1/1986	435	0.02	0.00	11.99	0.03	11.98	0.00
4/1/1986	436	0.02	0.00	11.99	0.03	11.99	0.00
5/1/1986	437	0.02	0.00	12.00	0.03	11.99	0.00
6/1/1986	438	0.02	0.00	12.00	0.03	12.00	0.00

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
7/1/1986	439	0.02	0.00	12.00	0.03	12.00	0.00
8/1/1986	440	1.33	0.18	12.18	1.12	12.13	0.13
9/1/1986	441	0.73	0.10	12.28	0.70	12.23	0.10
10/1/1986	442	0.21	0.03	12.31	0.27	12.27	0.04
11/1/1986	443	0.02	0.00	12.31	0.09	12.29	0.02
12/1/1986	444	0.02	0.00	12.31	0.07	12.30	0.01
1/1/1987	445	0.02	0.00	12.32	0.05	12.31	0.01
2/1/1987	446	0.02	0.00	12.32	0.04	12.31	0.01
3/1/1987	447	0.02	0.00	12.32	0.03	12.32	0.00
4/1/1987	448	0.02	0.00	12.33	0.03	12.32	0.00
5/1/1987	449	0.02	0.00	12.33	0.03	12.32	0.00
6/1/1987	450	0.02	0.00	12.33	0.03	12.33	0.00
7/1/1987	451	0.02	0.00	12.34	0.03	12.33	0.00
8/1/1987	452	1.33	0.18	12.51	1.12	12.46	0.13
9/1/1987	453	0.73	0.10	12.61	0.70	12.56	0.10
10/1/1987	454	0.21	0.03	12.64	0.27	12.61	0.04
11/1/1987	455	0.02	0.00	12.64	0.09	12.62	0.02
12/1/1987	456	0.02	0.00	12.65	0.07	12.63	0.01
1/1/1988	457	0.02	0.00	12.65	0.05	12.64	0.01
2/1/1988	458	0.02	0.00	12.65	0.04	12.65	0.01
3/1/1988	459	0.02	0.00	12.66	0.03	12.65	0.00
4/1/1988	460	0.02	0.00	12.66	0.03	12.65	0.00
5/1/1988	461	0.02	0.00	12.66	0.03	12.66	0.00
6/1/1988	462	0.02	0.00	12.66	0.03	12.66	0.00
7/1/1988	463	0.02	0.00	12.67	0.03	12.67	0.00
8/1/1988	464	1.33	0.18	12.85	1.12	12.79	0.13
9/1/1988	465	0.73	0.10	12.94	0.70	12.89	0.10
10/1/1988	466	0.21	0.03	12.97	0.27	12.94	0.04
11/1/1988	467	0.02	0.00	12.98	0.09	12.95	0.02
12/1/1988	468	0.02	0.00	12.98	0.07	12.97	0.01
1/1/1989	469	0.02	0.00	12.98	0.05	12.97	0.01
2/1/1989	470	0.02	0.00	12.98	0.04	12.98	0.01
3/1/1989	471	0.02	0.00	12.99	0.03	12.98	0.00
4/1/1989	472	0.02	0.00	12.99	0.03	12.99	0.00
5/1/1989	473	0.02	0.00	12.99	0.03	12.99	0.00
6/1/1989	474	0.02	0.00	13.00	0.03	12.99	0.00
7/1/1989	475	0.02	0.00	13.00	0.03	13.00	0.00
8/1/1989	476	1.33	0.18	13.18	1.12	13.13	0.13
9/1/1989	477	0.73	0.10	13.28	0.70	13.23	0.10
10/1/1989	478	0.21	0.03	13.31	0.27	13.27	0.04
11/1/1989	479	0.02	0.00	13.31	0.09	13.29	0.02
12/1/1989	480	0.02	0.00	13.31	0.07	13.30	0.01
1/1/1990	481	0.02	0.00	13.31	0.05	13.31	0.01
2/1/1990	482	0.02	0.00	13.32	0.04	13.31	0.01
3/1/1990	483	0.02	0.00	13.32	0.03	13.32	0.00
4/1/1990	484	0.02	0.00	13.32	0.03	13.32	0.00
5/1/1990	485	0.02	0.00	13.33	0.03	13.32	0.00
6/1/1990	486	0.02	0.00	13.33	0.03	13.33	0.00
7/1/1990	487	0.02	0.00	13.33	0.03	13.33	0.00
8/1/1990	488	1.33	0.18	13.51	1.12	13.46	0.13
9/1/1990	489	0.73	0.10	13.61	0.70	13.56	0.10
10/1/1990	490	0.21	0.03	13.64	0.27	13.60	0.04
11/1/1990	491	0.02	0.00	13.64	0.09	13.62	0.02
12/1/1990	492	0.02	0.00	13.64	0.07	13.63	0.01
1/1/1991	493	0.02	0.00	13.65	0.05	13.64	0.01
2/1/1991	494	0.02	0.00	13.65	0.04	13.64	0.01
3/1/1991	495	0.02	0.00	13.65	0.03	13.65	0.00
4/1/1991	496	0.02	0.00	13.66	0.03	13.65	0.00
5/1/1991	497	0.02	0.00	13.66	0.03	13.66	0.00
6/1/1991	498	0.02	0.00	13.66	0.03	13.66	0.00
7/1/1991	499	0.02	0.00	13.67	0.03	13.66	0.00

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
8/1/1991	500	1.33	0.18	13.84	1.12	13.79	0.13
9/1/1991	501	0.73	0.10	13.94	0.70	13.89	0.10
10/1/1991	502	0.21	0.03	13.97	0.27	13.94	0.04
11/1/1991	503	0.02	0.00	13.97	0.09	13.95	0.02
12/1/1991	504	0.02	0.00	13.98	0.07	13.96	0.01
1/1/1992	505	0.02	0.00	13.98	0.05	13.97	0.01
2/1/1992	506	0.02	0.00	13.98	0.04	13.98	0.01
3/1/1992	507	0.02	0.00	13.99	0.03	13.98	0.00
4/1/1992	508	0.02	0.00	13.99	0.03	13.99	0.00
5/1/1992	509	0.02	0.00	13.99	0.03	13.99	0.00
6/1/1992	510	0.02	0.00	14.00	0.03	13.99	0.00
7/1/1992	511	0.02	0.00	14.00	0.03	14.00	0.00
8/1/1992	512	1.33	0.18	14.18	1.12	14.13	0.13
9/1/1992	513	0.73	0.10	14.28	0.70	14.23	0.10
10/1/1992	514	0.21	0.03	14.30	0.27	14.27	0.04
11/1/1992	515	0.02	0.00	14.31	0.09	14.29	0.02
12/1/1992	516	0.02	0.00	14.31	0.07	14.30	0.01
1/1/1993	517	0.02	0.00	14.31	0.05	14.30	0.01
2/1/1993	518	0.02	0.00	14.32	0.04	14.31	0.01
3/1/1993	519	0.02	0.00	14.32	0.03	14.31	0.00
4/1/1993	520	0.02	0.00	14.32	0.03	14.32	0.00
5/1/1993	521	0.02	0.00	14.33	0.03	14.32	0.00
6/1/1993	522	0.02	0.00	14.33	0.03	14.33	0.00
7/1/1993	523	0.02	0.00	14.33	0.03	14.33	0.00
8/1/1993	524	1.33	0.18	14.51	1.12	14.46	0.13
9/1/1993	525	0.73	0.10	14.61	0.70	14.56	0.10
10/1/1993	526	0.21	0.03	14.64	0.27	14.60	0.04
11/1/1993	527	0.02	0.00	14.64	0.09	14.62	0.02
12/1/1993	528	0.02	0.00	14.64	0.07	14.63	0.01
1/1/1994	529	0.02	0.00	14.65	0.05	14.64	0.01
2/1/1994	530	0.02	0.00	14.65	0.04	14.64	0.01
3/1/1994	531	0.02	0.00	14.65	0.03	14.65	0.00
4/1/1994	532	0.02	0.00	14.66	0.03	14.65	0.00
5/1/1994	533	0.02	0.00	14.66	0.03	14.65	0.00
6/1/1994	534	0.02	0.00	14.66	0.03	14.66	0.00
7/1/1994	535	0.02	0.00	14.66	0.03	14.66	0.00
8/1/1994	536	1.33	0.18	14.84	1.12	14.79	0.13
9/1/1994	537	0.73	0.10	14.94	0.70	14.89	0.10
10/1/1994	538	0.21	0.03	14.97	0.27	14.93	0.04
11/1/1994	539	0.02	0.00	14.97	0.09	14.95	0.02
12/1/1994	540	0.02	0.00	14.98	0.07	14.96	0.01
1/1/1995	541	0.02	0.00	14.98	0.05	14.97	0.01
2/1/1995	542	0.02	0.00	14.98	0.04	14.98	0.01
3/1/1995	543	0.02	0.00	14.98	0.03	14.98	0.00
4/1/1995	544	0.02	0.00	14.99	0.03	14.98	0.00
5/1/1995	545	0.02	0.00	14.99	0.03	14.99	0.00
6/1/1995	546	0.02	0.00	14.99	0.03	14.99	0.00
7/1/1995	547	0.02	0.00	15.00	0.03	14.99	0.00
8/1/1995	548	1.33	0.18	15.18	1.12	15.12	0.13
9/1/1995	549	0.73	0.10	15.27	0.70	15.22	0.10
10/1/1995	550	0.21	0.03	15.30	0.27	15.27	0.04
11/1/1995	551	0.02	0.00	15.30	0.09	15.28	0.02
12/1/1995	552	0.02	0.00	15.31	0.07	15.29	0.01
1/1/1996	553	0.02	0.00	15.31	0.05	15.30	0.01
2/1/1996	554	0.02	0.00	15.31	0.04	15.31	0.01
3/1/1996	555	0.02	0.00	15.32	0.03	15.31	0.00
4/1/1996	556	0.02	0.00	15.32	0.03	15.32	0.00
5/1/1996	557	0.02	0.00	15.32	0.03	15.32	0.00
6/1/1996	558	0.02	0.00	15.33	0.03	15.32	0.00
7/1/1996	559	0.02	0.00	15.33	0.03	15.33	0.00
8/1/1996	560	1.33	0.18	15.51	1.12	15.46	0.13

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
9/1/1996	561	0.73	0.10	15.61	0.70	15.56	0.10
10/1/1996	562	0.21	0.03	15.63	0.27	15.60	0.04
11/1/1996	563	0.02	0.00	15.64	0.09	15.62	0.02
12/1/1996	564	0.02	0.00	15.64	0.07	15.63	0.01
1/1/1997	565	0.02	0.00	15.64	0.05	15.64	0.01
2/1/1997	566	0.02	0.00	15.65	0.04	15.64	0.01
3/1/1997	567	0.02	0.00	15.65	0.03	15.65	0.00
4/1/1997	568	0.02	0.00	15.65	0.03	15.65	0.00
5/1/1997	569	0.02	0.00	15.66	0.03	15.65	0.00
6/1/1997	570	0.02	0.00	15.66	0.03	15.66	0.00
7/1/1997	571	0.02	0.00	15.66	0.03	15.66	0.00
8/1/1997	572	1.33	0.18	15.84	1.12	15.79	0.13
9/1/1997	573	0.73	0.10	15.94	0.70	15.89	0.10
10/1/1997	574	0.21	0.03	15.97	0.27	15.93	0.04
11/1/1997	575	0.02	0.00	15.97	0.09	15.95	0.02
12/1/1997	576	0.02	0.00	15.97	0.07	15.96	0.01
1/1/1998	577	0.02	0.00	15.98	0.05	15.97	0.01
2/1/1998	578	0.02	0.00	15.98	0.04	15.97	0.01
3/1/1998	579	0.02	0.00	15.98	0.03	15.98	0.00
4/1/1998	580	0.02	0.00	15.99	0.03	15.98	0.00
5/1/1998	581	0.02	0.00	15.99	0.03	15.99	0.00
6/1/1998	582	0.02	0.00	15.99	0.03	15.99	0.00
7/1/1998	583	0.02	0.00	16.00	0.03	15.99	0.00
8/1/1998	584	1.33	0.18	16.17	1.12	16.12	0.13
9/1/1998	585	0.73	0.10	16.27	0.70	16.22	0.10
10/1/1998	586	0.21	0.03	16.30	0.27	16.27	0.04
11/1/1998	587	0.02	0.00	16.30	0.09	16.28	0.02
12/1/1998	588	0.02	0.00	16.31	0.07	16.29	0.01
1/1/1999	589	0.02	0.00	16.31	0.05	16.30	0.01
2/1/1999	590	0.02	0.00	16.31	0.04	16.31	0.00
3/1/1999	591	0.02	0.00	16.32	0.03	16.31	0.00
4/1/1999	592	0.02	0.00	16.32	0.03	16.32	0.00
5/1/1999	593	0.02	0.00	16.32	0.03	16.32	0.00
6/1/1999	594	0.02	0.00	16.33	0.03	16.32	0.00
7/1/1999	595	0.02	0.00	16.33	0.03	16.33	0.00
8/1/1999	596	1.33	0.18	16.51	1.12	16.45	0.13
9/1/1999	597	0.73	0.10	16.61	0.70	16.56	0.10
10/1/1999	598	0.21	0.03	16.63	0.27	16.60	0.04
11/1/1999	599	0.02	0.00	16.64	0.09	16.62	0.02
12/1/1999	600	0.02	0.00	16.64	0.07	16.63	0.01
1/1/2000	601	0.02	0.00	16.64	0.05	16.63	0.01
2/1/2000	602	0.02	0.00	16.65	0.04	16.64	0.00
3/1/2000	603	0.02	0.00	16.65	0.03	16.64	0.00
4/1/2000	604	0.02	0.00	16.65	0.03	16.65	0.00
5/1/2000	605	0.02	0.00	16.66	0.03	16.65	0.00
6/1/2000	606	0.02	0.00	16.66	0.03	16.65	0.00
7/1/2000	607	0.02	0.00	16.66	0.03	16.66	0.00
8/1/2000	608	1.33	0.18	16.84	1.12	16.79	0.13
9/1/2000	609	0.73	0.10	16.94	0.70	16.89	0.10
10/1/2000	610	0.21	0.03	16.97	0.27	16.93	0.04
11/1/2000	611	0.02	0.00	16.97	0.09	16.95	0.02
12/1/2000	612	0.02	0.00	16.97	0.07	16.96	0.01
1/1/2001	613	0.02	0.00	16.98	0.05	16.97	0.01
2/1/2001	614	0.02	0.00	16.98	0.04	16.97	0.00
3/1/2001	615	0.02	0.00	16.98	0.03	16.98	0.00
4/1/2001	616	0.02	0.00	16.98	0.03	16.98	0.00
5/1/2001	617	0.02	0.00	16.99	0.03	16.98	0.00
6/1/2001	618	0.02	0.00	16.99	0.03	16.99	0.00
7/1/2001	619	0.02	0.00	16.99	0.03	16.99	0.00
8/1/2001	620	1.33	0.18	17.17	1.12	17.12	0.13
9/1/2001	621	0.73	0.10	17.27	0.70	17.22	0.10

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
10/1/2001	622	0.21	0.03	17.30	0.27	17.26	0.04
11/1/2001	623	0.02	0.00	17.30	0.09	17.28	0.02
12/1/2001	624	0.02	0.00	17.30	0.07	17.29	0.01
1/1/2002	625	0.02	0.00	17.31	0.05	17.30	0.01
2/1/2002	626	0.02	0.00	17.31	0.04	17.31	0.00
3/1/2002	627	0.02	0.00	17.31	0.03	17.31	0.00
4/1/2002	628	0.02	0.00	17.32	0.03	17.31	0.00
5/1/2002	629	0.02	0.00	17.32	0.03	17.32	0.00
6/1/2002	630	0.02	0.00	17.32	0.03	17.32	0.00
7/1/2002	631	0.02	0.00	17.33	0.03	17.32	0.00
8/1/2002	632	1.33	0.18	17.51	1.12	17.45	0.13
9/1/2002	633	0.73	0.10	17.60	0.70	17.55	0.10
10/1/2002	634	0.21	0.03	17.63	0.27	17.60	0.04
11/1/2002	635	0.02	0.00	17.63	0.09	17.61	0.02
12/1/2002	636	0.02	0.00	17.64	0.07	17.62	0.01
1/1/2003	637	0.02	0.00	17.64	0.05	17.63	0.01
2/1/2003	638	0.02	0.00	17.64	0.04	17.64	0.00
3/1/2003	639	0.02	0.00	17.65	0.03	17.64	0.00
4/1/2003	640	0.02	0.00	17.65	0.03	17.65	0.00
5/1/2003	641	0.02	0.00	17.65	0.03	17.65	0.00
6/1/2003	642	0.02	0.00	17.66	0.03	17.65	0.00
7/1/2003	643	0.02	0.00	17.66	0.03	17.66	0.00
8/1/2003	644	1.33	0.18	17.84	1.12	17.79	0.13
9/1/2003	645	0.73	0.10	17.94	0.70	17.89	0.10
10/1/2003	646	0.21	0.03	17.96	0.27	17.93	0.04
11/1/2003	647	0.02	0.00	17.97	0.09	17.95	0.02
12/1/2003	648	0.02	0.00	17.97	0.07	17.96	0.01
1/1/2004	649	0.02	0.00	17.97	0.05	17.97	0.01
2/1/2004	650	0.02	0.00	17.98	0.04	17.97	0.00
3/1/2004	651	0.02	0.00	17.98	0.03	17.98	0.00
4/1/2004	652	0.02	0.00	17.98	0.03	17.98	0.00
5/1/2004	653	0.02	0.00	17.99	0.03	17.98	0.00
6/1/2004	654	0.02	0.00	17.99	0.03	17.99	0.00
7/1/2004	655	0.02	0.00	17.99	0.03	17.99	0.00
8/1/2004	656	1.33	0.18	18.17	1.12	18.12	0.13
9/1/2004	657	0.73	0.10	18.27	0.70	18.22	0.10
10/1/2004	658	0.21	0.03	18.30	0.27	18.26	0.04
11/1/2004	659	0.02	0.00	18.30	0.09	18.28	0.02
12/1/2004	660	0.02	0.00	18.30	0.07	18.29	0.01
1/1/2005	661	0.02	0.00	18.31	0.05	18.30	0.01
2/1/2005	662	0.02	0.00	18.31	0.04	18.30	0.01
3/1/2005	663	0.02	0.00	18.31	0.03	18.31	0.00
4/1/2005	664	0.02	0.00	18.32	0.03	18.31	0.00
5/1/2005	665	0.02	0.00	18.32	0.03	18.32	0.00
6/1/2005	666	0.02	0.00	18.32	0.03	18.32	0.00
7/1/2005	667	0.02	0.00	18.33	0.03	18.32	0.00
8/1/2005	668	1.33	0.18	18.50	1.12	18.45	0.13
9/1/2005	669	0.73	0.10	18.60	0.70	18.55	0.10
10/1/2005	670	0.21	0.03	18.63	0.27	18.60	0.04
11/1/2005	671	0.02	0.00	18.63	0.09	18.61	0.02
12/1/2005	672	0.02	0.00	18.64	0.07	18.62	0.01
1/1/2006	673	0.02	0.00	18.64	0.05	18.63	0.01
2/1/2006	674	0.02	0.00	18.64	0.04	18.64	0.01
3/1/2006	675	0.02	0.00	18.65	0.03	18.64	0.00
4/1/2006	676	0.02	0.00	18.65	0.03	18.65	0.00
5/1/2006	677	0.02	0.00	18.65	0.03	18.65	0.00
6/1/2006	678	0.02	0.00	18.65	0.03	18.65	0.00
7/1/2006	679	0.02	0.00	18.66	0.03	18.65	0.00
8/1/2006	680	1.33	0.18	18.84	1.12	18.78	0.13
9/1/2006	681	0.73	0.10	18.93	0.70	18.88	0.10
10/1/2006	682	0.21	0.03	18.96	0.27	18.93	0.04

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
11/1/2006	683	0.02	0.00	18.97	0.09	18.94	0.02
12/1/2006	684	0.02	0.00	18.97	0.07	18.96	0.01
1/1/2007	685	0.02	0.00	18.97	0.05	18.96	0.01
2/1/2007	686	0.02	0.00	18.98	0.04	18.97	0.01
3/1/2007	687	0.02	0.00	18.98	0.03	18.97	0.00
4/1/2007	688	0.02	0.00	18.98	0.03	18.98	0.00
5/1/2007	689	0.02	0.00	18.98	0.03	18.98	0.00
6/1/2007	690	0.02	0.00	18.99	0.03	18.98	0.00
7/1/2007	691	0.02	0.00	18.99	0.03	18.99	0.00
8/1/2007	692	1.33	0.18	19.17	1.12	19.12	0.13
9/1/2007	693	0.73	0.10	19.27	0.70	19.22	0.10
10/1/2007	694	0.21	0.03	19.30	0.27	19.26	0.04
11/1/2007	695	0.02	0.00	19.30	0.09	19.28	0.02
12/1/2007	696	0.02	0.00	19.30	0.07	19.29	0.01
1/1/2008	697	0.02	0.00	19.30	0.05	19.30	0.01
2/1/2008	698	0.02	0.00	19.31	0.04	19.30	0.01
3/1/2008	699	0.02	0.00	19.31	0.03	19.31	0.00
4/1/2008	700	0.02	0.00	19.31	0.03	19.31	0.00
5/1/2008	701	0.02	0.00	19.32	0.03	19.31	0.00
6/1/2008	702	0.02	0.00	19.32	0.03	19.32	0.00
7/1/2008	703	0.02	0.00	19.32	0.03	19.32	0.00
8/1/2008	704	1.33	0.18	19.50	1.12	19.45	0.13
9/1/2008	705	0.73	0.10	19.60	0.70	19.55	0.10
10/1/2008	706	0.21	0.03	19.63	0.27	19.59	0.04
11/1/2008	707	0.02	0.00	19.63	0.09	19.61	0.02
12/1/2008	708	0.02	0.00	19.63	0.07	19.62	0.01
1/1/2009	709	0.02	0.00	19.64	0.05	19.63	0.01
2/1/2009	710	0.02	0.00	19.64	0.04	19.64	0.01
3/1/2009	711	0.02	0.00	19.64	0.03	19.64	0.00
4/1/2009	712	0.02	0.00	19.65	0.03	19.64	0.00
5/1/2009	713	0.02	0.00	19.65	0.03	19.65	0.00
6/1/2009	714	0.02	0.00	19.65	0.03	19.65	0.00
7/1/2009	715	0.02	0.00	19.66	0.03	19.65	0.00
8/1/2009	716	1.33	0.18	19.84	1.12	19.78	0.13
9/1/2009	717	0.73	0.10	19.93	0.70	19.88	0.10
10/1/2009	718	0.21	0.03	19.96	0.27	19.93	0.04
11/1/2009	719	0.02	0.00	19.96	0.09	19.94	0.02
12/1/2009	720	0.02	0.00	19.97	0.07	19.95	0.01

Well Pumping Depletion Model (WPDM)

1. Enter Project Description:

176 Letey Ln
 Existing Well Pumping
 Indoor Demand, Pool Demand, Greenhouse Demand

2. Select One of the Following Four Aquifer Options:

Option No. 1

Option No. 2

Option No. 3

Option No. 4

Boundary affects approximated by use of an effective stream depletion factor (sdf).

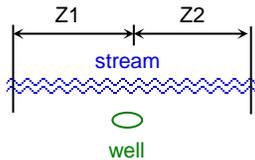
Option No. 2

3. Enter Physical Characteristics:

Clear Data: Click to Clear Data

Aquifer Transmissivity (gpd/ft):	100,000	(Required for Option Nos. 1, 2, or 3 only)
Aquifer Specific Yield:	0.20000	(Required for Option Nos. 1, 2, or 3 only)
Distance X (feet):	97	(Required for Option Nos. 1, 2, or 3 only)
Distance W (feet):	3,113	(Option No. 2 only)
Distance B (feet):		(Option No. 3 only)
sdf:		(Option No. 4 only)

For Option Nos. 1, 2, or 3, do you want to compute depletion for a segment of the stream? No



*Distance Z1 (feet): (enter -99999 for negative infinity)
 *Distance Z2 (feet): (enter 99999 for infinity)

* Z1 can not exceed Z2, and Z2 can not exceed B.

Project Data Summary	
Aquifer Option:	Option No. 2
Transmissivity (gpd/ft):	100,000
Specific Yield:	0.20
Distance X (ft):	97
Distance W (ft):	3,113
Distance B (ft):	0
sdf:	0
Compute Depletion for Stream Segment?:	No
Distance Z1 (ft):	0
Distance Z2 (ft):	0

1. Clear All Previous Pumping Data and Depletion Results (including Item Nos. 3 and 4):

Click to Clear Previous Data & Results

2. Select Time Units:

3) Months

3. Enter Number of Pumping Periods:

720

- Notes: a) Can not be greater than 3,600 periods.
 b) execution time is faster if fewer pumping periods used.

4. Enter Starting Date:

1/1/1950

(e.g., enter 12/01/1950 for December 1, 1950)

5. Pumping Schedule and Depletion Results:

a) Below, enter the Pumping Rate (Col C, yellow cells) corresponding with the associated Pumping Period.

b) Cyclical Data Entry Option (not required):

Enter the number of pumping periods to cycle: 12

Enter the number of cycles: 60

Enter the pumping rates to cycle (Col C, yellow cells).

Click button to cycle data:

Cycle Data

c) After the data have been entered, click on the button below to calculate the resulting stream depletion.

Calculate Stream Depletion

6. Graph:

Select Data to Graph -

6) Volume of Depletion this period

Click Button to Create Graph -

Create Graph

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
1/1/1950	1	0.76	0.10	0.10	0.73	0.09	0.09
2/1/1950	2	0.71	0.10	0.20	0.70	0.19	0.09
3/1/1950	3	1.98	0.27	0.46	1.93	0.44	0.25
4/1/1950	4	0.82	0.11	0.58	0.83	0.56	0.12
5/1/1950	5	0.88	0.12	0.69	0.89	0.68	0.12
6/1/1950	6	0.89	0.12	0.81	0.89	0.80	0.12
7/1/1950	7	0.92	0.12	0.94	0.92	0.92	0.12
8/1/1950	8	0.89	0.12	1.06	0.89	1.04	0.12
9/1/1950	9	0.84	0.11	1.17	0.84	1.15	0.11
10/1/1950	10	0.83	0.11	1.28	0.83	1.26	0.11
11/1/1950	11	0.77	0.10	1.38	0.77	1.37	0.10

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
12/1/1950	12	0.77	0.10	1.49	0.77	1.47	0.10
1/1/1951	13	0.76	0.10	1.59	0.76	1.57	0.10
2/1/1951	14	0.71	0.10	1.69	0.71	1.67	0.10
3/1/1951	15	1.98	0.27	1.95	1.94	1.92	0.25
4/1/1951	16	0.82	0.11	2.06	0.84	2.04	0.12
5/1/1951	17	0.88	0.12	2.18	0.89	2.16	0.12
6/1/1951	18	0.89	0.12	2.30	0.89	2.28	0.12
7/1/1951	19	0.92	0.12	2.42	0.92	2.41	0.12
8/1/1951	20	0.89	0.12	2.54	0.89	2.53	0.12
9/1/1951	21	0.84	0.11	2.66	0.85	2.64	0.11
10/1/1951	22	0.83	0.11	2.77	0.83	2.75	0.11
11/1/1951	23	0.77	0.10	2.87	0.77	2.86	0.10
12/1/1951	24	0.77	0.10	2.97	0.77	2.96	0.10
1/1/1952	25	0.76	0.10	3.08	0.76	3.06	0.10
2/1/1952	26	0.71	0.10	3.17	0.71	3.16	0.10
3/1/1952	27	1.98	0.27	3.44	1.94	3.41	0.25
4/1/1952	28	0.82	0.11	3.55	0.84	3.53	0.12
5/1/1952	29	0.88	0.12	3.67	0.89	3.65	0.12
6/1/1952	30	0.89	0.12	3.79	0.89	3.77	0.12
7/1/1952	31	0.92	0.12	3.91	0.92	3.89	0.12
8/1/1952	32	0.89	0.12	4.03	0.89	4.01	0.12
9/1/1952	33	0.84	0.11	4.14	0.85	4.13	0.11
10/1/1952	34	0.83	0.11	4.26	0.83	4.24	0.11
11/1/1952	35	0.77	0.10	4.36	0.77	4.34	0.10
12/1/1952	36	0.77	0.10	4.46	0.77	4.45	0.10
1/1/1953	37	0.76	0.10	4.56	0.76	4.55	0.10
2/1/1953	38	0.71	0.10	4.66	0.71	4.65	0.10
3/1/1953	39	1.98	0.27	4.93	1.94	4.90	0.25
4/1/1953	40	0.82	0.11	5.04	0.84	5.02	0.12
5/1/1953	41	0.88	0.12	5.16	0.89	5.14	0.12
6/1/1953	42	0.89	0.12	5.28	0.89	5.26	0.12
7/1/1953	43	0.92	0.12	5.40	0.92	5.38	0.12
8/1/1953	44	0.89	0.12	5.52	0.89	5.50	0.12
9/1/1953	45	0.84	0.11	5.63	0.85	5.61	0.11
10/1/1953	46	0.83	0.11	5.74	0.83	5.73	0.11
11/1/1953	47	0.77	0.10	5.85	0.77	5.83	0.10
12/1/1953	48	0.77	0.10	5.95	0.77	5.93	0.10
1/1/1954	49	0.76	0.10	6.05	0.76	6.04	0.10
2/1/1954	50	0.71	0.10	6.15	0.71	6.13	0.10
3/1/1954	51	1.98	0.27	6.41	1.94	6.39	0.25
4/1/1954	52	0.82	0.11	6.52	0.84	6.50	0.12
5/1/1954	53	0.88	0.12	6.64	0.89	6.62	0.12
6/1/1954	54	0.89	0.12	6.76	0.89	6.74	0.12
7/1/1954	55	0.92	0.12	6.89	0.92	6.87	0.12
8/1/1954	56	0.89	0.12	7.01	0.89	6.99	0.12
9/1/1954	57	0.84	0.11	7.12	0.85	7.10	0.11
10/1/1954	58	0.83	0.11	7.23	0.83	7.21	0.11
11/1/1954	59	0.77	0.10	7.33	0.77	7.32	0.10
12/1/1954	60	0.77	0.10	7.44	0.77	7.42	0.10
1/1/1955	61	0.76	0.10	7.54	0.76	7.52	0.10
2/1/1955	62	0.71	0.10	7.63	0.71	7.62	0.10
3/1/1955	63	1.98	0.27	7.90	1.94	7.87	0.25
4/1/1955	64	0.82	0.11	8.01	0.84	7.99	0.12
5/1/1955	65	0.88	0.12	8.13	0.89	8.11	0.12
6/1/1955	66	0.89	0.12	8.25	0.89	8.23	0.12
7/1/1955	67	0.92	0.12	8.37	0.92	8.35	0.12
8/1/1955	68	0.89	0.12	8.49	0.89	8.47	0.12
9/1/1955	69	0.84	0.11	8.61	0.85	8.59	0.11
10/1/1955	70	0.83	0.11	8.72	0.83	8.70	0.11
11/1/1955	71	0.77	0.10	8.82	0.77	8.80	0.10
12/1/1955	72	0.77	0.10	8.92	0.77	8.91	0.10

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
1/1/1956	73	0.76	0.10	9.03	0.76	9.01	0.10
2/1/1956	74	0.71	0.10	9.12	0.71	9.11	0.10
3/1/1956	75	1.98	0.27	9.39	1.94	9.36	0.25
4/1/1956	76	0.82	0.11	9.50	0.84	9.48	0.12
5/1/1956	77	0.88	0.12	9.62	0.89	9.60	0.12
6/1/1956	78	0.89	0.12	9.74	0.89	9.72	0.12
7/1/1956	79	0.92	0.12	9.86	0.92	9.84	0.12
8/1/1956	80	0.89	0.12	9.98	0.89	9.96	0.12
9/1/1956	81	0.84	0.11	10.09	0.85	10.08	0.11
10/1/1956	82	0.83	0.11	10.20	0.83	10.19	0.11
11/1/1956	83	0.77	0.10	10.31	0.77	10.29	0.10
12/1/1956	84	0.77	0.10	10.41	0.77	10.40	0.10
1/1/1957	85	0.76	0.10	10.51	0.76	10.50	0.10
2/1/1957	86	0.71	0.10	10.61	0.71	10.59	0.10
3/1/1957	87	1.98	0.27	10.88	1.94	10.85	0.25
4/1/1957	88	0.82	0.11	10.99	0.84	10.97	0.12
5/1/1957	89	0.88	0.12	11.10	0.89	11.09	0.12
6/1/1957	90	0.89	0.12	11.22	0.89	11.21	0.12
7/1/1957	91	0.92	0.12	11.35	0.92	11.33	0.12
8/1/1957	92	0.89	0.12	11.47	0.89	11.45	0.12
9/1/1957	93	0.84	0.11	11.58	0.85	11.56	0.11
10/1/1957	94	0.83	0.11	11.69	0.83	11.67	0.11
11/1/1957	95	0.77	0.10	11.80	0.77	11.78	0.10
12/1/1957	96	0.77	0.10	11.90	0.77	11.88	0.10
1/1/1958	97	0.76	0.10	12.00	0.76	11.99	0.10
2/1/1958	98	0.71	0.10	12.10	0.71	12.08	0.10
3/1/1958	99	1.98	0.27	12.36	1.94	12.34	0.25
4/1/1958	100	0.82	0.11	12.47	0.84	12.45	0.12
5/1/1958	101	0.88	0.12	12.59	0.89	12.57	0.12
6/1/1958	102	0.89	0.12	12.71	0.89	12.69	0.12
7/1/1958	103	0.92	0.12	12.83	0.92	12.82	0.12
8/1/1958	104	0.89	0.12	12.95	0.89	12.94	0.12
9/1/1958	105	0.84	0.11	13.07	0.85	13.05	0.11
10/1/1958	106	0.83	0.11	13.18	0.83	13.16	0.11
11/1/1958	107	0.77	0.10	13.28	0.77	13.27	0.10
12/1/1958	108	0.77	0.10	13.39	0.77	13.37	0.10
1/1/1959	109	0.76	0.10	13.49	0.76	13.47	0.10
2/1/1959	110	0.71	0.10	13.58	0.71	13.57	0.10
3/1/1959	111	1.98	0.27	13.85	1.94	13.82	0.25
4/1/1959	112	0.82	0.11	13.96	0.84	13.94	0.12
5/1/1959	113	0.88	0.12	14.08	0.89	14.06	0.12
6/1/1959	114	0.89	0.12	14.20	0.89	14.18	0.12
7/1/1959	115	0.92	0.12	14.32	0.92	14.30	0.12
8/1/1959	116	0.89	0.12	14.44	0.89	14.42	0.12
9/1/1959	117	0.84	0.11	14.55	0.85	14.54	0.11
10/1/1959	118	0.83	0.11	14.67	0.83	14.65	0.11
11/1/1959	119	0.77	0.10	14.77	0.77	14.75	0.10
12/1/1959	120	0.77	0.10	14.87	0.77	14.86	0.10
1/1/1960	121	0.76	0.10	14.98	0.76	14.96	0.10
2/1/1960	122	0.71	0.10	15.07	0.71	15.06	0.10
3/1/1960	123	1.98	0.27	15.34	1.94	15.31	0.25
4/1/1960	124	0.82	0.11	15.45	0.84	15.43	0.12
5/1/1960	125	0.88	0.12	15.57	0.89	15.55	0.12
6/1/1960	126	0.89	0.12	15.69	0.89	15.67	0.12
7/1/1960	127	0.92	0.12	15.81	0.92	15.79	0.12
8/1/1960	128	0.89	0.12	15.93	0.89	15.91	0.12
9/1/1960	129	0.84	0.11	16.04	0.85	16.02	0.11
10/1/1960	130	0.83	0.11	16.15	0.83	16.14	0.11
11/1/1960	131	0.77	0.10	16.26	0.77	16.24	0.10
12/1/1960	132	0.77	0.10	16.36	0.77	16.34	0.10
1/1/1961	133	0.76	0.10	16.46	0.76	16.45	0.10

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
2/1/1961	134	0.71	0.10	16.56	0.71	16.54	0.10
3/1/1961	135	1.98	0.27	16.82	1.94	16.80	0.25
4/1/1961	136	0.82	0.11	16.94	0.84	16.91	0.12
5/1/1961	137	0.88	0.12	17.05	0.89	17.03	0.12
6/1/1961	138	0.89	0.12	17.17	0.89	17.15	0.12
7/1/1961	139	0.92	0.12	17.30	0.92	17.28	0.12
8/1/1961	140	0.89	0.12	17.42	0.89	17.40	0.12
9/1/1961	141	0.84	0.11	17.53	0.85	17.51	0.11
10/1/1961	142	0.83	0.11	17.64	0.83	17.62	0.11
11/1/1961	143	0.77	0.10	17.74	0.77	17.73	0.10
12/1/1961	144	0.77	0.10	17.85	0.77	17.83	0.10
1/1/1962	145	0.76	0.10	17.95	0.76	17.93	0.10
2/1/1962	146	0.71	0.10	18.05	0.71	18.03	0.10
3/1/1962	147	1.98	0.27	18.31	1.94	18.28	0.25
4/1/1962	148	0.82	0.11	18.42	0.84	18.40	0.12
5/1/1962	149	0.88	0.12	18.54	0.89	18.52	0.12
6/1/1962	150	0.89	0.12	18.66	0.89	18.64	0.12
7/1/1962	151	0.92	0.12	18.78	0.92	18.77	0.12
8/1/1962	152	0.89	0.12	18.90	0.89	18.89	0.12
9/1/1962	153	0.84	0.11	19.02	0.85	19.00	0.11
10/1/1962	154	0.83	0.11	19.13	0.83	19.11	0.11
11/1/1962	155	0.77	0.10	19.23	0.77	19.22	0.10
12/1/1962	156	0.77	0.10	19.33	0.77	19.32	0.10
1/1/1963	157	0.76	0.10	19.44	0.76	19.42	0.10
2/1/1963	158	0.71	0.10	19.53	0.71	19.52	0.10
3/1/1963	159	1.98	0.27	19.80	1.94	19.77	0.25
4/1/1963	160	0.82	0.11	19.91	0.84	19.89	0.12
5/1/1963	161	0.88	0.12	20.03	0.89	20.01	0.12
6/1/1963	162	0.89	0.12	20.15	0.89	20.13	0.12
7/1/1963	163	0.92	0.12	20.27	0.92	20.25	0.12
8/1/1963	164	0.89	0.12	20.39	0.89	20.37	0.12
9/1/1963	165	0.84	0.11	20.50	0.85	20.49	0.11
10/1/1963	166	0.83	0.11	20.62	0.83	20.60	0.11
11/1/1963	167	0.77	0.10	20.72	0.77	20.70	0.10
12/1/1963	168	0.77	0.10	20.82	0.77	20.81	0.10
1/1/1964	169	0.76	0.10	20.92	0.76	20.91	0.10
2/1/1964	170	0.71	0.10	21.02	0.71	21.01	0.10
3/1/1964	171	1.98	0.27	21.29	1.94	21.26	0.25
4/1/1964	172	0.82	0.11	21.40	0.84	21.38	0.12
5/1/1964	173	0.88	0.12	21.52	0.89	21.50	0.12
6/1/1964	174	0.89	0.12	21.64	0.89	21.62	0.12
7/1/1964	175	0.92	0.12	21.76	0.92	21.74	0.12
8/1/1964	176	0.89	0.12	21.88	0.89	21.86	0.12
9/1/1964	177	0.84	0.11	21.99	0.85	21.97	0.11
10/1/1964	178	0.83	0.11	22.10	0.83	22.09	0.11
11/1/1964	179	0.77	0.10	22.21	0.77	22.19	0.10
12/1/1964	180	0.77	0.10	22.31	0.77	22.29	0.10
1/1/1965	181	0.76	0.10	22.41	0.76	22.40	0.10
2/1/1965	182	0.71	0.10	22.51	0.71	22.49	0.10
3/1/1965	183	1.98	0.27	22.77	1.94	22.75	0.25
4/1/1965	184	0.82	0.11	22.88	0.84	22.86	0.12
5/1/1965	185	0.88	0.12	23.00	0.89	22.98	0.12
6/1/1965	186	0.89	0.12	23.12	0.89	23.10	0.12
7/1/1965	187	0.92	0.12	23.25	0.92	23.23	0.12
8/1/1965	188	0.89	0.12	23.37	0.89	23.35	0.12
9/1/1965	189	0.84	0.11	23.48	0.85	23.46	0.11
10/1/1965	190	0.83	0.11	23.59	0.83	23.57	0.11
11/1/1965	191	0.77	0.10	23.69	0.77	23.68	0.10
12/1/1965	192	0.77	0.10	23.80	0.77	23.78	0.10
1/1/1966	193	0.76	0.10	23.90	0.76	23.88	0.10
2/1/1966	194	0.71	0.10	23.99	0.71	23.98	0.10

Pumping Schedule			Pumping Summary		Depletion Summary		
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3/1/1966	195	1.98	0.27	24.26	1.94	24.23	0.25
4/1/1966	196	0.82	0.11	24.37	0.84	24.35	0.12
5/1/1966	197	0.88	0.12	24.49	0.89	24.47	0.12
6/1/1966	198	0.89	0.12	24.61	0.89	24.59	0.12
7/1/1966	199	0.92	0.12	24.73	0.92	24.71	0.12
8/1/1966	200	0.89	0.12	24.85	0.89	24.83	0.12
9/1/1966	201	0.84	0.11	24.97	0.85	24.95	0.11
10/1/1966	202	0.83	0.11	25.08	0.83	25.06	0.11
11/1/1966	203	0.77	0.10	25.18	0.77	25.16	0.10
12/1/1966	204	0.77	0.10	25.28	0.77	25.27	0.10
1/1/1967	205	0.76	0.10	25.39	0.76	25.37	0.10
2/1/1967	206	0.71	0.10	25.48	0.71	25.47	0.10
3/1/1967	207	1.98	0.27	25.75	1.94	25.72	0.25
4/1/1967	208	0.82	0.11	25.86	0.84	25.84	0.12
5/1/1967	209	0.88	0.12	25.98	0.89	25.96	0.12
6/1/1967	210	0.89	0.12	26.10	0.89	26.08	0.12
7/1/1967	211	0.92	0.12	26.22	0.92	26.20	0.12
8/1/1967	212	0.89	0.12	26.34	0.89	26.32	0.12
9/1/1967	213	0.84	0.11	26.45	0.85	26.44	0.11
10/1/1967	214	0.83	0.11	26.56	0.83	26.55	0.11
11/1/1967	215	0.77	0.10	26.67	0.77	26.65	0.10
12/1/1967	216	0.77	0.10	26.77	0.77	26.76	0.10
1/1/1968	217	0.76	0.10	26.87	0.76	26.86	0.10
2/1/1968	218	0.71	0.10	26.97	0.71	26.95	0.10
3/1/1968	219	1.98	0.27	27.24	1.94	27.21	0.25
4/1/1968	220	0.82	0.11	27.35	0.84	27.33	0.12
5/1/1968	221	0.88	0.12	27.46	0.89	27.45	0.12
6/1/1968	222	0.89	0.12	27.58	0.89	27.57	0.12
7/1/1968	223	0.92	0.12	27.71	0.92	27.69	0.12
8/1/1968	224	0.89	0.12	27.83	0.89	27.81	0.12
9/1/1968	225	0.84	0.11	27.94	0.85	27.92	0.11
10/1/1968	226	0.83	0.11	28.05	0.83	28.04	0.11
11/1/1968	227	0.77	0.10	28.16	0.77	28.14	0.10
12/1/1968	228	0.77	0.10	28.26	0.77	28.24	0.10
1/1/1969	229	0.76	0.10	28.36	0.76	28.35	0.10
2/1/1969	230	0.71	0.10	28.46	0.71	28.44	0.10
3/1/1969	231	1.98	0.27	28.72	1.94	28.70	0.25
4/1/1969	232	0.82	0.11	28.83	0.84	28.81	0.12
5/1/1969	233	0.88	0.12	28.95	0.89	28.93	0.12
6/1/1969	234	0.89	0.12	29.07	0.89	29.05	0.12
7/1/1969	235	0.92	0.12	29.20	0.92	29.18	0.12
8/1/1969	236	0.89	0.12	29.31	0.89	29.30	0.12
9/1/1969	237	0.84	0.11	29.43	0.85	29.41	0.11
10/1/1969	238	0.83	0.11	29.54	0.83	29.52	0.11
11/1/1969	239	0.77	0.10	29.64	0.77	29.63	0.10
12/1/1969	240	0.77	0.10	29.75	0.77	29.73	0.10
1/1/1970	241	0.76	0.10	29.85	0.76	29.83	0.10
2/1/1970	242	0.71	0.10	29.94	0.71	29.93	0.10
3/1/1970	243	1.98	0.27	30.21	1.94	30.18	0.25
4/1/1970	244	0.82	0.11	30.32	0.84	30.30	0.12
5/1/1970	245	0.88	0.12	30.44	0.89	30.42	0.12
6/1/1970	246	0.89	0.12	30.56	0.89	30.54	0.12
7/1/1970	247	0.92	0.12	30.68	0.92	30.66	0.12
8/1/1970	248	0.89	0.12	30.80	0.89	30.78	0.12
9/1/1970	249	0.84	0.11	30.91	0.85	30.90	0.11
10/1/1970	250	0.83	0.11	31.03	0.83	31.01	0.11
11/1/1970	251	0.77	0.10	31.13	0.77	31.11	0.10
12/1/1970	252	0.77	0.10	31.23	0.77	31.22	0.10
1/1/1971	253	0.76	0.10	31.34	0.76	31.32	0.10
2/1/1971	254	0.71	0.10	31.43	0.71	31.42	0.10
3/1/1971	255	1.98	0.27	31.70	1.94	31.67	0.25

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4/1/1971	256	0.82	0.11	31.81	0.84	31.79	0.12
5/1/1971	257	0.88	0.12	31.93	0.89	31.91	0.12
6/1/1971	258	0.89	0.12	32.05	0.89	32.03	0.12
7/1/1971	259	0.92	0.12	32.17	0.92	32.15	0.12
8/1/1971	260	0.89	0.12	32.29	0.89	32.27	0.12
9/1/1971	261	0.84	0.11	32.40	0.85	32.38	0.11
10/1/1971	262	0.83	0.11	32.51	0.83	32.50	0.11
11/1/1971	263	0.77	0.10	32.62	0.77	32.60	0.10
12/1/1971	264	0.77	0.10	32.72	0.77	32.71	0.10
1/1/1972	265	0.76	0.10	32.82	0.76	32.81	0.10
2/1/1972	266	0.71	0.10	32.92	0.71	32.90	0.10
3/1/1972	267	1.98	0.27	33.19	1.94	33.16	0.25
4/1/1972	268	0.82	0.11	33.30	0.84	33.28	0.12
5/1/1972	269	0.88	0.12	33.41	0.89	33.39	0.12
6/1/1972	270	0.89	0.12	33.53	0.89	33.52	0.12
7/1/1972	271	0.92	0.12	33.66	0.92	33.64	0.12
8/1/1972	272	0.89	0.12	33.78	0.89	33.76	0.12
9/1/1972	273	0.84	0.11	33.89	0.85	33.87	0.11
10/1/1972	274	0.83	0.11	34.00	0.83	33.98	0.11
11/1/1972	275	0.77	0.10	34.10	0.77	34.09	0.10
12/1/1972	276	0.77	0.10	34.21	0.77	34.19	0.10
1/1/1973	277	0.76	0.10	34.31	0.76	34.29	0.10
2/1/1973	278	0.71	0.10	34.41	0.71	34.39	0.10
3/1/1973	279	1.98	0.27	34.67	1.94	34.64	0.25
4/1/1973	280	0.82	0.11	34.78	0.84	34.76	0.12
5/1/1973	281	0.88	0.12	34.90	0.89	34.88	0.12
6/1/1973	282	0.89	0.12	35.02	0.89	35.00	0.12
7/1/1973	283	0.92	0.12	35.14	0.92	35.13	0.12
8/1/1973	284	0.89	0.12	35.26	0.89	35.25	0.12
9/1/1973	285	0.84	0.11	35.38	0.85	35.36	0.11
10/1/1973	286	0.83	0.11	35.49	0.83	35.47	0.11
11/1/1973	287	0.77	0.10	35.59	0.77	35.58	0.10
12/1/1973	288	0.77	0.10	35.70	0.77	35.68	0.10
1/1/1974	289	0.76	0.10	35.80	0.76	35.78	0.10
2/1/1974	290	0.71	0.10	35.89	0.71	35.88	0.10
3/1/1974	291	1.98	0.27	36.16	1.94	36.13	0.25
4/1/1974	292	0.82	0.11	36.27	0.84	36.25	0.12
5/1/1974	293	0.88	0.12	36.39	0.89	36.37	0.12
6/1/1974	294	0.89	0.12	36.51	0.89	36.49	0.12
7/1/1974	295	0.92	0.12	36.63	0.92	36.61	0.12
8/1/1974	296	0.89	0.12	36.75	0.89	36.73	0.12
9/1/1974	297	0.84	0.11	36.86	0.85	36.85	0.11
10/1/1974	298	0.83	0.11	36.98	0.83	36.96	0.11
11/1/1974	299	0.77	0.10	37.08	0.77	37.06	0.10
12/1/1974	300	0.77	0.10	37.18	0.77	37.17	0.10
1/1/1975	301	0.76	0.10	37.28	0.76	37.27	0.10
2/1/1975	302	0.71	0.10	37.38	0.71	37.37	0.10
3/1/1975	303	1.98	0.27	37.65	1.94	37.62	0.25
4/1/1975	304	0.82	0.11	37.76	0.84	37.74	0.12
5/1/1975	305	0.88	0.12	37.88	0.89	37.86	0.12
6/1/1975	306	0.89	0.12	38.00	0.89	37.98	0.12
7/1/1975	307	0.92	0.12	38.12	0.92	38.10	0.12
8/1/1975	308	0.89	0.12	38.24	0.89	38.22	0.12
9/1/1975	309	0.84	0.11	38.35	0.85	38.33	0.11
10/1/1975	310	0.83	0.11	38.46	0.83	38.45	0.11
11/1/1975	311	0.77	0.10	38.57	0.77	38.55	0.10
12/1/1975	312	0.77	0.10	38.67	0.77	38.65	0.10
1/1/1976	313	0.76	0.10	38.77	0.76	38.76	0.10
2/1/1976	314	0.71	0.10	38.87	0.71	38.85	0.10
3/1/1976	315	1.98	0.27	39.13	1.94	39.11	0.25
4/1/1976	316	0.82	0.11	39.24	0.84	39.22	0.12

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5/1/1976	317	0.88	0.12	39.36	0.89	39.34	0.12
6/1/1976	318	0.89	0.12	39.48	0.89	39.46	0.12
7/1/1976	319	0.92	0.12	39.61	0.92	39.59	0.12
8/1/1976	320	0.89	0.12	39.73	0.89	39.71	0.12
9/1/1976	321	0.84	0.11	39.84	0.85	39.82	0.11
10/1/1976	322	0.83	0.11	39.95	0.83	39.93	0.11
11/1/1976	323	0.77	0.10	40.05	0.77	40.04	0.10
12/1/1976	324	0.77	0.10	40.16	0.77	40.14	0.10
1/1/1977	325	0.76	0.10	40.26	0.76	40.24	0.10
2/1/1977	326	0.71	0.10	40.35	0.71	40.34	0.10
3/1/1977	327	1.98	0.27	40.62	1.94	40.59	0.25
4/1/1977	328	0.82	0.11	40.73	0.84	40.71	0.12
5/1/1977	329	0.88	0.12	40.85	0.89	40.83	0.12
6/1/1977	330	0.89	0.12	40.97	0.89	40.95	0.12
7/1/1977	331	0.92	0.12	41.09	0.92	41.08	0.12
8/1/1977	332	0.89	0.12	41.21	0.89	41.19	0.12
9/1/1977	333	0.84	0.11	41.33	0.85	41.31	0.11
10/1/1977	334	0.83	0.11	41.44	0.83	41.42	0.11
11/1/1977	335	0.77	0.10	41.54	0.77	41.52	0.10
12/1/1977	336	0.77	0.10	41.64	0.77	41.63	0.10
1/1/1978	337	0.76	0.10	41.75	0.76	41.73	0.10
2/1/1978	338	0.71	0.10	41.84	0.71	41.83	0.10
3/1/1978	339	1.98	0.27	42.11	1.94	42.08	0.25
4/1/1978	340	0.82	0.11	42.22	0.84	42.20	0.12
5/1/1978	341	0.88	0.12	42.34	0.89	42.32	0.12
6/1/1978	342	0.89	0.12	42.46	0.89	42.44	0.12
7/1/1978	343	0.92	0.12	42.58	0.92	42.56	0.12
8/1/1978	344	0.89	0.12	42.70	0.89	42.68	0.12
9/1/1978	345	0.84	0.11	42.81	0.85	42.80	0.11
10/1/1978	346	0.83	0.11	42.92	0.83	42.91	0.11
11/1/1978	347	0.77	0.10	43.03	0.77	43.01	0.10
12/1/1978	348	0.77	0.10	43.13	0.77	43.12	0.10
1/1/1979	349	0.76	0.10	43.23	0.76	43.22	0.10
2/1/1979	350	0.71	0.10	43.33	0.71	43.32	0.10
3/1/1979	351	1.98	0.27	43.60	1.94	43.57	0.25
4/1/1979	352	0.82	0.11	43.71	0.84	43.69	0.12
5/1/1979	353	0.88	0.12	43.83	0.89	43.81	0.12
6/1/1979	354	0.89	0.12	43.94	0.89	43.93	0.12
7/1/1979	355	0.92	0.12	44.07	0.92	44.05	0.12
8/1/1979	356	0.89	0.12	44.19	0.89	44.17	0.12
9/1/1979	357	0.84	0.11	44.30	0.85	44.28	0.11
10/1/1979	358	0.83	0.11	44.41	0.83	44.40	0.11
11/1/1979	359	0.77	0.10	44.52	0.77	44.50	0.10
12/1/1979	360	0.77	0.10	44.62	0.77	44.60	0.10
1/1/1980	361	0.76	0.10	44.72	0.76	44.71	0.10
2/1/1980	362	0.71	0.10	44.82	0.71	44.80	0.10
3/1/1980	363	1.98	0.27	45.08	1.94	45.06	0.25
4/1/1980	364	0.82	0.11	45.19	0.84	45.17	0.12
5/1/1980	365	0.88	0.12	45.31	0.89	45.29	0.12
6/1/1980	366	0.89	0.12	45.43	0.89	45.41	0.12
7/1/1980	367	0.92	0.12	45.56	0.92	45.54	0.12
8/1/1980	368	0.89	0.12	45.67	0.89	45.66	0.12
9/1/1980	369	0.84	0.11	45.79	0.85	45.77	0.11
10/1/1980	370	0.83	0.11	45.90	0.83	45.88	0.11
11/1/1980	371	0.77	0.10	46.00	0.77	45.99	0.10
12/1/1980	372	0.77	0.10	46.11	0.77	46.09	0.10
1/1/1981	373	0.76	0.10	46.21	0.76	46.19	0.10
2/1/1981	374	0.71	0.10	46.30	0.71	46.29	0.10
3/1/1981	375	1.98	0.27	46.57	1.94	46.54	0.25
4/1/1981	376	0.82	0.11	46.68	0.84	46.66	0.12
5/1/1981	377	0.88	0.12	46.80	0.89	46.78	0.12

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
6/1/1981	378	0.89	0.12	46.92	0.89	46.90	0.12
7/1/1981	379	0.92	0.12	47.04	0.92	47.02	0.12
8/1/1981	380	0.89	0.12	47.16	0.89	47.14	0.12
9/1/1981	381	0.84	0.11	47.28	0.85	47.26	0.11
10/1/1981	382	0.83	0.11	47.39	0.83	47.37	0.11
11/1/1981	383	0.77	0.10	47.49	0.77	47.47	0.10
12/1/1981	384	0.77	0.10	47.59	0.77	47.58	0.10
1/1/1982	385	0.76	0.10	47.70	0.76	47.68	0.10
2/1/1982	386	0.71	0.10	47.79	0.71	47.78	0.10
3/1/1982	387	1.98	0.27	48.06	1.94	48.03	0.25
4/1/1982	388	0.82	0.11	48.17	0.84	48.15	0.12
5/1/1982	389	0.88	0.12	48.29	0.89	48.27	0.12
6/1/1982	390	0.89	0.12	48.41	0.89	48.39	0.12
7/1/1982	391	0.92	0.12	48.53	0.92	48.51	0.12
8/1/1982	392	0.89	0.12	48.65	0.89	48.63	0.12
9/1/1982	393	0.84	0.11	48.76	0.85	48.74	0.11
10/1/1982	394	0.83	0.11	48.87	0.83	48.86	0.11
11/1/1982	395	0.77	0.10	48.98	0.77	48.96	0.10
12/1/1982	396	0.77	0.10	49.08	0.77	49.06	0.10
1/1/1983	397	0.76	0.10	49.18	0.76	49.17	0.10
2/1/1983	398	0.71	0.10	49.28	0.71	49.26	0.10
3/1/1983	399	1.98	0.27	49.55	1.94	49.52	0.25
4/1/1983	400	0.82	0.11	49.66	0.84	49.64	0.12
5/1/1983	401	0.88	0.12	49.77	0.89	49.75	0.12
6/1/1983	402	0.89	0.12	49.89	0.89	49.88	0.12
7/1/1983	403	0.92	0.12	50.02	0.92	50.00	0.12
8/1/1983	404	0.89	0.12	50.14	0.89	50.12	0.12
9/1/1983	405	0.84	0.11	50.25	0.85	50.23	0.11
10/1/1983	406	0.83	0.11	50.36	0.83	50.34	0.11
11/1/1983	407	0.77	0.10	50.46	0.77	50.45	0.10
12/1/1983	408	0.77	0.10	50.57	0.77	50.55	0.10
1/1/1984	409	0.76	0.10	50.67	0.76	50.65	0.10
2/1/1984	410	0.71	0.10	50.77	0.71	50.75	0.10
3/1/1984	411	1.98	0.27	51.03	1.94	51.01	0.25
4/1/1984	412	0.82	0.11	51.14	0.84	51.12	0.12
5/1/1984	413	0.88	0.12	51.26	0.89	51.24	0.12
6/1/1984	414	0.89	0.12	51.38	0.89	51.36	0.12
7/1/1984	415	0.92	0.12	51.50	0.92	51.49	0.12
8/1/1984	416	0.89	0.12	51.62	0.89	51.61	0.12
9/1/1984	417	0.84	0.11	51.74	0.85	51.72	0.11
10/1/1984	418	0.83	0.11	51.85	0.83	51.83	0.11
11/1/1984	419	0.77	0.10	51.95	0.77	51.94	0.10
12/1/1984	420	0.77	0.10	52.06	0.77	52.04	0.10
1/1/1985	421	0.76	0.10	52.16	0.76	52.14	0.10
2/1/1985	422	0.71	0.10	52.25	0.71	52.24	0.10
3/1/1985	423	1.98	0.27	52.52	1.94	52.49	0.25
4/1/1985	424	0.82	0.11	52.63	0.84	52.61	0.12
5/1/1985	425	0.88	0.12	52.75	0.89	52.73	0.12
6/1/1985	426	0.89	0.12	52.87	0.89	52.85	0.12
7/1/1985	427	0.92	0.12	52.99	0.92	52.97	0.12
8/1/1985	428	0.89	0.12	53.11	0.89	53.09	0.12
9/1/1985	429	0.84	0.11	53.22	0.85	53.21	0.11
10/1/1985	430	0.83	0.11	53.34	0.83	53.32	0.11
11/1/1985	431	0.77	0.10	53.44	0.77	53.42	0.10
12/1/1985	432	0.77	0.10	53.54	0.77	53.53	0.10
1/1/1986	433	0.76	0.10	53.65	0.76	53.63	0.10
2/1/1986	434	0.71	0.10	53.74	0.71	53.73	0.10
3/1/1986	435	1.98	0.27	54.01	1.94	53.98	0.25
4/1/1986	436	0.82	0.11	54.12	0.84	54.10	0.12
5/1/1986	437	0.88	0.12	54.24	0.89	54.22	0.12
6/1/1986	438	0.89	0.12	54.36	0.89	54.34	0.12

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
7/1/1986	439	0.92	0.12	54.48	0.92	54.46	0.12
8/1/1986	440	0.89	0.12	54.60	0.89	54.58	0.12
9/1/1986	441	0.84	0.11	54.71	0.85	54.69	0.11
10/1/1986	442	0.83	0.11	54.82	0.83	54.81	0.11
11/1/1986	443	0.77	0.10	54.93	0.77	54.91	0.10
12/1/1986	444	0.77	0.10	55.03	0.77	55.01	0.10
1/1/1987	445	0.76	0.10	55.13	0.76	55.12	0.10
2/1/1987	446	0.71	0.10	55.23	0.71	55.21	0.10
3/1/1987	447	1.98	0.27	55.49	1.94	55.47	0.25
4/1/1987	448	0.82	0.11	55.60	0.84	55.58	0.12
5/1/1987	449	0.88	0.12	55.72	0.89	55.70	0.12
6/1/1987	450	0.89	0.12	55.84	0.89	55.82	0.12
7/1/1987	451	0.92	0.12	55.97	0.92	55.95	0.12
8/1/1987	452	0.89	0.12	56.09	0.89	56.07	0.12
9/1/1987	453	0.84	0.11	56.20	0.85	56.18	0.11
10/1/1987	454	0.83	0.11	56.31	0.83	56.29	0.11
11/1/1987	455	0.77	0.10	56.41	0.77	56.40	0.10
12/1/1987	456	0.77	0.10	56.52	0.77	56.50	0.10
1/1/1988	457	0.76	0.10	56.62	0.76	56.60	0.10
2/1/1988	458	0.71	0.10	56.72	0.71	56.70	0.10
3/1/1988	459	1.98	0.27	56.98	1.94	56.95	0.25
4/1/1988	460	0.82	0.11	57.09	0.84	57.07	0.12
5/1/1988	461	0.88	0.12	57.21	0.89	57.19	0.12
6/1/1988	462	0.89	0.12	57.33	0.89	57.31	0.12
7/1/1988	463	0.92	0.12	57.45	0.92	57.44	0.12
8/1/1988	464	0.89	0.12	57.57	0.89	57.56	0.12
9/1/1988	465	0.84	0.11	57.69	0.85	57.67	0.11
10/1/1988	466	0.83	0.11	57.80	0.83	57.78	0.11
11/1/1988	467	0.77	0.10	57.90	0.77	57.89	0.10
12/1/1988	468	0.77	0.10	58.00	0.77	57.99	0.10
1/1/1989	469	0.76	0.10	58.11	0.76	58.09	0.10
2/1/1989	470	0.71	0.10	58.20	0.71	58.19	0.10
3/1/1989	471	1.98	0.27	58.47	1.94	58.44	0.25
4/1/1989	472	0.82	0.11	58.58	0.84	58.56	0.12
5/1/1989	473	0.88	0.12	58.70	0.89	58.68	0.12
6/1/1989	474	0.89	0.12	58.82	0.89	58.80	0.12
7/1/1989	475	0.92	0.12	58.94	0.92	58.92	0.12
8/1/1989	476	0.89	0.12	59.06	0.89	59.04	0.12
9/1/1989	477	0.84	0.11	59.17	0.85	59.16	0.11
10/1/1989	478	0.83	0.11	59.29	0.83	59.27	0.11
11/1/1989	479	0.77	0.10	59.39	0.77	59.37	0.10
12/1/1989	480	0.77	0.10	59.49	0.77	59.48	0.10
1/1/1990	481	0.76	0.10	59.59	0.76	59.58	0.10
2/1/1990	482	0.71	0.10	59.69	0.71	59.68	0.10
3/1/1990	483	1.98	0.27	59.96	1.94	59.93	0.25
4/1/1990	484	0.82	0.11	60.07	0.84	60.05	0.12
5/1/1990	485	0.88	0.12	60.19	0.89	60.17	0.12
6/1/1990	486	0.89	0.12	60.30	0.89	60.29	0.12
7/1/1990	487	0.92	0.12	60.43	0.92	60.41	0.12
8/1/1990	488	0.89	0.12	60.55	0.89	60.53	0.12
9/1/1990	489	0.84	0.11	60.66	0.85	60.64	0.11
10/1/1990	490	0.83	0.11	60.77	0.83	60.76	0.11
11/1/1990	491	0.77	0.10	60.88	0.77	60.86	0.10
12/1/1990	492	0.77	0.10	60.98	0.77	60.96	0.10
1/1/1991	493	0.76	0.10	61.08	0.76	61.07	0.10
2/1/1991	494	0.71	0.10	61.18	0.71	61.16	0.10
3/1/1991	495	1.98	0.27	61.44	1.94	61.42	0.25
4/1/1991	496	0.82	0.11	61.55	0.84	61.53	0.12
5/1/1991	497	0.88	0.12	61.67	0.89	61.65	0.12
6/1/1991	498	0.89	0.12	61.79	0.89	61.77	0.12
7/1/1991	499	0.92	0.12	61.92	0.92	61.90	0.12

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
8/1/1991	500	0.89	0.12	62.03	0.89	62.02	0.12
9/1/1991	501	0.84	0.11	62.15	0.85	62.13	0.11
10/1/1991	502	0.83	0.11	62.26	0.83	62.24	0.11
11/1/1991	503	0.77	0.10	62.36	0.77	62.35	0.10
12/1/1991	504	0.77	0.10	62.47	0.77	62.45	0.10
1/1/1992	505	0.76	0.10	62.57	0.76	62.55	0.10
2/1/1992	506	0.71	0.10	62.66	0.71	62.65	0.10
3/1/1992	507	1.98	0.27	62.93	1.94	62.90	0.25
4/1/1992	508	0.82	0.11	63.04	0.84	63.02	0.12
5/1/1992	509	0.88	0.12	63.16	0.89	63.14	0.12
6/1/1992	510	0.89	0.12	63.28	0.89	63.26	0.12
7/1/1992	511	0.92	0.12	63.40	0.92	63.38	0.12
8/1/1992	512	0.89	0.12	63.52	0.89	63.50	0.12
9/1/1992	513	0.84	0.11	63.64	0.85	63.62	0.11
10/1/1992	514	0.83	0.11	63.75	0.83	63.73	0.11
11/1/1992	515	0.77	0.10	63.85	0.77	63.83	0.10
12/1/1992	516	0.77	0.10	63.95	0.77	63.94	0.10
1/1/1993	517	0.76	0.10	64.06	0.76	64.04	0.10
2/1/1993	518	0.71	0.10	64.15	0.71	64.14	0.10
3/1/1993	519	1.98	0.27	64.42	1.94	64.39	0.25
4/1/1993	520	0.82	0.11	64.53	0.84	64.51	0.12
5/1/1993	521	0.88	0.12	64.65	0.89	64.63	0.12
6/1/1993	522	0.89	0.12	64.77	0.89	64.75	0.12
7/1/1993	523	0.92	0.12	64.89	0.92	64.87	0.12
8/1/1993	524	0.89	0.12	65.01	0.89	64.99	0.12
9/1/1993	525	0.84	0.11	65.12	0.85	65.11	0.11
10/1/1993	526	0.83	0.11	65.23	0.83	65.22	0.11
11/1/1993	527	0.77	0.10	65.34	0.77	65.32	0.10
12/1/1993	528	0.77	0.10	65.44	0.77	65.42	0.10
1/1/1994	529	0.76	0.10	65.54	0.76	65.53	0.10
2/1/1994	530	0.71	0.10	65.64	0.71	65.62	0.10
3/1/1994	531	1.98	0.27	65.91	1.94	65.88	0.25
4/1/1994	532	0.82	0.11	66.02	0.84	66.00	0.12
5/1/1994	533	0.88	0.12	66.13	0.89	66.12	0.12
6/1/1994	534	0.89	0.12	66.25	0.89	66.24	0.12
7/1/1994	535	0.92	0.12	66.38	0.92	66.36	0.12
8/1/1994	536	0.89	0.12	66.50	0.89	66.48	0.12
9/1/1994	537	0.84	0.11	66.61	0.85	66.59	0.11
10/1/1994	538	0.83	0.11	66.72	0.83	66.70	0.11
11/1/1994	539	0.77	0.10	66.82	0.77	66.81	0.10
12/1/1994	540	0.77	0.10	66.93	0.77	66.91	0.10
1/1/1995	541	0.76	0.10	67.03	0.76	67.01	0.10
2/1/1995	542	0.71	0.10	67.13	0.71	67.11	0.10
3/1/1995	543	1.98	0.27	67.39	1.94	67.37	0.25
4/1/1995	544	0.82	0.11	67.50	0.84	67.48	0.12
5/1/1995	545	0.88	0.12	67.62	0.89	67.60	0.12
6/1/1995	546	0.89	0.12	67.74	0.89	67.72	0.12
7/1/1995	547	0.92	0.12	67.86	0.92	67.85	0.12
8/1/1995	548	0.89	0.12	67.98	0.89	67.97	0.12
9/1/1995	549	0.84	0.11	68.10	0.85	68.08	0.11
10/1/1995	550	0.83	0.11	68.21	0.83	68.19	0.11
11/1/1995	551	0.77	0.10	68.31	0.77	68.30	0.10
12/1/1995	552	0.77	0.10	68.42	0.77	68.40	0.10
1/1/1996	553	0.76	0.10	68.52	0.76	68.50	0.10
2/1/1996	554	0.71	0.10	68.61	0.71	68.60	0.10
3/1/1996	555	1.98	0.27	68.88	1.94	68.85	0.25
4/1/1996	556	0.82	0.11	68.99	0.84	68.97	0.12
5/1/1996	557	0.88	0.12	69.11	0.89	69.09	0.12
6/1/1996	558	0.89	0.12	69.23	0.89	69.21	0.12
7/1/1996	559	0.92	0.12	69.35	0.92	69.33	0.12
8/1/1996	560	0.89	0.12	69.47	0.89	69.45	0.12

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Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
9/1/1996	561	0.84	0.11	69.58	0.85	69.57	0.11
10/1/1996	562	0.83	0.11	69.70	0.83	69.68	0.11
11/1/1996	563	0.77	0.10	69.80	0.77	69.78	0.10
12/1/1996	564	0.77	0.10	69.90	0.77	69.89	0.10
1/1/1997	565	0.76	0.10	70.01	0.76	69.99	0.10
2/1/1997	566	0.71	0.10	70.10	0.71	70.09	0.10
3/1/1997	567	1.98	0.27	70.37	1.94	70.34	0.25
4/1/1997	568	0.82	0.11	70.48	0.84	70.46	0.12
5/1/1997	569	0.88	0.12	70.60	0.89	70.58	0.12
6/1/1997	570	0.89	0.12	70.72	0.89	70.70	0.12
7/1/1997	571	0.92	0.12	70.84	0.92	70.82	0.12
8/1/1997	572	0.89	0.12	70.96	0.89	70.94	0.12
9/1/1997	573	0.84	0.11	71.07	0.85	71.05	0.11
10/1/1997	574	0.83	0.11	71.18	0.83	71.17	0.11
11/1/1997	575	0.77	0.10	71.29	0.77	71.27	0.10
12/1/1997	576	0.77	0.10	71.39	0.77	71.37	0.10
1/1/1998	577	0.76	0.10	71.49	0.76	71.48	0.10
2/1/1998	578	0.71	0.10	71.59	0.71	71.57	0.10
3/1/1998	579	1.98	0.27	71.85	1.94	71.83	0.25
4/1/1998	580	0.82	0.11	71.97	0.84	71.94	0.12
5/1/1998	581	0.88	0.12	72.08	0.89	72.06	0.12
6/1/1998	582	0.89	0.12	72.20	0.89	72.18	0.12
7/1/1998	583	0.92	0.12	72.33	0.92	72.31	0.13
8/1/1998	584	0.89	0.12	72.45	0.89	72.43	0.12
9/1/1998	585	0.84	0.11	72.56	0.85	72.54	0.11
10/1/1998	586	0.83	0.11	72.67	0.83	72.65	0.11
11/1/1998	587	0.77	0.10	72.77	0.77	72.76	0.10
12/1/1998	588	0.77	0.10	72.88	0.77	72.86	0.10
1/1/1999	589	0.76	0.10	72.98	0.76	72.96	0.10
2/1/1999	590	0.71	0.10	73.08	0.71	73.06	0.10
3/1/1999	591	1.98	0.27	73.34	1.94	73.31	0.25
4/1/1999	592	0.82	0.11	73.45	0.84	73.43	0.12
5/1/1999	593	0.88	0.12	73.57	0.89	73.55	0.12
6/1/1999	594	0.89	0.12	73.69	0.89	73.67	0.12
7/1/1999	595	0.92	0.12	73.81	0.92	73.80	0.13
8/1/1999	596	0.89	0.12	73.93	0.89	73.91	0.12
9/1/1999	597	0.84	0.11	74.05	0.85	74.03	0.11
10/1/1999	598	0.83	0.11	74.16	0.83	74.14	0.11
11/1/1999	599	0.77	0.10	74.26	0.77	74.25	0.10
12/1/1999	600	0.77	0.10	74.36	0.77	74.35	0.10
1/1/2000	601	0.76	0.10	74.47	0.76	74.45	0.10
2/1/2000	602	0.71	0.10	74.56	0.71	74.55	0.10
3/1/2000	603	1.98	0.27	74.83	1.94	74.80	0.25
4/1/2000	604	0.82	0.11	74.94	0.84	74.92	0.12
5/1/2000	605	0.88	0.12	75.06	0.89	75.04	0.12
6/1/2000	606	0.89	0.12	75.18	0.89	75.16	0.12
7/1/2000	607	0.92	0.12	75.30	0.92	75.28	0.13
8/1/2000	608	0.89	0.12	75.42	0.89	75.40	0.12
9/1/2000	609	0.84	0.11	75.53	0.85	75.52	0.11
10/1/2000	610	0.83	0.11	75.65	0.83	75.63	0.11
11/1/2000	611	0.77	0.10	75.75	0.77	75.73	0.10
12/1/2000	612	0.77	0.10	75.85	0.77	75.84	0.10
1/1/2001	613	0.76	0.10	75.95	0.76	75.94	0.10
2/1/2001	614	0.71	0.10	76.05	0.71	76.04	0.10
3/1/2001	615	1.98	0.27	76.32	1.94	76.29	0.25
4/1/2001	616	0.82	0.11	76.43	0.84	76.41	0.12
5/1/2001	617	0.88	0.12	76.55	0.89	76.53	0.12
6/1/2001	618	0.89	0.12	76.67	0.89	76.65	0.12
7/1/2001	619	0.92	0.12	76.79	0.92	76.77	0.13
8/1/2001	620	0.89	0.12	76.91	0.89	76.89	0.12
9/1/2001	621	0.84	0.11	77.02	0.85	77.00	0.12

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
10/1/2001	622	0.83	0.11	77.13	0.83	77.12	0.11
11/1/2001	623	0.77	0.10	77.24	0.77	77.22	0.10
12/1/2001	624	0.77	0.10	77.34	0.77	77.32	0.10
1/1/2002	625	0.76	0.10	77.44	0.76	77.43	0.10
2/1/2002	626	0.71	0.10	77.54	0.71	77.52	0.10
3/1/2002	627	1.98	0.27	77.80	1.94	77.78	0.25
4/1/2002	628	0.82	0.11	77.91	0.84	77.89	0.12
5/1/2002	629	0.88	0.12	78.03	0.89	78.01	0.12
6/1/2002	630	0.89	0.12	78.15	0.89	78.13	0.12
7/1/2002	631	0.92	0.12	78.28	0.92	78.26	0.13
8/1/2002	632	0.89	0.12	78.40	0.89	78.38	0.12
9/1/2002	633	0.84	0.11	78.51	0.85	78.49	0.12
10/1/2002	634	0.83	0.11	78.62	0.83	78.60	0.11
11/1/2002	635	0.77	0.10	78.72	0.77	78.71	0.10
12/1/2002	636	0.77	0.10	78.83	0.77	78.81	0.10
1/1/2003	637	0.76	0.10	78.93	0.76	78.91	0.10
2/1/2003	638	0.71	0.10	79.02	0.71	79.01	0.10
3/1/2003	639	1.98	0.27	79.29	1.94	79.26	0.25
4/1/2003	640	0.82	0.11	79.40	0.84	79.38	0.12
5/1/2003	641	0.88	0.12	79.52	0.89	79.50	0.12
6/1/2003	642	0.89	0.12	79.64	0.89	79.62	0.12
7/1/2003	643	0.92	0.12	79.76	0.92	79.75	0.13
8/1/2003	644	0.89	0.12	79.88	0.89	79.86	0.12
9/1/2003	645	0.84	0.11	80.00	0.85	79.98	0.12
10/1/2003	646	0.83	0.11	80.11	0.83	80.09	0.11
11/1/2003	647	0.77	0.10	80.21	0.77	80.19	0.10
12/1/2003	648	0.77	0.10	80.31	0.77	80.30	0.10
1/1/2004	649	0.76	0.10	80.42	0.76	80.40	0.10
2/1/2004	650	0.71	0.10	80.51	0.71	80.50	0.10
3/1/2004	651	1.98	0.27	80.78	1.94	80.75	0.25
4/1/2004	652	0.82	0.11	80.89	0.84	80.87	0.12
5/1/2004	653	0.88	0.12	81.01	0.89	80.99	0.12
6/1/2004	654	0.89	0.12	81.13	0.89	81.11	0.12
7/1/2004	655	0.92	0.12	81.25	0.92	81.23	0.13
8/1/2004	656	0.89	0.12	81.37	0.89	81.35	0.12
9/1/2004	657	0.84	0.11	81.48	0.85	81.47	0.11
10/1/2004	658	0.83	0.11	81.59	0.83	81.58	0.11
11/1/2004	659	0.77	0.10	81.70	0.77	81.68	0.10
12/1/2004	660	0.77	0.10	81.80	0.77	81.79	0.10
1/1/2005	661	0.76	0.10	81.90	0.76	81.89	0.10
2/1/2005	662	0.71	0.10	82.00	0.71	81.98	0.10
3/1/2005	663	1.98	0.27	82.27	1.94	82.24	0.25
4/1/2005	664	0.82	0.11	82.38	0.84	82.36	0.12
5/1/2005	665	0.88	0.12	82.49	0.89	82.48	0.12
6/1/2005	666	0.89	0.12	82.61	0.89	82.60	0.12
7/1/2005	667	0.92	0.12	82.74	0.92	82.72	0.13
8/1/2005	668	0.89	0.12	82.86	0.89	82.84	0.12
9/1/2005	669	0.84	0.11	82.97	0.85	82.95	0.11
10/1/2005	670	0.83	0.11	83.08	0.83	83.07	0.11
11/1/2005	671	0.77	0.10	83.19	0.77	83.17	0.10
12/1/2005	672	0.77	0.10	83.29	0.77	83.27	0.10
1/1/2006	673	0.76	0.10	83.39	0.76	83.38	0.10
2/1/2006	674	0.71	0.10	83.49	0.71	83.47	0.10
3/1/2006	675	1.98	0.27	83.75	1.94	83.73	0.25
4/1/2006	676	0.82	0.11	83.86	0.84	83.84	0.12
5/1/2006	677	0.88	0.12	83.98	0.89	83.96	0.12
6/1/2006	678	0.89	0.12	84.10	0.89	84.08	0.12
7/1/2006	679	0.92	0.12	84.22	0.92	84.21	0.13
8/1/2006	680	0.89	0.12	84.34	0.89	84.33	0.12
9/1/2006	681	0.84	0.11	84.46	0.85	84.44	0.11
10/1/2006	682	0.83	0.11	84.57	0.83	84.55	0.11

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
11/1/2006	683	0.77	0.10	84.67	0.77	84.66	0.10
12/1/2006	684	0.77	0.10	84.78	0.77	84.76	0.10
1/1/2007	685	0.76	0.10	84.88	0.76	84.86	0.10
2/1/2007	686	0.71	0.10	84.97	0.71	84.96	0.10
3/1/2007	687	1.98	0.27	85.24	1.94	85.21	0.25
4/1/2007	688	0.82	0.11	85.35	0.84	85.33	0.12
5/1/2007	689	0.88	0.12	85.47	0.89	85.45	0.12
6/1/2007	690	0.89	0.12	85.59	0.89	85.57	0.12
7/1/2007	691	0.92	0.12	85.71	0.92	85.70	0.13
8/1/2007	692	0.89	0.12	85.83	0.89	85.81	0.12
9/1/2007	693	0.84	0.11	85.94	0.85	85.93	0.11
10/1/2007	694	0.83	0.11	86.06	0.83	86.04	0.11
11/1/2007	695	0.77	0.10	86.16	0.77	86.14	0.10
12/1/2007	696	0.77	0.10	86.26	0.77	86.25	0.10
1/1/2008	697	0.76	0.10	86.37	0.76	86.35	0.10
2/1/2008	698	0.71	0.10	86.46	0.71	86.45	0.10
3/1/2008	699	1.98	0.27	86.73	1.94	86.70	0.25
4/1/2008	700	0.82	0.11	86.84	0.84	86.82	0.12
5/1/2008	701	0.88	0.12	86.96	0.89	86.94	0.12
6/1/2008	702	0.89	0.12	87.08	0.89	87.06	0.12
7/1/2008	703	0.92	0.12	87.20	0.92	87.18	0.13
8/1/2008	704	0.89	0.12	87.32	0.89	87.30	0.12
9/1/2008	705	0.84	0.11	87.43	0.85	87.41	0.11
10/1/2008	706	0.83	0.11	87.54	0.83	87.53	0.11
11/1/2008	707	0.77	0.10	87.65	0.77	87.63	0.10
12/1/2008	708	0.77	0.10	87.75	0.77	87.73	0.10
1/1/2009	709	0.76	0.10	87.85	0.76	87.84	0.10
2/1/2009	710	0.71	0.10	87.95	0.71	87.93	0.10
3/1/2009	711	1.98	0.27	88.21	1.94	88.19	0.25
4/1/2009	712	0.82	0.11	88.33	0.84	88.31	0.12
5/1/2009	713	0.88	0.12	88.44	0.89	88.42	0.12
6/1/2009	714	0.89	0.12	88.56	0.89	88.54	0.12
7/1/2009	715	0.92	0.12	88.69	0.92	88.67	0.13
8/1/2009	716	0.89	0.12	88.81	0.89	88.79	0.12
9/1/2009	717	0.84	0.11	88.92	0.85	88.90	0.11
10/1/2009	718	0.83	0.11	89.03	0.83	89.01	0.11
11/1/2009	719	0.77	0.10	89.13	0.77	89.12	0.10
12/1/2009	720	0.77	0.10	89.24	0.77	89.22	0.10

Well Pumping Depletion Model (WPDM)

1. Enter Project Description:

176 Letey Ln
 New Well Pumping
 Irrigation Demand (excl. greenhouse), equestrian demand, water feature demand

2. Select One of the Following Four Aquifer Options:

Option No. 1

Option No. 2

Option No. 3

Option No. 4

Boundary affects approximated by use of an effective stream depletion factor (sdf).

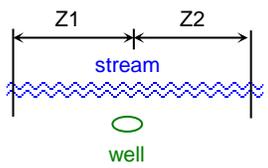
Option No. 2

3. Enter Physical Characteristics:

Clear Data: Click to Clear Data

Aquifer Transmissivity (gpd/ft):	100,000	(Required for Option Nos. 1, 2, or 3 only)
Aquifer Specific Yield:	0.20000	(Required for Option Nos. 1, 2, or 3 only)
Distance X (feet):	715	(Required for Option Nos. 1, 2, or 3 only)
Distance W (feet):	3,017	(Option No. 2 only)
Distance B (feet):		(Option No. 3 only)
sdf:		(Option No. 4 only)

For Option Nos. 1, 2, or 3, do you want to compute depletion for a segment of the stream? No



*Distance Z1 (feet): (enter -99999 for negative infinity)
 *Distance Z2 (feet): (enter 99999 for infinity)

* Z1 can not exceed Z2, and Z2 can not exceed B.

Project Data Summary	
Aquifer Option:	Option No. 2
Transmissivity (gpd/ft):	100,000
Specific Yield:	0.20
Distance X (ft):	715
Distance W (ft):	3,017
Distance B (ft):	0
sdf:	0
Compute Depletion for Stream Segment?:	No
Distance Z1 (ft):	0
Distance Z2 (ft):	0

1. Clear All Previous Pumping Data and Depletion Results (including Item Nos. 3 and 4):

Click to Clear Previous Data & Results

2. Select Time Units:

3) Months

3. Enter Number of Pumping Periods:

720

- Notes: a) Can not be greater than 3,600 periods.
 b) execution time is faster if fewer pumping periods used.

4. Enter Starting Date:

1/1/1950

(e.g., enter 12/01/1950 for December 1, 1950)

5. Pumping Schedule and Depletion Results:

a) Below, enter the Pumping Rate (Col C, yellow cells) corresponding with the associated Pumping Period.

b) Cyclical Data Entry Option (not required):

Enter the number of pumping periods to cycle: 12

Enter the number of cycles: 60

Enter the pumping rates to cycle (Col C, yellow cells).

Click button to cycle data:

Cycle Data

c) After the data have been entered, click on the button below to calculate the resulting stream depletion.

Calculate Stream Depletion

6. Graph:

Select Data to Graph -

6) Volume of Depletion this period

Click Button to Create Graph -

Create Graph

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
1/1/1950	1	0.11	0.02	0.02	0.08	0.01	0.01
2/1/1950	2	0.10	0.01	0.03	0.09	0.02	0.01
3/1/1950	3	0.22	0.03	0.06	0.18	0.04	0.02
4/1/1950	4	0.28	0.04	0.10	0.24	0.07	0.03
5/1/1950	5	0.35	0.05	0.14	0.31	0.11	0.04
6/1/1950	6	0.41	0.06	0.20	0.37	0.16	0.05
7/1/1950	7	0.43	0.06	0.25	0.40	0.21	0.05
8/1/1950	8	6.89	0.93	1.18	5.13	0.74	0.53
9/1/1950	9	3.86	0.52	1.70	3.67	1.26	0.52
10/1/1950	10	1.16	0.16	1.86	1.78	1.56	0.30
11/1/1950	11	0.17	0.02	1.88	0.79	1.71	0.15

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
12/1/1950	12	0.11	0.02	1.89	0.48	1.79	0.08
1/1/1951	13	0.11	0.02	1.91	0.33	1.84	0.05
2/1/1951	14	0.10	0.01	1.92	0.23	1.88	0.04
3/1/1951	15	0.22	0.03	1.95	0.26	1.91	0.04
4/1/1951	16	0.28	0.04	1.99	0.29	1.95	0.04
5/1/1951	17	0.35	0.05	2.04	0.33	2.00	0.04
6/1/1951	18	0.41	0.06	2.09	0.39	2.05	0.05
7/1/1951	19	0.43	0.06	2.15	0.41	2.10	0.05
8/1/1951	20	6.89	0.93	3.07	5.14	2.63	0.53
9/1/1951	21	3.86	0.52	3.59	3.67	3.15	0.52
10/1/1951	22	1.16	0.16	3.75	1.78	3.45	0.30
11/1/1951	23	0.17	0.02	3.77	0.79	3.60	0.15
12/1/1951	24	0.11	0.02	3.79	0.48	3.68	0.08
1/1/1952	25	0.11	0.02	3.80	0.33	3.74	0.05
2/1/1952	26	0.10	0.01	3.82	0.23	3.77	0.04
3/1/1952	27	0.22	0.03	3.84	0.26	3.81	0.04
4/1/1952	28	0.28	0.04	3.88	0.29	3.85	0.04
5/1/1952	29	0.35	0.05	3.93	0.33	3.89	0.04
6/1/1952	30	0.41	0.06	3.98	0.39	3.94	0.05
7/1/1952	31	0.43	0.06	4.04	0.41	3.99	0.05
8/1/1952	32	6.89	0.93	4.97	5.14	4.53	0.53
9/1/1952	33	3.86	0.52	5.49	3.67	5.05	0.52
10/1/1952	34	1.16	0.16	5.64	1.78	5.35	0.30
11/1/1952	35	0.17	0.02	5.66	0.79	5.49	0.15
12/1/1952	36	0.11	0.02	5.68	0.48	5.58	0.08
1/1/1953	37	0.11	0.02	5.70	0.33	5.63	0.05
2/1/1953	38	0.10	0.01	5.71	0.23	5.67	0.04
3/1/1953	39	0.22	0.03	5.74	0.26	5.70	0.04
4/1/1953	40	0.28	0.04	5.78	0.29	5.74	0.04
5/1/1953	41	0.35	0.05	5.82	0.33	5.78	0.04
6/1/1953	42	0.41	0.06	5.88	0.39	5.83	0.05
7/1/1953	43	0.43	0.06	5.94	0.41	5.89	0.05
8/1/1953	44	6.89	0.93	6.86	5.14	6.42	0.53
9/1/1953	45	3.86	0.52	7.38	3.67	6.94	0.52
10/1/1953	46	1.16	0.16	7.54	1.78	7.24	0.30
11/1/1953	47	0.17	0.02	7.56	0.79	7.39	0.15
12/1/1953	48	0.11	0.02	7.57	0.48	7.47	0.08
1/1/1954	49	0.11	0.02	7.59	0.33	7.52	0.05
2/1/1954	50	0.10	0.01	7.60	0.23	7.56	0.04
3/1/1954	51	0.22	0.03	7.63	0.26	7.59	0.04
4/1/1954	52	0.28	0.04	7.67	0.29	7.63	0.04
5/1/1954	53	0.35	0.05	7.72	0.33	7.68	0.04
6/1/1954	54	0.41	0.06	7.77	0.39	7.72	0.05
7/1/1954	55	0.43	0.06	7.83	0.41	7.78	0.05
8/1/1954	56	6.89	0.93	8.75	5.14	8.31	0.53
9/1/1954	57	3.86	0.52	9.27	3.67	8.83	0.52
10/1/1954	58	1.16	0.16	9.43	1.78	9.13	0.30
11/1/1954	59	0.17	0.02	9.45	0.79	9.28	0.15
12/1/1954	60	0.11	0.02	9.47	0.48	9.36	0.08
1/1/1955	61	0.11	0.02	9.48	0.33	9.42	0.05
2/1/1955	62	0.10	0.01	9.50	0.23	9.45	0.04
3/1/1955	63	0.22	0.03	9.52	0.26	9.49	0.04
4/1/1955	64	0.28	0.04	9.56	0.29	9.53	0.04
5/1/1955	65	0.35	0.05	9.61	0.33	9.57	0.04
6/1/1955	66	0.41	0.06	9.66	0.39	9.62	0.05
7/1/1955	67	0.43	0.06	9.72	0.41	9.67	0.05
8/1/1955	68	6.89	0.93	10.65	5.14	10.21	0.53
9/1/1955	69	3.86	0.52	11.17	3.67	10.73	0.52
10/1/1955	70	1.16	0.16	11.32	1.78	11.03	0.30
11/1/1955	71	0.17	0.02	11.34	0.79	11.17	0.15
12/1/1955	72	0.11	0.02	11.36	0.48	11.26	0.08

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
1/1/1956	73	0.11	0.02	11.38	0.33	11.31	0.05
2/1/1956	74	0.10	0.01	11.39	0.23	11.35	0.04
3/1/1956	75	0.22	0.03	11.42	0.26	11.38	0.04
4/1/1956	76	0.28	0.04	11.46	0.29	11.42	0.04
5/1/1956	77	0.35	0.05	11.50	0.33	11.46	0.04
6/1/1956	78	0.41	0.06	11.56	0.39	11.51	0.05
7/1/1956	79	0.43	0.06	11.62	0.41	11.57	0.05
8/1/1956	80	6.89	0.93	12.54	5.14	12.10	0.53
9/1/1956	81	3.86	0.52	13.06	3.67	12.62	0.52
10/1/1956	82	1.16	0.16	13.22	1.78	12.92	0.30
11/1/1956	83	0.17	0.02	13.24	0.79	13.07	0.15
12/1/1956	84	0.11	0.02	13.25	0.48	13.15	0.08
1/1/1957	85	0.11	0.02	13.27	0.33	13.20	0.05
2/1/1957	86	0.10	0.01	13.28	0.23	13.24	0.04
3/1/1957	87	0.22	0.03	13.31	0.26	13.27	0.04
4/1/1957	88	0.28	0.04	13.35	0.29	13.31	0.04
5/1/1957	89	0.35	0.05	13.40	0.33	13.36	0.04
6/1/1957	90	0.41	0.06	13.45	0.39	13.41	0.05
7/1/1957	91	0.43	0.06	13.51	0.41	13.46	0.05
8/1/1957	92	6.89	0.93	14.43	5.14	13.99	0.53
9/1/1957	93	3.86	0.52	14.95	3.67	14.51	0.52
10/1/1957	94	1.16	0.16	15.11	1.78	14.81	0.30
11/1/1957	95	0.17	0.02	15.13	0.79	14.96	0.15
12/1/1957	96	0.11	0.02	15.15	0.48	15.04	0.08
1/1/1958	97	0.11	0.02	15.16	0.33	15.10	0.05
2/1/1958	98	0.10	0.01	15.18	0.23	15.13	0.04
3/1/1958	99	0.22	0.03	15.20	0.26	15.17	0.03
4/1/1958	100	0.28	0.04	15.24	0.29	15.21	0.04
5/1/1958	101	0.35	0.05	15.29	0.33	15.25	0.04
6/1/1958	102	0.41	0.06	15.34	0.39	15.30	0.05
7/1/1958	103	0.43	0.06	15.40	0.41	15.35	0.05
8/1/1958	104	6.89	0.93	16.33	5.14	15.89	0.53
9/1/1958	105	3.86	0.52	16.85	3.67	16.41	0.52
10/1/1958	106	1.16	0.16	17.00	1.78	16.71	0.30
11/1/1958	107	0.17	0.02	17.03	0.79	16.85	0.15
12/1/1958	108	0.11	0.02	17.04	0.48	16.94	0.08
1/1/1959	109	0.11	0.02	17.06	0.33	16.99	0.05
2/1/1959	110	0.10	0.01	17.07	0.23	17.03	0.04
3/1/1959	111	0.22	0.03	17.10	0.26	17.06	0.03
4/1/1959	112	0.28	0.04	17.14	0.29	17.10	0.04
5/1/1959	113	0.35	0.05	17.18	0.33	17.14	0.04
6/1/1959	114	0.41	0.06	17.24	0.39	17.19	0.05
7/1/1959	115	0.43	0.06	17.30	0.41	17.25	0.05
8/1/1959	116	6.89	0.93	18.22	5.14	17.78	0.53
9/1/1959	117	3.86	0.52	18.74	3.67	18.30	0.52
10/1/1959	118	1.16	0.16	18.90	1.78	18.60	0.30
11/1/1959	119	0.17	0.02	18.92	0.79	18.75	0.15
12/1/1959	120	0.11	0.02	18.93	0.48	18.83	0.08
1/1/1960	121	0.11	0.02	18.95	0.33	18.88	0.05
2/1/1960	122	0.10	0.01	18.96	0.23	18.92	0.04
3/1/1960	123	0.22	0.03	18.99	0.26	18.95	0.03
4/1/1960	124	0.28	0.04	19.03	0.29	18.99	0.04
5/1/1960	125	0.35	0.05	19.08	0.33	19.04	0.04
6/1/1960	126	0.41	0.06	19.13	0.39	19.09	0.05
7/1/1960	127	0.43	0.06	19.19	0.41	19.14	0.05
8/1/1960	128	6.89	0.93	20.11	5.14	19.67	0.53
9/1/1960	129	3.86	0.52	20.63	3.67	20.19	0.52
10/1/1960	130	1.16	0.16	20.79	1.78	20.49	0.30
11/1/1960	131	0.17	0.02	20.81	0.79	20.64	0.15
12/1/1960	132	0.11	0.02	20.83	0.48	20.72	0.08
1/1/1961	133	0.11	0.02	20.84	0.33	20.78	0.05

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
2/1/1961	134	0.10	0.01	20.86	0.23	20.81	0.04
3/1/1961	135	0.22	0.03	20.89	0.26	20.85	0.03
4/1/1961	136	0.28	0.04	20.92	0.29	20.89	0.04
5/1/1961	137	0.35	0.05	20.97	0.33	20.93	0.04
6/1/1961	138	0.41	0.06	21.02	0.39	20.98	0.05
7/1/1961	139	0.43	0.06	21.08	0.41	21.03	0.05
8/1/1961	140	6.89	0.93	22.01	5.14	21.57	0.53
9/1/1961	141	3.86	0.52	22.53	3.67	22.09	0.52
10/1/1961	142	1.16	0.16	22.68	1.78	22.39	0.30
11/1/1961	143	0.17	0.02	22.71	0.79	22.53	0.15
12/1/1961	144	0.11	0.02	22.72	0.48	22.62	0.08
1/1/1962	145	0.11	0.02	22.74	0.33	22.67	0.05
2/1/1962	146	0.10	0.01	22.75	0.23	22.71	0.04
3/1/1962	147	0.22	0.03	22.78	0.26	22.74	0.03
4/1/1962	148	0.28	0.04	22.82	0.29	22.78	0.04
5/1/1962	149	0.35	0.05	22.86	0.33	22.82	0.04
6/1/1962	150	0.41	0.06	22.92	0.39	22.87	0.05
7/1/1962	151	0.43	0.06	22.98	0.41	22.93	0.05
8/1/1962	152	6.89	0.93	23.90	5.14	23.46	0.53
9/1/1962	153	3.86	0.52	24.42	3.67	23.98	0.52
10/1/1962	154	1.16	0.16	24.58	1.78	24.28	0.30
11/1/1962	155	0.17	0.02	24.60	0.79	24.43	0.15
12/1/1962	156	0.11	0.02	24.61	0.48	24.51	0.08
1/1/1963	157	0.11	0.02	24.63	0.33	24.56	0.05
2/1/1963	158	0.10	0.01	24.64	0.23	24.60	0.04
3/1/1963	159	0.22	0.03	24.67	0.26	24.63	0.04
4/1/1963	160	0.28	0.04	24.71	0.29	24.67	0.04
5/1/1963	161	0.35	0.05	24.76	0.33	24.72	0.04
6/1/1963	162	0.41	0.06	24.81	0.39	24.77	0.05
7/1/1963	163	0.43	0.06	24.87	0.41	24.82	0.05
8/1/1963	164	6.89	0.93	25.79	5.14	25.35	0.53
9/1/1963	165	3.86	0.52	26.31	3.67	25.87	0.52
10/1/1963	166	1.16	0.16	26.47	1.78	26.17	0.30
11/1/1963	167	0.17	0.02	26.49	0.79	26.32	0.15
12/1/1963	168	0.11	0.02	26.51	0.48	26.40	0.08
1/1/1964	169	0.11	0.02	26.52	0.33	26.46	0.05
2/1/1964	170	0.10	0.01	26.54	0.23	26.49	0.04
3/1/1964	171	0.22	0.03	26.57	0.26	26.53	0.04
4/1/1964	172	0.28	0.04	26.60	0.29	26.57	0.04
5/1/1964	173	0.35	0.05	26.65	0.33	26.61	0.04
6/1/1964	174	0.41	0.06	26.70	0.39	26.66	0.05
7/1/1964	175	0.43	0.06	26.76	0.41	26.71	0.05
8/1/1964	176	6.89	0.93	27.69	5.14	27.25	0.53
9/1/1964	177	3.86	0.52	28.21	3.67	27.77	0.52
10/1/1964	178	1.16	0.16	28.36	1.78	28.07	0.30
11/1/1964	179	0.17	0.02	28.39	0.79	28.21	0.15
12/1/1964	180	0.11	0.02	28.40	0.48	28.30	0.08
1/1/1965	181	0.11	0.02	28.42	0.33	28.35	0.05
2/1/1965	182	0.10	0.01	28.43	0.23	28.39	0.04
3/1/1965	183	0.22	0.03	28.46	0.26	28.42	0.03
4/1/1965	184	0.28	0.04	28.50	0.29	28.46	0.04
5/1/1965	185	0.35	0.05	28.54	0.33	28.50	0.04
6/1/1965	186	0.41	0.06	28.60	0.39	28.55	0.05
7/1/1965	187	0.43	0.06	28.66	0.41	28.61	0.05
8/1/1965	188	6.89	0.93	29.58	5.14	29.14	0.53
9/1/1965	189	3.86	0.52	30.10	3.67	29.66	0.52
10/1/1965	190	1.16	0.16	30.26	1.78	29.96	0.30
11/1/1965	191	0.17	0.02	30.28	0.79	30.11	0.15
12/1/1965	192	0.11	0.02	30.29	0.48	30.19	0.08
1/1/1966	193	0.11	0.02	30.31	0.33	30.24	0.05
2/1/1966	194	0.10	0.01	30.32	0.23	30.28	0.04

Pumping Schedule			Pumping Summary		Depletion Summary		
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3/1/1966	195	0.22	0.03	30.35	0.26	30.32	0.03
4/1/1966	196	0.28	0.04	30.39	0.29	30.35	0.04
5/1/1966	197	0.35	0.05	30.44	0.33	30.40	0.04
6/1/1966	198	0.41	0.06	30.49	0.39	30.45	0.05
7/1/1966	199	0.43	0.06	30.55	0.41	30.50	0.05
8/1/1966	200	6.89	0.93	31.47	5.14	31.03	0.53
9/1/1966	201	3.86	0.52	31.99	3.67	31.55	0.52
10/1/1966	202	1.16	0.16	32.15	1.78	31.85	0.30
11/1/1966	203	0.17	0.02	32.17	0.79	32.00	0.15
12/1/1966	204	0.11	0.02	32.19	0.48	32.08	0.08
1/1/1967	205	0.11	0.02	32.20	0.33	32.14	0.05
2/1/1967	206	0.10	0.01	32.22	0.23	32.17	0.04
3/1/1967	207	0.22	0.03	32.25	0.26	32.21	0.03
4/1/1967	208	0.28	0.04	32.28	0.29	32.25	0.04
5/1/1967	209	0.35	0.05	32.33	0.33	32.29	0.04
6/1/1967	210	0.41	0.06	32.38	0.39	32.34	0.05
7/1/1967	211	0.43	0.06	32.44	0.41	32.39	0.05
8/1/1967	212	6.89	0.93	33.37	5.14	32.93	0.53
9/1/1967	213	3.86	0.52	33.89	3.67	33.45	0.52
10/1/1967	214	1.16	0.16	34.04	1.78	33.75	0.30
11/1/1967	215	0.17	0.02	34.07	0.79	33.89	0.15
12/1/1967	216	0.11	0.02	34.08	0.48	33.98	0.08
1/1/1968	217	0.11	0.02	34.10	0.33	34.03	0.05
2/1/1968	218	0.10	0.01	34.11	0.23	34.07	0.04
3/1/1968	219	0.22	0.03	34.14	0.26	34.10	0.04
4/1/1968	220	0.28	0.04	34.18	0.29	34.14	0.04
5/1/1968	221	0.35	0.05	34.22	0.33	34.18	0.04
6/1/1968	222	0.41	0.06	34.28	0.39	34.23	0.05
7/1/1968	223	0.43	0.06	34.34	0.41	34.29	0.05
8/1/1968	224	6.89	0.93	35.26	5.14	34.82	0.53
9/1/1968	225	3.86	0.52	35.78	3.67	35.34	0.52
10/1/1968	226	1.16	0.16	35.94	1.78	35.64	0.30
11/1/1968	227	0.17	0.02	35.96	0.79	35.79	0.15
12/1/1968	228	0.11	0.02	35.97	0.48	35.87	0.08
1/1/1969	229	0.11	0.02	35.99	0.33	35.92	0.05
2/1/1969	230	0.10	0.01	36.00	0.23	35.96	0.04
3/1/1969	231	0.22	0.03	36.03	0.26	36.00	0.04
4/1/1969	232	0.28	0.04	36.07	0.29	36.03	0.04
5/1/1969	233	0.35	0.05	36.12	0.33	36.08	0.04
6/1/1969	234	0.41	0.06	36.17	0.39	36.13	0.05
7/1/1969	235	0.43	0.06	36.23	0.41	36.18	0.05
8/1/1969	236	6.89	0.93	37.15	5.14	36.71	0.53
9/1/1969	237	3.86	0.52	37.67	3.67	37.23	0.52
10/1/1969	238	1.16	0.16	37.83	1.78	37.53	0.30
11/1/1969	239	0.17	0.02	37.85	0.79	37.68	0.15
12/1/1969	240	0.11	0.02	37.87	0.48	37.76	0.08
1/1/1970	241	0.11	0.02	37.88	0.33	37.82	0.05
2/1/1970	242	0.10	0.01	37.90	0.23	37.85	0.04
3/1/1970	243	0.22	0.03	37.93	0.26	37.89	0.04
4/1/1970	244	0.28	0.04	37.96	0.29	37.93	0.04
5/1/1970	245	0.35	0.05	38.01	0.33	37.97	0.04
6/1/1970	246	0.41	0.06	38.06	0.39	38.02	0.05
7/1/1970	247	0.43	0.06	38.12	0.41	38.07	0.05
8/1/1970	248	6.89	0.93	39.05	5.14	38.61	0.53
9/1/1970	249	3.86	0.52	39.57	3.67	39.13	0.52
10/1/1970	250	1.16	0.16	39.72	1.78	39.43	0.30
11/1/1970	251	0.17	0.02	39.75	0.79	39.57	0.15
12/1/1970	252	0.11	0.02	39.76	0.48	39.66	0.08
1/1/1971	253	0.11	0.02	39.78	0.33	39.71	0.05
2/1/1971	254	0.10	0.01	39.79	0.23	39.75	0.04
3/1/1971	255	0.22	0.03	39.82	0.26	39.78	0.04

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4/1/1971	256	0.28	0.04	39.86	0.29	39.82	0.04
5/1/1971	257	0.35	0.05	39.90	0.33	39.86	0.04
6/1/1971	258	0.41	0.06	39.96	0.39	39.91	0.05
7/1/1971	259	0.43	0.06	40.02	0.41	39.97	0.05
8/1/1971	260	6.89	0.93	40.94	5.14	40.50	0.53
9/1/1971	261	3.86	0.52	41.46	3.67	41.02	0.52
10/1/1971	262	1.16	0.16	41.62	1.78	41.32	0.30
11/1/1971	263	0.17	0.02	41.64	0.79	41.47	0.15
12/1/1971	264	0.11	0.02	41.65	0.48	41.55	0.08
1/1/1972	265	0.11	0.02	41.67	0.33	41.60	0.05
2/1/1972	266	0.10	0.01	41.68	0.23	41.64	0.04
3/1/1972	267	0.22	0.03	41.71	0.26	41.68	0.04
4/1/1972	268	0.28	0.04	41.75	0.29	41.71	0.04
5/1/1972	269	0.35	0.05	41.80	0.33	41.76	0.04
6/1/1972	270	0.41	0.06	41.85	0.39	41.81	0.05
7/1/1972	271	0.43	0.06	41.91	0.41	41.86	0.05
8/1/1972	272	6.89	0.93	42.83	5.14	42.39	0.53
9/1/1972	273	3.86	0.52	43.35	3.67	42.91	0.52
10/1/1972	274	1.16	0.16	43.51	1.78	43.21	0.30
11/1/1972	275	0.17	0.02	43.53	0.79	43.36	0.15
12/1/1972	276	0.11	0.02	43.55	0.48	43.44	0.08
1/1/1973	277	0.11	0.02	43.56	0.33	43.50	0.05
2/1/1973	278	0.10	0.01	43.58	0.23	43.53	0.04
3/1/1973	279	0.22	0.03	43.61	0.26	43.57	0.04
4/1/1973	280	0.28	0.04	43.64	0.29	43.61	0.04
5/1/1973	281	0.35	0.05	43.69	0.33	43.65	0.04
6/1/1973	282	0.41	0.06	43.74	0.39	43.70	0.05
7/1/1973	283	0.43	0.06	43.80	0.41	43.75	0.05
8/1/1973	284	6.89	0.93	44.73	5.14	44.29	0.53
9/1/1973	285	3.86	0.52	45.25	3.67	44.81	0.52
10/1/1973	286	1.16	0.16	45.40	1.78	45.11	0.30
11/1/1973	287	0.17	0.02	45.43	0.79	45.25	0.15
12/1/1973	288	0.11	0.02	45.44	0.48	45.34	0.08
1/1/1974	289	0.11	0.02	45.46	0.33	45.39	0.05
2/1/1974	290	0.10	0.01	45.47	0.23	45.43	0.04
3/1/1974	291	0.22	0.03	45.50	0.26	45.46	0.04
4/1/1974	292	0.28	0.04	45.54	0.29	45.50	0.04
5/1/1974	293	0.35	0.05	45.58	0.33	45.54	0.04
6/1/1974	294	0.41	0.06	45.64	0.39	45.59	0.05
7/1/1974	295	0.43	0.06	45.70	0.41	45.65	0.05
8/1/1974	296	6.89	0.93	46.62	5.14	46.18	0.53
9/1/1974	297	3.86	0.52	47.14	3.67	46.70	0.52
10/1/1974	298	1.16	0.16	47.30	1.78	47.00	0.30
11/1/1974	299	0.17	0.02	47.32	0.79	47.15	0.15
12/1/1974	300	0.11	0.02	47.33	0.48	47.23	0.08
1/1/1975	301	0.11	0.02	47.35	0.33	47.28	0.05
2/1/1975	302	0.10	0.01	47.36	0.23	47.32	0.04
3/1/1975	303	0.22	0.03	47.39	0.26	47.36	0.04
4/1/1975	304	0.28	0.04	47.43	0.29	47.39	0.04
5/1/1975	305	0.35	0.05	47.48	0.33	47.44	0.04
6/1/1975	306	0.41	0.06	47.53	0.39	47.49	0.05
7/1/1975	307	0.43	0.06	47.59	0.41	47.54	0.05
8/1/1975	308	6.89	0.93	48.51	5.14	48.07	0.53
9/1/1975	309	3.86	0.52	49.03	3.67	48.59	0.52
10/1/1975	310	1.16	0.16	49.19	1.78	48.89	0.30
11/1/1975	311	0.17	0.02	49.21	0.79	49.04	0.15
12/1/1975	312	0.11	0.02	49.23	0.48	49.12	0.08
1/1/1976	313	0.11	0.02	49.24	0.33	49.18	0.05
2/1/1976	314	0.10	0.01	49.26	0.23	49.21	0.04
3/1/1976	315	0.22	0.03	49.29	0.26	49.25	0.04
4/1/1976	316	0.28	0.04	49.32	0.29	49.29	0.04

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
5/1/1976	317	0.35	0.05	49.37	0.33	49.33	0.04
6/1/1976	318	0.41	0.06	49.42	0.39	49.38	0.05
7/1/1976	319	0.43	0.06	49.48	0.41	49.43	0.05
8/1/1976	320	6.89	0.93	50.41	5.14	49.97	0.53
9/1/1976	321	3.86	0.52	50.93	3.67	50.49	0.52
10/1/1976	322	1.16	0.16	51.08	1.78	50.79	0.30
11/1/1976	323	0.17	0.02	51.11	0.79	50.93	0.15
12/1/1976	324	0.11	0.02	51.12	0.48	51.02	0.08
1/1/1977	325	0.11	0.02	51.14	0.33	51.07	0.05
2/1/1977	326	0.10	0.01	51.15	0.23	51.11	0.04
3/1/1977	327	0.22	0.03	51.18	0.26	51.14	0.04
4/1/1977	328	0.28	0.04	51.22	0.29	51.18	0.04
5/1/1977	329	0.35	0.05	51.26	0.33	51.22	0.04
6/1/1977	330	0.41	0.06	51.32	0.39	51.27	0.05
7/1/1977	331	0.43	0.06	51.38	0.41	51.33	0.05
8/1/1977	332	6.89	0.93	52.30	5.14	51.86	0.53
9/1/1977	333	3.86	0.52	52.82	3.67	52.38	0.52
10/1/1977	334	1.16	0.16	52.98	1.78	52.68	0.30
11/1/1977	335	0.17	0.02	53.00	0.79	52.83	0.15
12/1/1977	336	0.11	0.02	53.01	0.48	52.91	0.08
1/1/1978	337	0.11	0.02	53.03	0.33	52.96	0.05
2/1/1978	338	0.10	0.01	53.04	0.23	53.00	0.04
3/1/1978	339	0.22	0.03	53.07	0.26	53.04	0.03
4/1/1978	340	0.28	0.04	53.11	0.29	53.07	0.04
5/1/1978	341	0.35	0.05	53.16	0.33	53.12	0.04
6/1/1978	342	0.41	0.06	53.21	0.39	53.17	0.05
7/1/1978	343	0.43	0.06	53.27	0.41	53.22	0.05
8/1/1978	344	6.89	0.93	54.19	5.14	53.75	0.53
9/1/1978	345	3.86	0.52	54.71	3.67	54.27	0.52
10/1/1978	346	1.16	0.16	54.87	1.78	54.57	0.30
11/1/1978	347	0.17	0.02	54.89	0.79	54.72	0.15
12/1/1978	348	0.11	0.02	54.91	0.48	54.80	0.08
1/1/1979	349	0.11	0.02	54.92	0.33	54.86	0.05
2/1/1979	350	0.10	0.01	54.94	0.23	54.89	0.04
3/1/1979	351	0.22	0.03	54.97	0.26	54.93	0.03
4/1/1979	352	0.28	0.04	55.00	0.29	54.97	0.04
5/1/1979	353	0.35	0.05	55.05	0.33	55.01	0.04
6/1/1979	354	0.41	0.06	55.10	0.39	55.06	0.05
7/1/1979	355	0.43	0.06	55.16	0.41	55.11	0.05
8/1/1979	356	6.89	0.93	56.09	5.14	55.65	0.53
9/1/1979	357	3.86	0.52	56.61	3.67	56.17	0.52
10/1/1979	358	1.16	0.16	56.76	1.78	56.47	0.30
11/1/1979	359	0.17	0.02	56.79	0.79	56.61	0.15
12/1/1979	360	0.11	0.02	56.80	0.48	56.70	0.08
1/1/1980	361	0.11	0.02	56.82	0.33	56.75	0.05
2/1/1980	362	0.10	0.01	56.83	0.23	56.79	0.04
3/1/1980	363	0.22	0.03	56.86	0.26	56.82	0.03
4/1/1980	364	0.28	0.04	56.90	0.29	56.86	0.04
5/1/1980	365	0.35	0.05	56.94	0.33	56.90	0.05
6/1/1980	366	0.41	0.06	57.00	0.39	56.95	0.05
7/1/1980	367	0.43	0.06	57.06	0.41	57.01	0.05
8/1/1980	368	6.89	0.93	57.98	5.14	57.54	0.53
9/1/1980	369	3.86	0.52	58.50	3.67	58.06	0.52
10/1/1980	370	1.16	0.16	58.66	1.78	58.36	0.30
11/1/1980	371	0.17	0.02	58.68	0.79	58.51	0.15
12/1/1980	372	0.11	0.02	58.69	0.48	58.59	0.08
1/1/1981	373	0.11	0.02	58.71	0.33	58.64	0.05
2/1/1981	374	0.10	0.01	58.72	0.23	58.68	0.04
3/1/1981	375	0.22	0.03	58.75	0.26	58.72	0.03
4/1/1981	376	0.28	0.04	58.79	0.29	58.75	0.04
5/1/1981	377	0.35	0.05	58.84	0.33	58.80	0.05

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
6/1/1981	378	0.41	0.06	58.89	0.39	58.85	0.05
7/1/1981	379	0.43	0.06	58.95	0.41	58.90	0.05
8/1/1981	380	6.89	0.93	59.88	5.14	59.43	0.53
9/1/1981	381	3.86	0.52	60.39	3.67	59.95	0.52
10/1/1981	382	1.16	0.16	60.55	1.78	60.25	0.30
11/1/1981	383	0.17	0.02	60.57	0.79	60.40	0.15
12/1/1981	384	0.11	0.02	60.59	0.48	60.48	0.08
1/1/1982	385	0.11	0.02	60.60	0.33	60.54	0.05
2/1/1982	386	0.10	0.01	60.62	0.23	60.57	0.04
3/1/1982	387	0.22	0.03	60.65	0.26	60.61	0.03
4/1/1982	388	0.28	0.04	60.68	0.29	60.64	0.04
5/1/1982	389	0.35	0.05	60.73	0.33	60.69	0.05
6/1/1982	390	0.41	0.06	60.78	0.39	60.74	0.05
7/1/1982	391	0.43	0.06	60.84	0.41	60.79	0.05
8/1/1982	392	6.89	0.93	61.77	5.14	61.33	0.53
9/1/1982	393	3.86	0.52	62.29	3.67	61.85	0.52
10/1/1982	394	1.16	0.16	62.44	1.78	62.15	0.30
11/1/1982	395	0.17	0.02	62.47	0.79	62.29	0.15
12/1/1982	396	0.11	0.02	62.48	0.48	62.38	0.08
1/1/1983	397	0.11	0.02	62.50	0.33	62.43	0.05
2/1/1983	398	0.10	0.01	62.51	0.23	62.47	0.04
3/1/1983	399	0.22	0.03	62.54	0.26	62.50	0.03
4/1/1983	400	0.28	0.04	62.58	0.28	62.54	0.04
5/1/1983	401	0.35	0.05	62.62	0.33	62.58	0.05
6/1/1983	402	0.41	0.06	62.68	0.39	62.63	0.05
7/1/1983	403	0.43	0.06	62.74	0.41	62.69	0.05
8/1/1983	404	6.89	0.93	63.66	5.14	63.22	0.53
9/1/1983	405	3.86	0.52	64.18	3.67	63.74	0.52
10/1/1983	406	1.16	0.16	64.34	1.78	64.04	0.30
11/1/1983	407	0.17	0.02	64.36	0.79	64.19	0.15
12/1/1983	408	0.11	0.02	64.37	0.48	64.27	0.08
1/1/1984	409	0.11	0.02	64.39	0.33	64.33	0.05
2/1/1984	410	0.10	0.01	64.40	0.23	64.36	0.04
3/1/1984	411	0.22	0.03	64.43	0.26	64.39	0.03
4/1/1984	412	0.28	0.04	64.47	0.28	64.43	0.04
5/1/1984	413	0.35	0.05	64.52	0.33	64.48	0.05
6/1/1984	414	0.41	0.06	64.57	0.39	64.53	0.05
7/1/1984	415	0.43	0.06	64.63	0.41	64.58	0.05
8/1/1984	416	6.89	0.93	65.56	5.14	65.11	0.53
9/1/1984	417	3.86	0.52	66.07	3.67	65.64	0.52
10/1/1984	418	1.16	0.16	66.23	1.78	65.93	0.30
11/1/1984	419	0.17	0.02	66.25	0.79	66.08	0.15
12/1/1984	420	0.11	0.02	66.27	0.48	66.16	0.08
1/1/1985	421	0.11	0.02	66.28	0.33	66.22	0.05
2/1/1985	422	0.10	0.01	66.30	0.23	66.25	0.04
3/1/1985	423	0.22	0.03	66.33	0.26	66.29	0.03
4/1/1985	424	0.28	0.04	66.36	0.28	66.32	0.04
5/1/1985	425	0.35	0.05	66.41	0.33	66.37	0.05
6/1/1985	426	0.41	0.06	66.47	0.39	66.42	0.05
7/1/1985	427	0.43	0.06	66.52	0.41	66.47	0.05
8/1/1985	428	6.89	0.93	67.45	5.14	67.01	0.53
9/1/1985	429	3.86	0.52	67.97	3.67	67.53	0.52
10/1/1985	430	1.16	0.16	68.12	1.78	67.83	0.30
11/1/1985	431	0.17	0.02	68.15	0.79	67.97	0.15
12/1/1985	432	0.11	0.02	68.16	0.48	68.06	0.08
1/1/1986	433	0.11	0.02	68.18	0.33	68.11	0.05
2/1/1986	434	0.10	0.01	68.19	0.23	68.15	0.04
3/1/1986	435	0.22	0.03	68.22	0.26	68.18	0.03
4/1/1986	436	0.28	0.04	68.26	0.28	68.22	0.04
5/1/1986	437	0.35	0.05	68.30	0.33	68.26	0.05
6/1/1986	438	0.41	0.06	68.36	0.39	68.31	0.05

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7/1/1986	439	0.43	0.06	68.42	0.41	68.37	0.05
8/1/1986	440	6.89	0.93	69.34	5.14	68.90	0.53
9/1/1986	441	3.86	0.52	69.86	3.67	69.42	0.52
10/1/1986	442	1.16	0.16	70.02	1.78	69.72	0.30
11/1/1986	443	0.17	0.02	70.04	0.79	69.87	0.15
12/1/1986	444	0.11	0.02	70.05	0.48	69.95	0.08
1/1/1987	445	0.11	0.02	70.07	0.33	70.00	0.05
2/1/1987	446	0.10	0.01	70.08	0.23	70.04	0.04
3/1/1987	447	0.22	0.03	70.11	0.26	70.07	0.03
4/1/1987	448	0.28	0.04	70.15	0.28	70.11	0.04
5/1/1987	449	0.35	0.05	70.20	0.33	70.16	0.05
6/1/1987	450	0.41	0.06	70.25	0.39	70.21	0.05
7/1/1987	451	0.43	0.06	70.31	0.41	70.26	0.05
8/1/1987	452	6.89	0.93	71.24	5.14	70.80	0.54
9/1/1987	453	3.86	0.52	71.75	3.67	71.32	0.52
10/1/1987	454	1.16	0.16	71.91	1.78	71.61	0.30
11/1/1987	455	0.17	0.02	71.93	0.79	71.76	0.15
12/1/1987	456	0.11	0.02	71.95	0.48	71.84	0.08
1/1/1988	457	0.11	0.02	71.96	0.33	71.90	0.05
2/1/1988	458	0.10	0.01	71.98	0.23	71.93	0.04
3/1/1988	459	0.22	0.03	72.01	0.26	71.97	0.03
4/1/1988	460	0.28	0.04	72.04	0.28	72.00	0.04
5/1/1988	461	0.35	0.05	72.09	0.33	72.05	0.05
6/1/1988	462	0.41	0.06	72.15	0.39	72.10	0.05
7/1/1988	463	0.43	0.06	72.20	0.41	72.15	0.05
8/1/1988	464	6.89	0.93	73.13	5.14	72.69	0.54
9/1/1988	465	3.86	0.52	73.65	3.67	73.21	0.52
10/1/1988	466	1.16	0.16	73.80	1.78	73.51	0.30
11/1/1988	467	0.17	0.02	73.83	0.79	73.65	0.15
12/1/1988	468	0.11	0.02	73.84	0.48	73.74	0.08
1/1/1989	469	0.11	0.02	73.86	0.33	73.79	0.05
2/1/1989	470	0.10	0.01	73.87	0.23	73.83	0.04
3/1/1989	471	0.22	0.03	73.90	0.26	73.86	0.03
4/1/1989	472	0.28	0.04	73.94	0.28	73.90	0.04
5/1/1989	473	0.35	0.05	73.98	0.33	73.94	0.05
6/1/1989	474	0.41	0.06	74.04	0.39	73.99	0.05
7/1/1989	475	0.43	0.06	74.10	0.41	74.05	0.05
8/1/1989	476	6.89	0.93	75.02	5.14	74.58	0.54
9/1/1989	477	3.86	0.52	75.54	3.67	75.10	0.52
10/1/1989	478	1.16	0.16	75.70	1.78	75.40	0.30
11/1/1989	479	0.17	0.02	75.72	0.79	75.55	0.15
12/1/1989	480	0.11	0.02	75.73	0.48	75.63	0.08
1/1/1990	481	0.11	0.02	75.75	0.33	75.68	0.05
2/1/1990	482	0.10	0.01	75.76	0.23	75.72	0.04
3/1/1990	483	0.22	0.03	75.79	0.26	75.75	0.03
4/1/1990	484	0.28	0.04	75.83	0.28	75.79	0.04
5/1/1990	485	0.35	0.05	75.88	0.33	75.84	0.05
6/1/1990	486	0.41	0.06	75.93	0.39	75.89	0.05
7/1/1990	487	0.43	0.06	75.99	0.41	75.94	0.05
8/1/1990	488	6.89	0.93	76.92	5.14	76.48	0.54
9/1/1990	489	3.86	0.52	77.43	3.67	77.00	0.52
10/1/1990	490	1.16	0.16	77.59	1.78	77.30	0.30
11/1/1990	491	0.17	0.02	77.61	0.79	77.44	0.15
12/1/1990	492	0.11	0.02	77.63	0.48	77.52	0.08
1/1/1991	493	0.11	0.02	77.64	0.33	77.58	0.05
2/1/1991	494	0.10	0.01	77.66	0.23	77.61	0.04
3/1/1991	495	0.22	0.03	77.69	0.26	77.64	0.03
4/1/1991	496	0.28	0.04	77.72	0.28	77.68	0.04
5/1/1991	497	0.35	0.05	77.77	0.33	77.73	0.05
6/1/1991	498	0.41	0.06	77.83	0.39	77.78	0.05
7/1/1991	499	0.43	0.06	77.88	0.41	77.83	0.05

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8/1/1991	500	6.89	0.93	78.81	5.14	78.37	0.54
9/1/1991	501	3.86	0.52	79.33	3.67	78.89	0.52
10/1/1991	502	1.16	0.16	79.48	1.78	79.19	0.30
11/1/1991	503	0.17	0.02	79.51	0.79	79.33	0.15
12/1/1991	504	0.11	0.02	79.52	0.48	79.42	0.08
1/1/1992	505	0.11	0.02	79.54	0.33	79.47	0.05
2/1/1992	506	0.10	0.01	79.55	0.23	79.51	0.04
3/1/1992	507	0.22	0.03	79.58	0.26	79.54	0.03
4/1/1992	508	0.28	0.04	79.62	0.28	79.58	0.04
5/1/1992	509	0.35	0.05	79.66	0.33	79.62	0.05
6/1/1992	510	0.41	0.06	79.72	0.39	79.67	0.05
7/1/1992	511	0.43	0.06	79.78	0.41	79.73	0.05
8/1/1992	512	6.89	0.93	80.70	5.14	80.26	0.54
9/1/1992	513	3.86	0.52	81.22	3.67	80.78	0.52
10/1/1992	514	1.16	0.16	81.38	1.78	81.08	0.30
11/1/1992	515	0.17	0.02	81.40	0.79	81.23	0.15
12/1/1992	516	0.11	0.02	81.41	0.48	81.31	0.08
1/1/1993	517	0.11	0.02	81.43	0.33	81.36	0.05
2/1/1993	518	0.10	0.01	81.44	0.23	81.40	0.04
3/1/1993	519	0.22	0.03	81.47	0.26	81.43	0.03
4/1/1993	520	0.28	0.04	81.51	0.28	81.47	0.04
5/1/1993	521	0.35	0.05	81.56	0.33	81.52	0.05
6/1/1993	522	0.41	0.06	81.61	0.39	81.57	0.05
7/1/1993	523	0.43	0.06	81.67	0.41	81.62	0.05
8/1/1993	524	6.89	0.93	82.60	5.14	82.16	0.54
9/1/1993	525	3.86	0.52	83.11	3.67	82.68	0.52
10/1/1993	526	1.16	0.16	83.27	1.78	82.98	0.30
11/1/1993	527	0.17	0.02	83.29	0.79	83.12	0.15
12/1/1993	528	0.11	0.02	83.31	0.48	83.21	0.08
1/1/1994	529	0.11	0.02	83.32	0.33	83.26	0.05
2/1/1994	530	0.10	0.01	83.34	0.23	83.29	0.04
3/1/1994	531	0.22	0.03	83.37	0.26	83.32	0.03
4/1/1994	532	0.28	0.04	83.40	0.28	83.36	0.04
5/1/1994	533	0.35	0.05	83.45	0.33	83.41	0.05
6/1/1994	534	0.41	0.06	83.51	0.39	83.46	0.05
7/1/1994	535	0.43	0.06	83.56	0.41	83.51	0.05
8/1/1994	536	6.89	0.93	84.49	5.14	84.05	0.54
9/1/1994	537	3.86	0.52	85.01	3.67	84.57	0.52
10/1/1994	538	1.16	0.16	85.16	1.78	84.87	0.30
11/1/1994	539	0.17	0.02	85.19	0.79	85.02	0.15
12/1/1994	540	0.11	0.02	85.20	0.48	85.10	0.08
1/1/1995	541	0.11	0.02	85.22	0.33	85.15	0.05
2/1/1995	542	0.10	0.01	85.23	0.23	85.19	0.04
3/1/1995	543	0.22	0.03	85.26	0.26	85.22	0.03
4/1/1995	544	0.28	0.04	85.30	0.28	85.26	0.04
5/1/1995	545	0.35	0.05	85.34	0.33	85.30	0.05
6/1/1995	546	0.41	0.06	85.40	0.39	85.35	0.05
7/1/1995	547	0.43	0.06	85.46	0.41	85.40	0.05
8/1/1995	548	6.89	0.93	86.38	5.14	85.94	0.54
9/1/1995	549	3.86	0.52	86.90	3.67	86.46	0.52
10/1/1995	550	1.16	0.16	87.06	1.78	86.76	0.30
11/1/1995	551	0.17	0.02	87.08	0.79	86.91	0.15
12/1/1995	552	0.11	0.02	87.10	0.48	86.99	0.08
1/1/1996	553	0.11	0.02	87.11	0.33	87.04	0.05
2/1/1996	554	0.10	0.01	87.12	0.23	87.08	0.04
3/1/1996	555	0.22	0.03	87.15	0.26	87.11	0.03
4/1/1996	556	0.28	0.04	87.19	0.28	87.15	0.04
5/1/1996	557	0.35	0.05	87.24	0.33	87.20	0.05
6/1/1996	558	0.41	0.06	87.29	0.39	87.25	0.05
7/1/1996	559	0.43	0.06	87.35	0.41	87.30	0.05
8/1/1996	560	6.89	0.93	88.28	5.14	87.84	0.54

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
9/1/1996	561	3.86	0.52	88.79	3.67	88.35	0.52
10/1/1996	562	1.16	0.16	88.95	1.78	88.65	0.30
11/1/1996	563	0.17	0.02	88.97	0.79	88.80	0.15
12/1/1996	564	0.11	0.02	88.99	0.48	88.89	0.08
1/1/1997	565	0.11	0.02	89.00	0.33	88.94	0.05
2/1/1997	566	0.10	0.01	89.02	0.23	88.97	0.04
3/1/1997	567	0.22	0.03	89.05	0.26	89.00	0.03
4/1/1997	568	0.28	0.04	89.08	0.28	89.04	0.04
5/1/1997	569	0.35	0.05	89.13	0.33	89.09	0.05
6/1/1997	570	0.41	0.06	89.19	0.39	89.14	0.05
7/1/1997	571	0.43	0.06	89.24	0.41	89.19	0.05
8/1/1997	572	6.89	0.93	90.17	5.14	89.73	0.54
9/1/1997	573	3.86	0.52	90.69	3.67	90.25	0.52
10/1/1997	574	1.16	0.16	90.84	1.78	90.55	0.30
11/1/1997	575	0.17	0.02	90.87	0.79	90.70	0.15
12/1/1997	576	0.11	0.02	90.88	0.48	90.78	0.08
1/1/1998	577	0.11	0.02	90.90	0.33	90.83	0.05
2/1/1998	578	0.10	0.01	90.91	0.23	90.87	0.04
3/1/1998	579	0.22	0.03	90.94	0.26	90.90	0.03
4/1/1998	580	0.28	0.04	90.98	0.28	90.94	0.04
5/1/1998	581	0.35	0.05	91.02	0.33	90.99	0.05
6/1/1998	582	0.41	0.06	91.08	0.39	91.03	0.05
7/1/1998	583	0.43	0.06	91.14	0.41	91.09	0.05
8/1/1998	584	6.89	0.93	92.06	5.14	91.62	0.54
9/1/1998	585	3.86	0.52	92.58	3.67	92.14	0.52
10/1/1998	586	1.16	0.16	92.74	1.78	92.44	0.30
11/1/1998	587	0.17	0.02	92.76	0.79	92.59	0.15
12/1/1998	588	0.11	0.02	92.78	0.48	92.67	0.08
1/1/1999	589	0.11	0.02	92.79	0.33	92.73	0.05
2/1/1999	590	0.10	0.01	92.80	0.23	92.76	0.04
3/1/1999	591	0.22	0.03	92.83	0.26	92.79	0.03
4/1/1999	592	0.28	0.04	92.87	0.28	92.83	0.04
5/1/1999	593	0.35	0.05	92.92	0.33	92.88	0.05
6/1/1999	594	0.41	0.06	92.97	0.39	92.93	0.05
7/1/1999	595	0.43	0.06	93.03	0.41	92.98	0.05
8/1/1999	596	6.89	0.93	93.96	5.14	93.52	0.54
9/1/1999	597	3.86	0.52	94.47	3.67	94.04	0.52
10/1/1999	598	1.16	0.16	94.63	1.78	94.33	0.30
11/1/1999	599	0.17	0.02	94.65	0.79	94.48	0.15
12/1/1999	600	0.11	0.02	94.67	0.48	94.57	0.08
1/1/2000	601	0.11	0.02	94.68	0.33	94.62	0.05
2/1/2000	602	0.10	0.01	94.70	0.23	94.65	0.04
3/1/2000	603	0.22	0.03	94.73	0.26	94.68	0.03
4/1/2000	604	0.28	0.04	94.76	0.28	94.72	0.04
5/1/2000	605	0.35	0.05	94.81	0.33	94.77	0.05
6/1/2000	606	0.41	0.06	94.87	0.39	94.82	0.05
7/1/2000	607	0.43	0.06	94.92	0.41	94.87	0.05
8/1/2000	608	6.89	0.93	95.85	5.14	95.41	0.54
9/1/2000	609	3.86	0.52	96.37	3.67	95.93	0.52
10/1/2000	610	1.16	0.16	96.52	1.78	96.23	0.30
11/1/2000	611	0.17	0.02	96.55	0.79	96.38	0.15
12/1/2000	612	0.11	0.02	96.56	0.48	96.46	0.08
1/1/2001	613	0.11	0.02	96.58	0.33	96.51	0.05
2/1/2001	614	0.10	0.01	96.59	0.23	96.55	0.04
3/1/2001	615	0.22	0.03	96.62	0.26	96.58	0.03
4/1/2001	616	0.28	0.04	96.66	0.28	96.62	0.04
5/1/2001	617	0.35	0.05	96.70	0.33	96.67	0.05
6/1/2001	618	0.41	0.06	96.76	0.39	96.72	0.05
7/1/2001	619	0.43	0.06	96.82	0.41	96.76	0.05
8/1/2001	620	6.89	0.93	97.74	5.14	97.30	0.54
9/1/2001	621	3.86	0.52	98.26	3.67	97.82	0.52

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
10/1/2001	622	1.16	0.16	98.42	1.78	98.12	0.30
11/1/2001	623	0.17	0.02	98.44	0.79	98.27	0.15
12/1/2001	624	0.11	0.02	98.46	0.48	98.35	0.08
1/1/2002	625	0.11	0.02	98.47	0.33	98.41	0.05
2/1/2002	626	0.10	0.01	98.48	0.23	98.44	0.04
3/1/2002	627	0.22	0.03	98.51	0.26	98.47	0.03
4/1/2002	628	0.28	0.04	98.55	0.28	98.51	0.04
5/1/2002	629	0.35	0.05	98.60	0.33	98.56	0.05
6/1/2002	630	0.41	0.06	98.65	0.39	98.61	0.05
7/1/2002	631	0.43	0.06	98.71	0.41	98.66	0.05
8/1/2002	632	6.89	0.93	99.64	5.14	99.20	0.54
9/1/2002	633	3.86	0.52	100.15	3.67	99.72	0.52
10/1/2002	634	1.16	0.16	100.31	1.78	100.01	0.30
11/1/2002	635	0.17	0.02	100.33	0.79	100.16	0.15
12/1/2002	636	0.11	0.02	100.35	0.48	100.25	0.08
1/1/2003	637	0.11	0.02	100.36	0.33	100.30	0.05
2/1/2003	638	0.10	0.01	100.38	0.23	100.33	0.04
3/1/2003	639	0.22	0.03	100.41	0.26	100.36	0.03
4/1/2003	640	0.28	0.04	100.44	0.28	100.40	0.04
5/1/2003	641	0.35	0.05	100.49	0.33	100.45	0.05
6/1/2003	642	0.41	0.06	100.55	0.39	100.50	0.05
7/1/2003	643	0.43	0.06	100.60	0.41	100.55	0.05
8/1/2003	644	6.89	0.93	101.53	5.14	101.09	0.54
9/1/2003	645	3.86	0.52	102.05	3.67	101.61	0.52
10/1/2003	646	1.16	0.16	102.20	1.78	101.91	0.30
11/1/2003	647	0.17	0.02	102.23	0.79	102.06	0.15
12/1/2003	648	0.11	0.02	102.24	0.48	102.14	0.08
1/1/2004	649	0.11	0.02	102.26	0.33	102.19	0.05
2/1/2004	650	0.10	0.01	102.27	0.23	102.23	0.04
3/1/2004	651	0.22	0.03	102.30	0.26	102.26	0.03
4/1/2004	652	0.28	0.04	102.34	0.28	102.30	0.04
5/1/2004	653	0.35	0.05	102.38	0.33	102.35	0.05
6/1/2004	654	0.41	0.06	102.44	0.39	102.39	0.05
7/1/2004	655	0.43	0.06	102.50	0.41	102.45	0.05
8/1/2004	656	6.89	0.93	103.42	5.14	102.98	0.54
9/1/2004	657	3.86	0.52	103.94	3.67	103.50	0.52
10/1/2004	658	1.16	0.16	104.10	1.78	103.80	0.30
11/1/2004	659	0.17	0.02	104.12	0.79	103.95	0.15
12/1/2004	660	0.11	0.02	104.14	0.48	104.03	0.08
1/1/2005	661	0.11	0.02	104.15	0.33	104.09	0.05
2/1/2005	662	0.10	0.01	104.16	0.23	104.12	0.04
3/1/2005	663	0.22	0.03	104.19	0.26	104.15	0.03
4/1/2005	664	0.28	0.04	104.23	0.28	104.19	0.04
5/1/2005	665	0.35	0.05	104.28	0.33	104.24	0.05
6/1/2005	666	0.41	0.06	104.33	0.39	104.29	0.05
7/1/2005	667	0.43	0.06	104.39	0.41	104.34	0.05
8/1/2005	668	6.89	0.93	105.32	5.14	104.88	0.54
9/1/2005	669	3.86	0.52	105.83	3.67	105.40	0.52
10/1/2005	670	1.16	0.16	105.99	1.78	105.69	0.30
11/1/2005	671	0.17	0.02	106.01	0.79	105.84	0.15
12/1/2005	672	0.11	0.02	106.03	0.48	105.93	0.08
1/1/2006	673	0.11	0.02	106.04	0.33	105.98	0.05
2/1/2006	674	0.10	0.01	106.06	0.23	106.01	0.04
3/1/2006	675	0.22	0.03	106.09	0.26	106.04	0.03
4/1/2006	676	0.28	0.04	106.12	0.28	106.08	0.04
5/1/2006	677	0.35	0.05	106.17	0.33	106.13	0.05
6/1/2006	678	0.41	0.06	106.23	0.39	106.18	0.05
7/1/2006	679	0.43	0.06	106.28	0.41	106.23	0.05
8/1/2006	680	6.89	0.93	107.21	5.14	106.77	0.54
9/1/2006	681	3.86	0.52	107.73	3.67	107.29	0.52
10/1/2006	682	1.16	0.16	107.88	1.78	107.59	0.30

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
11/1/2006	683	0.17	0.02	107.91	0.79	107.74	0.15
12/1/2006	684	0.11	0.02	107.92	0.48	107.82	0.08
1/1/2007	685	0.11	0.02	107.94	0.33	107.87	0.05
2/1/2007	686	0.10	0.01	107.95	0.23	107.91	0.04
3/1/2007	687	0.22	0.03	107.98	0.26	107.94	0.03
4/1/2007	688	0.28	0.04	108.02	0.28	107.97	0.04
5/1/2007	689	0.35	0.05	108.06	0.33	108.03	0.05
6/1/2007	690	0.41	0.06	108.12	0.39	108.07	0.05
7/1/2007	691	0.43	0.06	108.18	0.41	108.13	0.05
8/1/2007	692	6.89	0.93	109.10	5.14	108.67	0.54
9/1/2007	693	3.86	0.52	109.62	3.67	109.18	0.51
10/1/2007	694	1.16	0.16	109.78	1.78	109.48	0.30
11/1/2007	695	0.17	0.02	109.80	0.79	109.63	0.15
12/1/2007	696	0.11	0.02	109.82	0.48	109.71	0.08
1/1/2008	697	0.11	0.02	109.83	0.33	109.77	0.05
2/1/2008	698	0.10	0.01	109.84	0.23	109.80	0.04
3/1/2008	699	0.22	0.03	109.87	0.26	109.83	0.03
4/1/2008	700	0.28	0.04	109.91	0.28	109.87	0.04
5/1/2008	701	0.35	0.05	109.96	0.33	109.92	0.05
6/1/2008	702	0.41	0.06	110.01	0.39	109.97	0.05
7/1/2008	703	0.43	0.06	110.07	0.41	110.02	0.05
8/1/2008	704	6.89	0.93	111.00	5.14	110.56	0.54
9/1/2008	705	3.86	0.52	111.51	3.67	111.07	0.51
10/1/2008	706	1.16	0.16	111.67	1.78	111.37	0.30
11/1/2008	707	0.17	0.02	111.69	0.79	111.52	0.15
12/1/2008	708	0.11	0.02	111.71	0.48	111.61	0.08
1/1/2009	709	0.11	0.02	111.72	0.33	111.66	0.05
2/1/2009	710	0.10	0.01	111.74	0.23	111.69	0.04
3/1/2009	711	0.22	0.03	111.77	0.26	111.72	0.03
4/1/2009	712	0.28	0.04	111.80	0.28	111.76	0.04
5/1/2009	713	0.35	0.05	111.85	0.33	111.81	0.05
6/1/2009	714	0.41	0.06	111.91	0.39	111.86	0.05
7/1/2009	715	0.43	0.06	111.96	0.41	111.92	0.05
8/1/2009	716	6.89	0.93	112.89	5.14	112.45	0.54
9/1/2009	717	3.86	0.52	113.41	3.67	112.97	0.51
10/1/2009	718	1.16	0.16	113.56	1.78	113.27	0.30
11/1/2009	719	0.17	0.02	113.59	0.79	113.42	0.15
12/1/2009	720	0.11	0.02	113.60	0.48	113.50	0.08

Well Pumping Depletion Model (WPDM)

1. Enter Project Description:

176 Letey Ln
 OWTS Accretions
 From OWTS

2. Select One of the Following Four Aquifer Options:

Option No. 1

Option No. 2

Option No. 3

Option No. 4

Boundary affects approximated by use of an effective stream depletion factor (sdf).

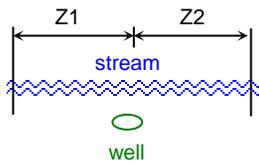
Option No. 2

3. Enter Physical Characteristics:

Clear Data: Click to Clear Data

Aquifer Transmissivity (gpd/ft):	100,000	(Required for Option Nos. 1, 2, or 3 only)
Aquifer Specific Yield:	0.20000	(Required for Option Nos. 1, 2, or 3 only)
Distance X (feet):	62	(Required for Option Nos. 1, 2, or 3 only)
Distance W (feet):	2,959	(Option No. 2 only)
Distance B (feet):		(Option No. 3 only)
sdf:		(Option No. 4 only)

For Option Nos. 1, 2, or 3, do you want to compute depletion for a segment of the stream? No



*Distance Z1 (feet): (enter -99999 for negative infinity)
 *Distance Z2 (feet): (enter 99999 for infinity)

* Z1 can not exceed Z2, and Z2 can not exceed B.

Project Data Summary	
Aquifer Option:	Option No. 2
Transmissivity (gpd/ft):	100,000
Specific Yield:	0.20
Distance X (ft):	62
Distance W (ft):	2,959
Distance B (ft):	0
sdf:	0
Compute Depletion for Stream Segment?:	No
Distance Z1 (ft):	0
Distance Z2 (ft):	0

1. Clear All Previous Pumping Data and Depletion Results (including Item Nos. 3 and 4):

Click to Clear Previous Data & Results

2. Select Time Units:

3) Months

3. Enter Number of Pumping Periods:

720

- Notes: a) Can not be greater than 3,600 periods.
 b) execution time is faster if fewer pumping periods used.

4. Enter Starting Date:

1/1/1950

(e.g., enter 12/01/1950 for December 1, 1950)

5. Pumping Schedule and Depletion Results:

a) Below, enter the Pumping Rate (Col C, yellow cells) corresponding with the associated Pumping Period.

b) Cyclical Data Entry Option (not required):

Enter the number of pumping periods to cycle: 12

Enter the number of cycles: 60

Enter the pumping rates to cycle (Col C, yellow cells).

Click button to cycle data:

Cycle Data

c) After the data have been entered, click on the button below to calculate the resulting stream depletion.

Calculate Stream Depletion

6. Graph:

Select Data to Graph -

6) Volume of Depletion this period

Click Button to Create Graph -

Create Graph

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
1/1/1950	1	0.46	0.06	0.06	0.45	0.06	0.06
2/1/1950	2	0.41	0.06	0.12	0.41	0.11	0.05
3/1/1950	3	0.46	0.06	0.18	0.45	0.17	0.06
4/1/1950	4	0.44	0.06	0.24	0.44	0.23	0.06
5/1/1950	5	0.46	0.06	0.30	0.46	0.30	0.06
6/1/1950	6	0.44	0.06	0.36	0.44	0.35	0.06
7/1/1950	7	0.46	0.06	0.42	0.46	0.42	0.06
8/1/1950	8	0.46	0.06	0.48	0.46	0.48	0.06
9/1/1950	9	0.44	0.06	0.54	0.44	0.54	0.06
10/1/1950	10	0.46	0.06	0.60	0.46	0.60	0.06
11/1/1950	11	0.44	0.06	0.66	0.44	0.66	0.06

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
12/1/1950	12	0.46	0.06	0.73	0.46	0.72	0.06
1/1/1951	13	0.46	0.06	0.79	0.46	0.78	0.06
2/1/1951	14	0.41	0.06	0.84	0.42	0.84	0.06
3/1/1951	15	0.46	0.06	0.90	0.46	0.90	0.06
4/1/1951	16	0.44	0.06	0.96	0.44	0.96	0.06
5/1/1951	17	0.46	0.06	1.03	0.46	1.02	0.06
6/1/1951	18	0.44	0.06	1.09	0.44	1.08	0.06
7/1/1951	19	0.46	0.06	1.15	0.46	1.14	0.06
8/1/1951	20	0.46	0.06	1.21	0.46	1.20	0.06
9/1/1951	21	0.44	0.06	1.27	0.44	1.26	0.06
10/1/1951	22	0.46	0.06	1.33	0.46	1.32	0.06
11/1/1951	23	0.44	0.06	1.39	0.44	1.38	0.06
12/1/1951	24	0.46	0.06	1.45	0.46	1.45	0.06
1/1/1952	25	0.46	0.06	1.51	0.46	1.51	0.06
2/1/1952	26	0.41	0.06	1.57	0.42	1.56	0.06
3/1/1952	27	0.46	0.06	1.63	0.46	1.63	0.06
4/1/1952	28	0.44	0.06	1.69	0.44	1.69	0.06
5/1/1952	29	0.46	0.06	1.75	0.46	1.75	0.06
6/1/1952	30	0.44	0.06	1.81	0.44	1.81	0.06
7/1/1952	31	0.46	0.06	1.87	0.46	1.87	0.06
8/1/1952	32	0.46	0.06	1.94	0.46	1.93	0.06
9/1/1952	33	0.44	0.06	1.99	0.44	1.99	0.06
10/1/1952	34	0.46	0.06	2.06	0.46	2.05	0.06
11/1/1952	35	0.44	0.06	2.12	0.44	2.11	0.06
12/1/1952	36	0.46	0.06	2.18	0.46	2.17	0.06
1/1/1953	37	0.46	0.06	2.24	0.46	2.23	0.06
2/1/1953	38	0.41	0.06	2.29	0.42	2.29	0.06
3/1/1953	39	0.46	0.06	2.36	0.46	2.35	0.06
4/1/1953	40	0.44	0.06	2.42	0.44	2.41	0.06
5/1/1953	41	0.46	0.06	2.48	0.46	2.47	0.06
6/1/1953	42	0.44	0.06	2.54	0.44	2.53	0.06
7/1/1953	43	0.46	0.06	2.60	0.46	2.59	0.06
8/1/1953	44	0.46	0.06	2.66	0.46	2.66	0.06
9/1/1953	45	0.44	0.06	2.72	0.44	2.72	0.06
10/1/1953	46	0.46	0.06	2.78	0.46	2.78	0.06
11/1/1953	47	0.44	0.06	2.84	0.44	2.84	0.06
12/1/1953	48	0.46	0.06	2.90	0.46	2.90	0.06
1/1/1954	49	0.46	0.06	2.97	0.46	2.96	0.06
2/1/1954	50	0.41	0.06	3.02	0.42	3.02	0.06
3/1/1954	51	0.46	0.06	3.08	0.46	3.08	0.06
4/1/1954	52	0.44	0.06	3.14	0.44	3.14	0.06
5/1/1954	53	0.46	0.06	3.20	0.46	3.20	0.06
6/1/1954	54	0.44	0.06	3.26	0.44	3.26	0.06
7/1/1954	55	0.46	0.06	3.33	0.46	3.32	0.06
8/1/1954	56	0.46	0.06	3.39	0.46	3.38	0.06
9/1/1954	57	0.44	0.06	3.45	0.44	3.44	0.06
10/1/1954	58	0.46	0.06	3.51	0.46	3.50	0.06
11/1/1954	59	0.44	0.06	3.57	0.44	3.56	0.06
12/1/1954	60	0.46	0.06	3.63	0.46	3.62	0.06
1/1/1955	61	0.46	0.06	3.69	0.46	3.69	0.06
2/1/1955	62	0.41	0.06	3.75	0.42	3.74	0.06
3/1/1955	63	0.46	0.06	3.81	0.46	3.80	0.06
4/1/1955	64	0.44	0.06	3.87	0.44	3.86	0.06
5/1/1955	65	0.46	0.06	3.93	0.46	3.92	0.06
6/1/1955	66	0.44	0.06	3.99	0.44	3.98	0.06
7/1/1955	67	0.46	0.06	4.05	0.46	4.05	0.06
8/1/1955	68	0.46	0.06	4.11	0.46	4.11	0.06
9/1/1955	69	0.44	0.06	4.17	0.44	4.17	0.06
10/1/1955	70	0.46	0.06	4.23	0.46	4.23	0.06
11/1/1955	71	0.44	0.06	4.29	0.44	4.29	0.06
12/1/1955	72	0.46	0.06	4.36	0.46	4.35	0.06

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
1/1/1956	73	0.46	0.06	4.42	0.46	4.41	0.06
2/1/1956	74	0.41	0.06	4.47	0.42	4.47	0.06
3/1/1956	75	0.46	0.06	4.53	0.46	4.53	0.06
4/1/1956	76	0.44	0.06	4.59	0.44	4.59	0.06
5/1/1956	77	0.46	0.06	4.66	0.46	4.65	0.06
6/1/1956	78	0.44	0.06	4.72	0.44	4.71	0.06
7/1/1956	79	0.46	0.06	4.78	0.46	4.77	0.06
8/1/1956	80	0.46	0.06	4.84	0.46	4.83	0.06
9/1/1956	81	0.44	0.06	4.90	0.44	4.89	0.06
10/1/1956	82	0.46	0.06	4.96	0.46	4.95	0.06
11/1/1956	83	0.44	0.06	5.02	0.44	5.01	0.06
12/1/1956	84	0.46	0.06	5.08	0.46	5.08	0.06
1/1/1957	85	0.46	0.06	5.14	0.46	5.14	0.06
2/1/1957	86	0.41	0.06	5.20	0.42	5.19	0.06
3/1/1957	87	0.46	0.06	5.26	0.46	5.25	0.06
4/1/1957	88	0.44	0.06	5.32	0.44	5.31	0.06
5/1/1957	89	0.46	0.06	5.38	0.46	5.38	0.06
6/1/1957	90	0.44	0.06	5.44	0.44	5.44	0.06
7/1/1957	91	0.46	0.06	5.50	0.46	5.50	0.06
8/1/1957	92	0.46	0.06	5.56	0.46	5.56	0.06
9/1/1957	93	0.44	0.06	5.62	0.44	5.62	0.06
10/1/1957	94	0.46	0.06	5.69	0.46	5.68	0.06
11/1/1957	95	0.44	0.06	5.75	0.44	5.74	0.06
12/1/1957	96	0.46	0.06	5.81	0.46	5.80	0.06
1/1/1958	97	0.46	0.06	5.87	0.46	5.86	0.06
2/1/1958	98	0.41	0.06	5.92	0.42	5.92	0.06
3/1/1958	99	0.46	0.06	5.99	0.46	5.98	0.06
4/1/1958	100	0.44	0.06	6.05	0.44	6.04	0.06
5/1/1958	101	0.46	0.06	6.11	0.46	6.10	0.06
6/1/1958	102	0.44	0.06	6.17	0.44	6.16	0.06
7/1/1958	103	0.46	0.06	6.23	0.46	6.22	0.06
8/1/1958	104	0.46	0.06	6.29	0.46	6.28	0.06
9/1/1958	105	0.44	0.06	6.35	0.44	6.34	0.06
10/1/1958	106	0.46	0.06	6.41	0.46	6.41	0.06
11/1/1958	107	0.44	0.06	6.47	0.44	6.47	0.06
12/1/1958	108	0.46	0.06	6.53	0.46	6.53	0.06
1/1/1959	109	0.46	0.06	6.59	0.46	6.59	0.06
2/1/1959	110	0.41	0.06	6.65	0.42	6.65	0.06
3/1/1959	111	0.46	0.06	6.71	0.46	6.71	0.06
4/1/1959	112	0.44	0.06	6.77	0.44	6.77	0.06
5/1/1959	113	0.46	0.06	6.83	0.46	6.83	0.06
6/1/1959	114	0.44	0.06	6.89	0.44	6.89	0.06
7/1/1959	115	0.46	0.06	6.95	0.46	6.95	0.06
8/1/1959	116	0.46	0.06	7.02	0.46	7.01	0.06
9/1/1959	117	0.44	0.06	7.08	0.44	7.07	0.06
10/1/1959	118	0.46	0.06	7.14	0.46	7.13	0.06
11/1/1959	119	0.44	0.06	7.20	0.44	7.19	0.06
12/1/1959	120	0.46	0.06	7.26	0.46	7.25	0.06
1/1/1960	121	0.46	0.06	7.32	0.46	7.31	0.06
2/1/1960	122	0.41	0.06	7.38	0.42	7.37	0.06
3/1/1960	123	0.46	0.06	7.44	0.46	7.43	0.06
4/1/1960	124	0.44	0.06	7.50	0.44	7.49	0.06
5/1/1960	125	0.46	0.06	7.56	0.46	7.55	0.06
6/1/1960	126	0.44	0.06	7.62	0.44	7.61	0.06
7/1/1960	127	0.46	0.06	7.68	0.46	7.67	0.06
8/1/1960	128	0.46	0.06	7.74	0.46	7.74	0.06
9/1/1960	129	0.44	0.06	7.80	0.44	7.80	0.06
10/1/1960	130	0.46	0.06	7.86	0.46	7.86	0.06
11/1/1960	131	0.44	0.06	7.92	0.44	7.92	0.06
12/1/1960	132	0.46	0.06	7.98	0.46	7.98	0.06
1/1/1961	133	0.46	0.06	8.05	0.46	8.04	0.06

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
2/1/1961	134	0.41	0.06	8.10	0.42	8.10	0.06
3/1/1961	135	0.46	0.06	8.16	0.46	8.16	0.06
4/1/1961	136	0.44	0.06	8.22	0.44	8.22	0.06
5/1/1961	137	0.46	0.06	8.28	0.46	8.28	0.06
6/1/1961	138	0.44	0.06	8.34	0.44	8.34	0.06
7/1/1961	139	0.46	0.06	8.41	0.46	8.40	0.06
8/1/1961	140	0.46	0.06	8.47	0.46	8.46	0.06
9/1/1961	141	0.44	0.06	8.53	0.44	8.52	0.06
10/1/1961	142	0.46	0.06	8.59	0.46	8.58	0.06
11/1/1961	143	0.44	0.06	8.65	0.44	8.64	0.06
12/1/1961	144	0.46	0.06	8.71	0.46	8.71	0.06
1/1/1962	145	0.46	0.06	8.77	0.46	8.77	0.06
2/1/1962	146	0.41	0.06	8.83	0.42	8.82	0.06
3/1/1962	147	0.46	0.06	8.89	0.46	8.88	0.06
4/1/1962	148	0.44	0.06	8.95	0.44	8.94	0.06
5/1/1962	149	0.46	0.06	9.01	0.46	9.01	0.06
6/1/1962	150	0.44	0.06	9.07	0.44	9.07	0.06
7/1/1962	151	0.46	0.06	9.13	0.46	9.13	0.06
8/1/1962	152	0.46	0.06	9.19	0.46	9.19	0.06
9/1/1962	153	0.44	0.06	9.25	0.44	9.25	0.06
10/1/1962	154	0.46	0.06	9.32	0.46	9.31	0.06
11/1/1962	155	0.44	0.06	9.37	0.44	9.37	0.06
12/1/1962	156	0.46	0.06	9.44	0.46	9.43	0.06
1/1/1963	157	0.46	0.06	9.50	0.46	9.49	0.06
2/1/1963	158	0.41	0.06	9.55	0.42	9.55	0.06
3/1/1963	159	0.46	0.06	9.62	0.46	9.61	0.06
4/1/1963	160	0.44	0.06	9.68	0.44	9.67	0.06
5/1/1963	161	0.46	0.06	9.74	0.46	9.73	0.06
6/1/1963	162	0.44	0.06	9.80	0.44	9.79	0.06
7/1/1963	163	0.46	0.06	9.86	0.46	9.85	0.06
8/1/1963	164	0.46	0.06	9.92	0.46	9.91	0.06
9/1/1963	165	0.44	0.06	9.98	0.44	9.97	0.06
10/1/1963	166	0.46	0.06	10.04	0.46	10.04	0.06
11/1/1963	167	0.44	0.06	10.10	0.44	10.10	0.06
12/1/1963	168	0.46	0.06	10.16	0.46	10.16	0.06
1/1/1964	169	0.46	0.06	10.22	0.46	10.22	0.06
2/1/1964	170	0.41	0.06	10.28	0.42	10.27	0.06
3/1/1964	171	0.46	0.06	10.34	0.46	10.34	0.06
4/1/1964	172	0.44	0.06	10.40	0.44	10.40	0.06
5/1/1964	173	0.46	0.06	10.46	0.46	10.46	0.06
6/1/1964	174	0.44	0.06	10.52	0.44	10.52	0.06
7/1/1964	175	0.46	0.06	10.58	0.46	10.58	0.06
8/1/1964	176	0.46	0.06	10.65	0.46	10.64	0.06
9/1/1964	177	0.44	0.06	10.71	0.44	10.70	0.06
10/1/1964	178	0.46	0.06	10.77	0.46	10.76	0.06
11/1/1964	179	0.44	0.06	10.83	0.44	10.82	0.06
12/1/1964	180	0.46	0.06	10.89	0.46	10.88	0.06
1/1/1965	181	0.46	0.06	10.95	0.46	10.94	0.06
2/1/1965	182	0.41	0.06	11.01	0.42	11.00	0.06
3/1/1965	183	0.46	0.06	11.07	0.46	11.06	0.06
4/1/1965	184	0.44	0.06	11.13	0.44	11.12	0.06
5/1/1965	185	0.46	0.06	11.19	0.46	11.18	0.06
6/1/1965	186	0.44	0.06	11.25	0.44	11.24	0.06
7/1/1965	187	0.46	0.06	11.31	0.46	11.30	0.06
8/1/1965	188	0.46	0.06	11.37	0.46	11.37	0.06
9/1/1965	189	0.44	0.06	11.43	0.44	11.43	0.06
10/1/1965	190	0.46	0.06	11.49	0.46	11.49	0.06
11/1/1965	191	0.44	0.06	11.55	0.44	11.55	0.06
12/1/1965	192	0.46	0.06	11.61	0.46	11.61	0.06
1/1/1966	193	0.46	0.06	11.68	0.46	11.67	0.06
2/1/1966	194	0.41	0.06	11.73	0.42	11.73	0.06

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3/1/1966	195	0.46	0.06	11.79	0.46	11.79	0.06
4/1/1966	196	0.44	0.06	11.85	0.44	11.85	0.06
5/1/1966	197	0.46	0.06	11.91	0.46	11.91	0.06
6/1/1966	198	0.44	0.06	11.97	0.44	11.97	0.06
7/1/1966	199	0.46	0.06	12.04	0.46	12.03	0.06
8/1/1966	200	0.46	0.06	12.10	0.46	12.09	0.06
9/1/1966	201	0.44	0.06	12.16	0.44	12.15	0.06
10/1/1966	202	0.46	0.06	12.22	0.46	12.21	0.06
11/1/1966	203	0.44	0.06	12.28	0.44	12.27	0.06
12/1/1966	204	0.46	0.06	12.34	0.46	12.33	0.06
1/1/1967	205	0.46	0.06	12.40	0.46	12.40	0.06
2/1/1967	206	0.41	0.06	12.46	0.42	12.45	0.06
3/1/1967	207	0.46	0.06	12.52	0.46	12.51	0.06
4/1/1967	208	0.44	0.06	12.58	0.44	12.57	0.06
5/1/1967	209	0.46	0.06	12.64	0.46	12.63	0.06
6/1/1967	210	0.44	0.06	12.70	0.44	12.69	0.06
7/1/1967	211	0.46	0.06	12.76	0.46	12.76	0.06
8/1/1967	212	0.46	0.06	12.82	0.46	12.82	0.06
9/1/1967	213	0.44	0.06	12.88	0.44	12.88	0.06
10/1/1967	214	0.46	0.06	12.94	0.46	12.94	0.06
11/1/1967	215	0.44	0.06	13.00	0.44	13.00	0.06
12/1/1967	216	0.46	0.06	13.07	0.46	13.06	0.06
1/1/1968	217	0.46	0.06	13.13	0.46	13.12	0.06
2/1/1968	218	0.41	0.06	13.18	0.42	13.18	0.06
3/1/1968	219	0.46	0.06	13.24	0.46	13.24	0.06
4/1/1968	220	0.44	0.06	13.30	0.44	13.30	0.06
5/1/1968	221	0.46	0.06	13.37	0.46	13.36	0.06
6/1/1968	222	0.44	0.06	13.43	0.44	13.42	0.06
7/1/1968	223	0.46	0.06	13.49	0.46	13.48	0.06
8/1/1968	224	0.46	0.06	13.55	0.46	13.54	0.06
9/1/1968	225	0.44	0.06	13.61	0.44	13.60	0.06
10/1/1968	226	0.46	0.06	13.67	0.46	13.66	0.06
11/1/1968	227	0.44	0.06	13.73	0.44	13.72	0.06
12/1/1968	228	0.46	0.06	13.79	0.46	13.79	0.06
1/1/1969	229	0.46	0.06	13.85	0.46	13.85	0.06
2/1/1969	230	0.41	0.06	13.91	0.42	13.90	0.06
3/1/1969	231	0.46	0.06	13.97	0.46	13.97	0.06
4/1/1969	232	0.44	0.06	14.03	0.44	14.02	0.06
5/1/1969	233	0.46	0.06	14.09	0.46	14.09	0.06
6/1/1969	234	0.44	0.06	14.15	0.44	14.15	0.06
7/1/1969	235	0.46	0.06	14.21	0.46	14.21	0.06
8/1/1969	236	0.46	0.06	14.27	0.46	14.27	0.06
9/1/1969	237	0.44	0.06	14.33	0.44	14.33	0.06
10/1/1969	238	0.46	0.06	14.40	0.46	14.39	0.06
11/1/1969	239	0.44	0.06	14.46	0.44	14.45	0.06
12/1/1969	240	0.46	0.06	14.52	0.46	14.51	0.06
1/1/1970	241	0.46	0.06	14.58	0.46	14.57	0.06
2/1/1970	242	0.41	0.06	14.63	0.42	14.63	0.06
3/1/1970	243	0.46	0.06	14.70	0.46	14.69	0.06
4/1/1970	244	0.44	0.06	14.76	0.44	14.75	0.06
5/1/1970	245	0.46	0.06	14.82	0.46	14.81	0.06
6/1/1970	246	0.44	0.06	14.88	0.44	14.87	0.06
7/1/1970	247	0.46	0.06	14.94	0.46	14.93	0.06
8/1/1970	248	0.46	0.06	15.00	0.46	15.00	0.06
9/1/1970	249	0.44	0.06	15.06	0.44	15.06	0.06
10/1/1970	250	0.46	0.06	15.12	0.46	15.12	0.06
11/1/1970	251	0.44	0.06	15.18	0.44	15.18	0.06
12/1/1970	252	0.46	0.06	15.24	0.46	15.24	0.06
1/1/1971	253	0.46	0.06	15.31	0.46	15.30	0.06
2/1/1971	254	0.41	0.06	15.36	0.42	15.36	0.06
3/1/1971	255	0.46	0.06	15.42	0.46	15.42	0.06

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Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
4/1/1971	256	0.44	0.06	15.48	0.44	15.48	0.06
5/1/1971	257	0.46	0.06	15.54	0.46	15.54	0.06
6/1/1971	258	0.44	0.06	15.60	0.44	15.60	0.06
7/1/1971	259	0.46	0.06	15.66	0.46	15.66	0.06
8/1/1971	260	0.46	0.06	15.73	0.46	15.72	0.06
9/1/1971	261	0.44	0.06	15.79	0.44	15.78	0.06
10/1/1971	262	0.46	0.06	15.85	0.46	15.84	0.06
11/1/1971	263	0.44	0.06	15.91	0.44	15.90	0.06
12/1/1971	264	0.46	0.06	15.97	0.46	15.96	0.06
1/1/1972	265	0.46	0.06	16.03	0.46	16.03	0.06
2/1/1972	266	0.41	0.06	16.09	0.42	16.08	0.06
3/1/1972	267	0.46	0.06	16.15	0.46	16.14	0.06
4/1/1972	268	0.44	0.06	16.21	0.44	16.20	0.06
5/1/1972	269	0.46	0.06	16.27	0.46	16.26	0.06
6/1/1972	270	0.44	0.06	16.33	0.44	16.32	0.06
7/1/1972	271	0.46	0.06	16.39	0.46	16.39	0.06
8/1/1972	272	0.46	0.06	16.45	0.46	16.45	0.06
9/1/1972	273	0.44	0.06	16.51	0.44	16.51	0.06
10/1/1972	274	0.46	0.06	16.57	0.46	16.57	0.06
11/1/1972	275	0.44	0.06	16.63	0.44	16.63	0.06
12/1/1972	276	0.46	0.06	16.70	0.46	16.69	0.06
1/1/1973	277	0.46	0.06	16.76	0.46	16.75	0.06
2/1/1973	278	0.41	0.06	16.81	0.42	16.81	0.06
3/1/1973	279	0.46	0.06	16.87	0.46	16.87	0.06
4/1/1973	280	0.44	0.06	16.93	0.44	16.93	0.06
5/1/1973	281	0.46	0.06	17.00	0.46	16.99	0.06
6/1/1973	282	0.44	0.06	17.06	0.44	17.05	0.06
7/1/1973	283	0.46	0.06	17.12	0.46	17.11	0.06
8/1/1973	284	0.46	0.06	17.18	0.46	17.17	0.06
9/1/1973	285	0.44	0.06	17.24	0.44	17.23	0.06
10/1/1973	286	0.46	0.06	17.30	0.46	17.29	0.06
11/1/1973	287	0.44	0.06	17.36	0.44	17.35	0.06
12/1/1973	288	0.46	0.06	17.42	0.46	17.42	0.06
1/1/1974	289	0.46	0.06	17.48	0.46	17.48	0.06
2/1/1974	290	0.41	0.06	17.54	0.42	17.53	0.06
3/1/1974	291	0.46	0.06	17.60	0.46	17.59	0.06
4/1/1974	292	0.44	0.06	17.66	0.44	17.65	0.06
5/1/1974	293	0.46	0.06	17.72	0.46	17.72	0.06
6/1/1974	294	0.44	0.06	17.78	0.44	17.78	0.06
7/1/1974	295	0.46	0.06	17.84	0.46	17.84	0.06
8/1/1974	296	0.46	0.06	17.90	0.46	17.90	0.06
9/1/1974	297	0.44	0.06	17.96	0.44	17.96	0.06
10/1/1974	298	0.46	0.06	18.03	0.46	18.02	0.06
11/1/1974	299	0.44	0.06	18.09	0.44	18.08	0.06
12/1/1974	300	0.46	0.06	18.15	0.46	18.14	0.06
1/1/1975	301	0.46	0.06	18.21	0.46	18.20	0.06
2/1/1975	302	0.41	0.06	18.26	0.42	18.26	0.06
3/1/1975	303	0.46	0.06	18.33	0.46	18.32	0.06
4/1/1975	304	0.44	0.06	18.39	0.44	18.38	0.06
5/1/1975	305	0.46	0.06	18.45	0.46	18.44	0.06
6/1/1975	306	0.44	0.06	18.51	0.44	18.50	0.06
7/1/1975	307	0.46	0.06	18.57	0.46	18.56	0.06
8/1/1975	308	0.46	0.06	18.63	0.46	18.62	0.06
9/1/1975	309	0.44	0.06	18.69	0.44	18.68	0.06
10/1/1975	310	0.46	0.06	18.75	0.46	18.75	0.06
11/1/1975	311	0.44	0.06	18.81	0.44	18.81	0.06
12/1/1975	312	0.46	0.06	18.87	0.46	18.87	0.06
1/1/1976	313	0.46	0.06	18.93	0.46	18.93	0.06
2/1/1976	314	0.41	0.06	18.99	0.42	18.98	0.06
3/1/1976	315	0.46	0.06	19.05	0.46	19.05	0.06
4/1/1976	316	0.44	0.06	19.11	0.44	19.11	0.06

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Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
5/1/1976	317	0.46	0.06	19.17	0.46	19.17	0.06
6/1/1976	318	0.44	0.06	19.23	0.44	19.23	0.06
7/1/1976	319	0.46	0.06	19.29	0.46	19.29	0.06
8/1/1976	320	0.46	0.06	19.36	0.46	19.35	0.06
9/1/1976	321	0.44	0.06	19.42	0.44	19.41	0.06
10/1/1976	322	0.46	0.06	19.48	0.46	19.47	0.06
11/1/1976	323	0.44	0.06	19.54	0.44	19.53	0.06
12/1/1976	324	0.46	0.06	19.60	0.46	19.59	0.06
1/1/1977	325	0.46	0.06	19.66	0.46	19.65	0.06
2/1/1977	326	0.41	0.06	19.72	0.42	19.71	0.06
3/1/1977	327	0.46	0.06	19.78	0.46	19.77	0.06
4/1/1977	328	0.44	0.06	19.84	0.44	19.83	0.06
5/1/1977	329	0.46	0.06	19.90	0.46	19.89	0.06
6/1/1977	330	0.44	0.06	19.96	0.44	19.95	0.06
7/1/1977	331	0.46	0.06	20.02	0.46	20.01	0.06
8/1/1977	332	0.46	0.06	20.08	0.46	20.08	0.06
9/1/1977	333	0.44	0.06	20.14	0.44	20.14	0.06
10/1/1977	334	0.46	0.06	20.20	0.46	20.20	0.06
11/1/1977	335	0.44	0.06	20.26	0.44	20.26	0.06
12/1/1977	336	0.46	0.06	20.32	0.46	20.32	0.06
1/1/1978	337	0.46	0.06	20.39	0.46	20.38	0.06
2/1/1978	338	0.41	0.06	20.44	0.42	20.44	0.06
3/1/1978	339	0.46	0.06	20.50	0.46	20.50	0.06
4/1/1978	340	0.44	0.06	20.56	0.44	20.56	0.06
5/1/1978	341	0.46	0.06	20.62	0.46	20.62	0.06
6/1/1978	342	0.44	0.06	20.68	0.44	20.68	0.06
7/1/1978	343	0.46	0.06	20.75	0.46	20.74	0.06
8/1/1978	344	0.46	0.06	20.81	0.46	20.80	0.06
9/1/1978	345	0.44	0.06	20.87	0.44	20.86	0.06
10/1/1978	346	0.46	0.06	20.93	0.46	20.92	0.06
11/1/1978	347	0.44	0.06	20.99	0.44	20.98	0.06
12/1/1978	348	0.46	0.06	21.05	0.46	21.04	0.06
1/1/1979	349	0.46	0.06	21.11	0.46	21.11	0.06
2/1/1979	350	0.41	0.06	21.17	0.42	21.16	0.06
3/1/1979	351	0.46	0.06	21.23	0.46	21.22	0.06
4/1/1979	352	0.44	0.06	21.29	0.44	21.28	0.06
5/1/1979	353	0.46	0.06	21.35	0.46	21.35	0.06
6/1/1979	354	0.44	0.06	21.41	0.44	21.40	0.06
7/1/1979	355	0.46	0.06	21.47	0.46	21.47	0.06
8/1/1979	356	0.46	0.06	21.53	0.46	21.53	0.06
9/1/1979	357	0.44	0.06	21.59	0.44	21.59	0.06
10/1/1979	358	0.46	0.06	21.65	0.46	21.65	0.06
11/1/1979	359	0.44	0.06	21.71	0.44	21.71	0.06
12/1/1979	360	0.46	0.06	21.78	0.46	21.77	0.06
1/1/1980	361	0.46	0.06	21.84	0.46	21.83	0.06
2/1/1980	362	0.41	0.06	21.89	0.42	21.89	0.06
3/1/1980	363	0.46	0.06	21.96	0.46	21.95	0.06
4/1/1980	364	0.44	0.06	22.01	0.44	22.01	0.06
5/1/1980	365	0.46	0.06	22.08	0.46	22.07	0.06
6/1/1980	366	0.44	0.06	22.14	0.44	22.13	0.06
7/1/1980	367	0.46	0.06	22.20	0.46	22.19	0.06
8/1/1980	368	0.46	0.06	22.26	0.46	22.25	0.06
9/1/1980	369	0.44	0.06	22.32	0.44	22.31	0.06
10/1/1980	370	0.46	0.06	22.38	0.46	22.38	0.06
11/1/1980	371	0.44	0.06	22.44	0.44	22.44	0.06
12/1/1980	372	0.46	0.06	22.50	0.46	22.50	0.06
1/1/1981	373	0.46	0.06	22.56	0.46	22.56	0.06
2/1/1981	374	0.41	0.06	22.62	0.42	22.61	0.06
3/1/1981	375	0.46	0.06	22.68	0.46	22.68	0.06
4/1/1981	376	0.44	0.06	22.74	0.44	22.74	0.06
5/1/1981	377	0.46	0.06	22.80	0.46	22.80	0.06

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6/1/1981	378	0.44	0.06	22.86	0.44	22.86	0.06
7/1/1981	379	0.46	0.06	22.92	0.46	22.92	0.06
8/1/1981	380	0.46	0.06	22.99	0.46	22.98	0.06
9/1/1981	381	0.44	0.06	23.05	0.44	23.04	0.06
10/1/1981	382	0.46	0.06	23.11	0.46	23.10	0.06
11/1/1981	383	0.44	0.06	23.17	0.44	23.16	0.06
12/1/1981	384	0.46	0.06	23.23	0.46	23.22	0.06
1/1/1982	385	0.46	0.06	23.29	0.46	23.28	0.06
2/1/1982	386	0.41	0.06	23.35	0.42	23.34	0.06
3/1/1982	387	0.46	0.06	23.41	0.46	23.40	0.06
4/1/1982	388	0.44	0.06	23.47	0.44	23.46	0.06
5/1/1982	389	0.46	0.06	23.53	0.46	23.52	0.06
6/1/1982	390	0.44	0.06	23.59	0.44	23.58	0.06
7/1/1982	391	0.46	0.06	23.65	0.46	23.64	0.06
8/1/1982	392	0.46	0.06	23.71	0.46	23.71	0.06
9/1/1982	393	0.44	0.06	23.77	0.44	23.77	0.06
10/1/1982	394	0.46	0.06	23.83	0.46	23.83	0.06
11/1/1982	395	0.44	0.06	23.89	0.44	23.89	0.06
12/1/1982	396	0.46	0.06	23.95	0.46	23.95	0.06
1/1/1983	397	0.46	0.06	24.02	0.46	24.01	0.06
2/1/1983	398	0.41	0.06	24.07	0.42	24.07	0.06
3/1/1983	399	0.46	0.06	24.13	0.46	24.13	0.06
4/1/1983	400	0.44	0.06	24.19	0.44	24.19	0.06
5/1/1983	401	0.46	0.06	24.25	0.46	24.25	0.06
6/1/1983	402	0.44	0.06	24.31	0.44	24.31	0.06
7/1/1983	403	0.46	0.06	24.38	0.46	24.37	0.06
8/1/1983	404	0.46	0.06	24.44	0.46	24.43	0.06
9/1/1983	405	0.44	0.06	24.50	0.44	24.49	0.06
10/1/1983	406	0.46	0.06	24.56	0.46	24.55	0.06
11/1/1983	407	0.44	0.06	24.62	0.44	24.61	0.06
12/1/1983	408	0.46	0.06	24.68	0.46	24.67	0.06
1/1/1984	409	0.46	0.06	24.74	0.46	24.74	0.06
2/1/1984	410	0.41	0.06	24.80	0.42	24.79	0.06
3/1/1984	411	0.46	0.06	24.86	0.46	24.85	0.06
4/1/1984	412	0.44	0.06	24.92	0.44	24.91	0.06
5/1/1984	413	0.46	0.06	24.98	0.46	24.97	0.06
6/1/1984	414	0.44	0.06	25.04	0.44	25.03	0.06
7/1/1984	415	0.46	0.06	25.10	0.46	25.10	0.06
8/1/1984	416	0.46	0.06	25.16	0.46	25.16	0.06
9/1/1984	417	0.44	0.06	25.22	0.44	25.22	0.06
10/1/1984	418	0.46	0.06	25.28	0.46	25.28	0.06
11/1/1984	419	0.44	0.06	25.34	0.44	25.34	0.06
12/1/1984	420	0.46	0.06	25.41	0.46	25.40	0.06
1/1/1985	421	0.46	0.06	25.47	0.46	25.46	0.06
2/1/1985	422	0.41	0.06	25.52	0.42	25.52	0.06
3/1/1985	423	0.46	0.06	25.58	0.46	25.58	0.06
4/1/1985	424	0.44	0.06	25.64	0.44	25.64	0.06
5/1/1985	425	0.46	0.06	25.71	0.46	25.70	0.06
6/1/1985	426	0.44	0.06	25.77	0.44	25.76	0.06
7/1/1985	427	0.46	0.06	25.83	0.46	25.82	0.06
8/1/1985	428	0.46	0.06	25.89	0.46	25.88	0.06
9/1/1985	429	0.44	0.06	25.95	0.44	25.94	0.06
10/1/1985	430	0.46	0.06	26.01	0.46	26.00	0.06
11/1/1985	431	0.44	0.06	26.07	0.44	26.06	0.06
12/1/1985	432	0.46	0.06	26.13	0.46	26.13	0.06
1/1/1986	433	0.46	0.06	26.19	0.46	26.19	0.06
2/1/1986	434	0.41	0.06	26.25	0.42	26.24	0.06
3/1/1986	435	0.46	0.06	26.31	0.46	26.31	0.06
4/1/1986	436	0.44	0.06	26.37	0.44	26.36	0.06
5/1/1986	437	0.46	0.06	26.43	0.46	26.43	0.06
6/1/1986	438	0.44	0.06	26.49	0.44	26.49	0.06

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7/1/1986	439	0.46	0.06	26.55	0.46	26.55	0.06
8/1/1986	440	0.46	0.06	26.61	0.46	26.61	0.06
9/1/1986	441	0.44	0.06	26.67	0.44	26.67	0.06
10/1/1986	442	0.46	0.06	26.74	0.46	26.73	0.06
11/1/1986	443	0.44	0.06	26.80	0.44	26.79	0.06
12/1/1986	444	0.46	0.06	26.86	0.46	26.85	0.06
1/1/1987	445	0.46	0.06	26.92	0.46	26.91	0.06
2/1/1987	446	0.41	0.06	26.97	0.42	26.97	0.06
3/1/1987	447	0.46	0.06	27.04	0.46	27.03	0.06
4/1/1987	448	0.44	0.06	27.10	0.44	27.09	0.06
5/1/1987	449	0.46	0.06	27.16	0.46	27.15	0.06
6/1/1987	450	0.44	0.06	27.22	0.44	27.21	0.06
7/1/1987	451	0.46	0.06	27.28	0.46	27.27	0.06
8/1/1987	452	0.46	0.06	27.34	0.46	27.34	0.06
9/1/1987	453	0.44	0.06	27.40	0.44	27.39	0.06
10/1/1987	454	0.46	0.06	27.46	0.46	27.46	0.06
11/1/1987	455	0.44	0.06	27.52	0.44	27.52	0.06
12/1/1987	456	0.46	0.06	27.58	0.46	27.58	0.06
1/1/1988	457	0.46	0.06	27.64	0.46	27.64	0.06
2/1/1988	458	0.41	0.06	27.70	0.42	27.70	0.06
3/1/1988	459	0.46	0.06	27.76	0.46	27.76	0.06
4/1/1988	460	0.44	0.06	27.82	0.44	27.82	0.06
5/1/1988	461	0.46	0.06	27.88	0.46	27.88	0.06
6/1/1988	462	0.44	0.06	27.94	0.44	27.94	0.06
7/1/1988	463	0.46	0.06	28.00	0.46	28.00	0.06
8/1/1988	464	0.46	0.06	28.07	0.46	28.06	0.06
9/1/1988	465	0.44	0.06	28.13	0.44	28.12	0.06
10/1/1988	466	0.46	0.06	28.19	0.46	28.18	0.06
11/1/1988	467	0.44	0.06	28.25	0.44	28.24	0.06
12/1/1988	468	0.46	0.06	28.31	0.46	28.30	0.06
1/1/1989	469	0.46	0.06	28.37	0.46	28.37	0.06
2/1/1989	470	0.41	0.06	28.43	0.42	28.42	0.06
3/1/1989	471	0.46	0.06	28.49	0.46	28.48	0.06
4/1/1989	472	0.44	0.06	28.55	0.44	28.54	0.06
5/1/1989	473	0.46	0.06	28.61	0.46	28.60	0.06
6/1/1989	474	0.44	0.06	28.67	0.44	28.66	0.06
7/1/1989	475	0.46	0.06	28.73	0.46	28.73	0.06
8/1/1989	476	0.46	0.06	28.79	0.46	28.79	0.06
9/1/1989	477	0.44	0.06	28.85	0.44	28.85	0.06
10/1/1989	478	0.46	0.06	28.91	0.46	28.91	0.06
11/1/1989	479	0.44	0.06	28.97	0.44	28.97	0.06
12/1/1989	480	0.46	0.06	29.04	0.46	29.03	0.06
1/1/1990	481	0.46	0.06	29.10	0.46	29.09	0.06
2/1/1990	482	0.41	0.06	29.15	0.42	29.15	0.06
3/1/1990	483	0.46	0.06	29.21	0.46	29.21	0.06
4/1/1990	484	0.44	0.06	29.27	0.44	29.27	0.06
5/1/1990	485	0.46	0.06	29.34	0.46	29.33	0.06
6/1/1990	486	0.44	0.06	29.40	0.44	29.39	0.06
7/1/1990	487	0.46	0.06	29.46	0.46	29.45	0.06
8/1/1990	488	0.46	0.06	29.52	0.46	29.51	0.06
9/1/1990	489	0.44	0.06	29.58	0.44	29.57	0.06
10/1/1990	490	0.46	0.06	29.64	0.46	29.63	0.06
11/1/1990	491	0.44	0.06	29.70	0.44	29.69	0.06
12/1/1990	492	0.46	0.06	29.76	0.46	29.76	0.06
1/1/1991	493	0.46	0.06	29.82	0.46	29.82	0.06
2/1/1991	494	0.41	0.06	29.88	0.42	29.87	0.06
3/1/1991	495	0.46	0.06	29.94	0.46	29.93	0.06
4/1/1991	496	0.44	0.06	30.00	0.44	29.99	0.06
5/1/1991	497	0.46	0.06	30.06	0.46	30.06	0.06
6/1/1991	498	0.44	0.06	30.12	0.44	30.12	0.06
7/1/1991	499	0.46	0.06	30.18	0.46	30.18	0.06

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
8/1/1991	500	0.46	0.06	30.24	0.46	30.24	0.06
9/1/1991	501	0.44	0.06	30.30	0.44	30.30	0.06
10/1/1991	502	0.46	0.06	30.37	0.46	30.36	0.06
11/1/1991	503	0.44	0.06	30.43	0.44	30.42	0.06
12/1/1991	504	0.46	0.06	30.49	0.46	30.48	0.06
1/1/1992	505	0.46	0.06	30.55	0.46	30.54	0.06
2/1/1992	506	0.41	0.06	30.60	0.42	30.60	0.06
3/1/1992	507	0.46	0.06	30.67	0.46	30.66	0.06
4/1/1992	508	0.44	0.06	30.73	0.44	30.72	0.06
5/1/1992	509	0.46	0.06	30.79	0.46	30.78	0.06
6/1/1992	510	0.44	0.06	30.85	0.44	30.84	0.06
7/1/1992	511	0.46	0.06	30.91	0.46	30.90	0.06
8/1/1992	512	0.46	0.06	30.97	0.46	30.96	0.06
9/1/1992	513	0.44	0.06	31.03	0.44	31.02	0.06
10/1/1992	514	0.46	0.06	31.09	0.46	31.09	0.06
11/1/1992	515	0.44	0.06	31.15	0.44	31.15	0.06
12/1/1992	516	0.46	0.06	31.21	0.46	31.21	0.06
1/1/1993	517	0.46	0.06	31.27	0.46	31.27	0.06
2/1/1993	518	0.41	0.06	31.33	0.42	31.32	0.06
3/1/1993	519	0.46	0.06	31.39	0.46	31.39	0.06
4/1/1993	520	0.44	0.06	31.45	0.44	31.45	0.06
5/1/1993	521	0.46	0.06	31.51	0.46	31.51	0.06
6/1/1993	522	0.44	0.06	31.57	0.44	31.57	0.06
7/1/1993	523	0.46	0.06	31.63	0.46	31.63	0.06
8/1/1993	524	0.46	0.06	31.70	0.46	31.69	0.06
9/1/1993	525	0.44	0.06	31.76	0.44	31.75	0.06
10/1/1993	526	0.46	0.06	31.82	0.46	31.81	0.06
11/1/1993	527	0.44	0.06	31.88	0.44	31.87	0.06
12/1/1993	528	0.46	0.06	31.94	0.46	31.93	0.06
1/1/1994	529	0.46	0.06	32.00	0.46	31.99	0.06
2/1/1994	530	0.41	0.06	32.06	0.42	32.05	0.06
3/1/1994	531	0.46	0.06	32.12	0.46	32.11	0.06
4/1/1994	532	0.44	0.06	32.18	0.44	32.17	0.06
5/1/1994	533	0.46	0.06	32.24	0.46	32.23	0.06
6/1/1994	534	0.44	0.06	32.30	0.44	32.29	0.06
7/1/1994	535	0.46	0.06	32.36	0.46	32.35	0.06
8/1/1994	536	0.46	0.06	32.42	0.46	32.42	0.06
9/1/1994	537	0.44	0.06	32.48	0.44	32.48	0.06
10/1/1994	538	0.46	0.06	32.54	0.46	32.54	0.06
11/1/1994	539	0.44	0.06	32.60	0.44	32.60	0.06
12/1/1994	540	0.46	0.06	32.66	0.46	32.66	0.06
1/1/1995	541	0.46	0.06	32.73	0.46	32.72	0.06
2/1/1995	542	0.41	0.06	32.78	0.42	32.78	0.06
3/1/1995	543	0.46	0.06	32.84	0.46	32.84	0.06
4/1/1995	544	0.44	0.06	32.90	0.44	32.90	0.06
5/1/1995	545	0.46	0.06	32.96	0.46	32.96	0.06
6/1/1995	546	0.44	0.06	33.02	0.44	33.02	0.06
7/1/1995	547	0.46	0.06	33.09	0.46	33.08	0.06
8/1/1995	548	0.46	0.06	33.15	0.46	33.14	0.06
9/1/1995	549	0.44	0.06	33.21	0.44	33.20	0.06
10/1/1995	550	0.46	0.06	33.27	0.46	33.26	0.06
11/1/1995	551	0.44	0.06	33.33	0.44	33.32	0.06
12/1/1995	552	0.46	0.06	33.39	0.46	33.38	0.06
1/1/1996	553	0.46	0.06	33.45	0.46	33.45	0.06
2/1/1996	554	0.41	0.06	33.51	0.42	33.50	0.06
3/1/1996	555	0.46	0.06	33.57	0.46	33.56	0.06
4/1/1996	556	0.44	0.06	33.63	0.44	33.62	0.06
5/1/1996	557	0.46	0.06	33.69	0.46	33.69	0.06
6/1/1996	558	0.44	0.06	33.75	0.44	33.75	0.06
7/1/1996	559	0.46	0.06	33.81	0.46	33.81	0.06
8/1/1996	560	0.46	0.06	33.87	0.46	33.87	0.06

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
9/1/1996	561	0.44	0.06	33.93	0.44	33.93	0.06
10/1/1996	562	0.46	0.06	33.99	0.46	33.99	0.06
11/1/1996	563	0.44	0.06	34.05	0.44	34.05	0.06
12/1/1996	564	0.46	0.06	34.12	0.46	34.11	0.06
1/1/1997	565	0.46	0.06	34.18	0.46	34.17	0.06
2/1/1997	566	0.41	0.06	34.23	0.42	34.23	0.06
3/1/1997	567	0.46	0.06	34.30	0.46	34.29	0.06
4/1/1997	568	0.44	0.06	34.35	0.44	34.35	0.06
5/1/1997	569	0.46	0.06	34.42	0.46	34.41	0.06
6/1/1997	570	0.44	0.06	34.48	0.44	34.47	0.06
7/1/1997	571	0.46	0.06	34.54	0.46	34.53	0.06
8/1/1997	572	0.46	0.06	34.60	0.46	34.59	0.06
9/1/1997	573	0.44	0.06	34.66	0.44	34.65	0.06
10/1/1997	574	0.46	0.06	34.72	0.46	34.72	0.06
11/1/1997	575	0.44	0.06	34.78	0.44	34.78	0.06
12/1/1997	576	0.46	0.06	34.84	0.46	34.84	0.06
1/1/1998	577	0.46	0.06	34.90	0.46	34.90	0.06
2/1/1998	578	0.41	0.06	34.96	0.42	34.95	0.06
3/1/1998	579	0.46	0.06	35.02	0.46	35.02	0.06
4/1/1998	580	0.44	0.06	35.08	0.44	35.08	0.06
5/1/1998	581	0.46	0.06	35.14	0.46	35.14	0.06
6/1/1998	582	0.44	0.06	35.20	0.44	35.20	0.06
7/1/1998	583	0.46	0.06	35.26	0.46	35.26	0.06
8/1/1998	584	0.46	0.06	35.33	0.46	35.32	0.06
9/1/1998	585	0.44	0.06	35.39	0.44	35.38	0.06
10/1/1998	586	0.46	0.06	35.45	0.46	35.44	0.06
11/1/1998	587	0.44	0.06	35.51	0.44	35.50	0.06
12/1/1998	588	0.46	0.06	35.57	0.46	35.56	0.06
1/1/1999	589	0.46	0.06	35.63	0.46	35.62	0.06
2/1/1999	590	0.41	0.06	35.69	0.42	35.68	0.06
3/1/1999	591	0.46	0.06	35.75	0.46	35.74	0.06
4/1/1999	592	0.44	0.06	35.81	0.44	35.80	0.06
5/1/1999	593	0.46	0.06	35.87	0.46	35.86	0.06
6/1/1999	594	0.44	0.06	35.93	0.44	35.92	0.06
7/1/1999	595	0.46	0.06	35.99	0.46	35.98	0.06
8/1/1999	596	0.46	0.06	36.05	0.46	36.05	0.06
9/1/1999	597	0.44	0.06	36.11	0.44	36.11	0.06
10/1/1999	598	0.46	0.06	36.17	0.46	36.17	0.06
11/1/1999	599	0.44	0.06	36.23	0.44	36.23	0.06
12/1/1999	600	0.46	0.06	36.29	0.46	36.29	0.06
1/1/2000	601	0.46	0.06	36.36	0.46	36.35	0.06
2/1/2000	602	0.41	0.06	36.41	0.42	36.41	0.06
3/1/2000	603	0.46	0.06	36.47	0.46	36.47	0.06
4/1/2000	604	0.44	0.06	36.53	0.44	36.53	0.06
5/1/2000	605	0.46	0.06	36.59	0.46	36.59	0.06
6/1/2000	606	0.44	0.06	36.65	0.44	36.65	0.06
7/1/2000	607	0.46	0.06	36.72	0.46	36.71	0.06
8/1/2000	608	0.46	0.06	36.78	0.46	36.77	0.06
9/1/2000	609	0.44	0.06	36.84	0.44	36.83	0.06
10/1/2000	610	0.46	0.06	36.90	0.46	36.89	0.06
11/1/2000	611	0.44	0.06	36.96	0.44	36.95	0.06
12/1/2000	612	0.46	0.06	37.02	0.46	37.01	0.06
1/1/2001	613	0.46	0.06	37.08	0.46	37.08	0.06
2/1/2001	614	0.41	0.06	37.14	0.42	37.13	0.06
3/1/2001	615	0.46	0.06	37.20	0.46	37.19	0.06
4/1/2001	616	0.44	0.06	37.26	0.44	37.25	0.06
5/1/2001	617	0.46	0.06	37.32	0.46	37.31	0.06
6/1/2001	618	0.44	0.06	37.38	0.44	37.37	0.06
7/1/2001	619	0.46	0.06	37.44	0.46	37.44	0.06
8/1/2001	620	0.46	0.06	37.50	0.46	37.50	0.06
9/1/2001	621	0.44	0.06	37.56	0.44	37.56	0.06

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
10/1/2001	622	0.46	0.06	37.62	0.46	37.62	0.06
11/1/2001	623	0.44	0.06	37.68	0.44	37.68	0.06
12/1/2001	624	0.46	0.06	37.75	0.46	37.74	0.06
1/1/2002	625	0.46	0.06	37.81	0.46	37.80	0.06
2/1/2002	626	0.41	0.06	37.86	0.42	37.86	0.06
3/1/2002	627	0.46	0.06	37.92	0.46	37.92	0.06
4/1/2002	628	0.44	0.06	37.98	0.44	37.98	0.06
5/1/2002	629	0.46	0.06	38.05	0.46	38.04	0.06
6/1/2002	630	0.44	0.06	38.11	0.44	38.10	0.06
7/1/2002	631	0.46	0.06	38.17	0.46	38.16	0.06
8/1/2002	632	0.46	0.06	38.23	0.46	38.22	0.06
9/1/2002	633	0.44	0.06	38.29	0.44	38.28	0.06
10/1/2002	634	0.46	0.06	38.35	0.46	38.34	0.06
11/1/2002	635	0.44	0.06	38.41	0.44	38.40	0.06
12/1/2002	636	0.46	0.06	38.47	0.46	38.47	0.06
1/1/2003	637	0.46	0.06	38.53	0.46	38.53	0.06
2/1/2003	638	0.41	0.06	38.59	0.42	38.58	0.06
3/1/2003	639	0.46	0.06	38.65	0.46	38.65	0.06
4/1/2003	640	0.44	0.06	38.71	0.44	38.70	0.06
5/1/2003	641	0.46	0.06	38.77	0.46	38.77	0.06
6/1/2003	642	0.44	0.06	38.83	0.44	38.83	0.06
7/1/2003	643	0.46	0.06	38.89	0.46	38.89	0.06
8/1/2003	644	0.46	0.06	38.95	0.46	38.95	0.06
9/1/2003	645	0.44	0.06	39.01	0.44	39.01	0.06
10/1/2003	646	0.46	0.06	39.08	0.46	39.07	0.06
11/1/2003	647	0.44	0.06	39.14	0.44	39.13	0.06
12/1/2003	648	0.46	0.06	39.20	0.46	39.19	0.06
1/1/2004	649	0.46	0.06	39.26	0.46	39.25	0.06
2/1/2004	650	0.41	0.06	39.31	0.42	39.31	0.06
3/1/2004	651	0.46	0.06	39.38	0.46	39.37	0.06
4/1/2004	652	0.44	0.06	39.44	0.44	39.43	0.06
5/1/2004	653	0.46	0.06	39.50	0.46	39.49	0.06
6/1/2004	654	0.44	0.06	39.56	0.44	39.55	0.06
7/1/2004	655	0.46	0.06	39.62	0.46	39.61	0.06
8/1/2004	656	0.46	0.06	39.68	0.46	39.68	0.06
9/1/2004	657	0.44	0.06	39.74	0.44	39.73	0.06
10/1/2004	658	0.46	0.06	39.80	0.46	39.80	0.06
11/1/2004	659	0.44	0.06	39.86	0.44	39.86	0.06
12/1/2004	660	0.46	0.06	39.92	0.46	39.92	0.06
1/1/2005	661	0.46	0.06	39.99	0.46	39.98	0.06
2/1/2005	662	0.41	0.06	40.04	0.42	40.04	0.06
3/1/2005	663	0.46	0.06	40.10	0.46	40.10	0.06
4/1/2005	664	0.44	0.06	40.16	0.44	40.16	0.06
5/1/2005	665	0.46	0.06	40.22	0.46	40.22	0.06
6/1/2005	666	0.44	0.06	40.28	0.44	40.28	0.06
7/1/2005	667	0.46	0.06	40.34	0.46	40.34	0.06
8/1/2005	668	0.46	0.06	40.41	0.46	40.40	0.06
9/1/2005	669	0.44	0.06	40.47	0.44	40.46	0.06
10/1/2005	670	0.46	0.06	40.53	0.46	40.52	0.06
11/1/2005	671	0.44	0.06	40.59	0.44	40.58	0.06
12/1/2005	672	0.46	0.06	40.65	0.46	40.64	0.06
1/1/2006	673	0.46	0.06	40.71	0.46	40.71	0.06
2/1/2006	674	0.41	0.06	40.77	0.42	40.76	0.06
3/1/2006	675	0.46	0.06	40.83	0.46	40.82	0.06
4/1/2006	676	0.44	0.06	40.89	0.44	40.88	0.06
5/1/2006	677	0.46	0.06	40.95	0.46	40.94	0.06
6/1/2006	678	0.44	0.06	41.01	0.44	41.00	0.06
7/1/2006	679	0.46	0.06	41.07	0.46	41.07	0.06
8/1/2006	680	0.46	0.06	41.13	0.46	41.13	0.06
9/1/2006	681	0.44	0.06	41.19	0.44	41.19	0.06
10/1/2006	682	0.46	0.06	41.25	0.46	41.25	0.06

Pumping Schedule			Pumping Summary		Depletion Summary		
Date	Pumping Period (months)	Pumping Rate (gpm)	Volume Pumped This Period (acre-feet)	Cumul. Volume Pumped (acre-feet)	Depletion Rate (gpm)	Volume of Depletion (acre-feet)	Volume of Depletion This Period (acre-feet)
11/1/2006	683	0.44	0.06	41.31	0.44	41.31	0.06
12/1/2006	684	0.46	0.06	41.38	0.46	41.37	0.06
1/1/2007	685	0.46	0.06	41.44	0.46	41.43	0.06
2/1/2007	686	0.41	0.06	41.49	0.42	41.49	0.06
3/1/2007	687	0.46	0.06	41.55	0.46	41.55	0.06
4/1/2007	688	0.44	0.06	41.61	0.44	41.61	0.06
5/1/2007	689	0.46	0.06	41.68	0.46	41.67	0.06
6/1/2007	690	0.44	0.06	41.74	0.44	41.73	0.06
7/1/2007	691	0.46	0.06	41.80	0.46	41.79	0.06
8/1/2007	692	0.46	0.06	41.86	0.46	41.85	0.06
9/1/2007	693	0.44	0.06	41.92	0.44	41.91	0.06
10/1/2007	694	0.46	0.06	41.98	0.46	41.97	0.06
11/1/2007	695	0.44	0.06	42.04	0.44	42.03	0.06
12/1/2007	696	0.46	0.06	42.10	0.46	42.10	0.06
1/1/2008	697	0.46	0.06	42.16	0.46	42.16	0.06
2/1/2008	698	0.41	0.06	42.22	0.42	42.21	0.06
3/1/2008	699	0.46	0.06	42.28	0.46	42.27	0.06
4/1/2008	700	0.44	0.06	42.34	0.44	42.33	0.06
5/1/2008	701	0.46	0.06	42.40	0.46	42.40	0.06
6/1/2008	702	0.44	0.06	42.46	0.44	42.46	0.06
7/1/2008	703	0.46	0.06	42.52	0.46	42.52	0.06
8/1/2008	704	0.46	0.06	42.58	0.46	42.58	0.06
9/1/2008	705	0.44	0.06	42.64	0.44	42.64	0.06
10/1/2008	706	0.46	0.06	42.71	0.46	42.70	0.06
11/1/2008	707	0.44	0.06	42.77	0.44	42.76	0.06
12/1/2008	708	0.46	0.06	42.83	0.46	42.82	0.06
1/1/2009	709	0.46	0.06	42.89	0.46	42.88	0.06
2/1/2009	710	0.41	0.06	42.94	0.42	42.94	0.06
3/1/2009	711	0.46	0.06	43.01	0.46	43.00	0.06
4/1/2009	712	0.44	0.06	43.07	0.44	43.06	0.06
5/1/2009	713	0.46	0.06	43.13	0.46	43.12	0.06
6/1/2009	714	0.44	0.06	43.19	0.44	43.18	0.06
7/1/2009	715	0.46	0.06	43.25	0.46	43.24	0.06
8/1/2009	716	0.46	0.06	43.31	0.46	43.30	0.06
9/1/2009	717	0.44	0.06	43.37	0.44	43.36	0.06
10/1/2009	718	0.46	0.06	43.43	0.46	43.43	0.06
11/1/2009	719	0.44	0.06	43.49	0.44	43.49	0.06
12/1/2009	720	0.46	0.06	43.55	0.46	43.55	0.06

**APPLICATION FOR WATER ALLOTMENT CONTRACT
BASALT WATER CONSERVANCY DISTRICT**

1. Applicant(s) Contact Information

a. Name:

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b. Mailing Address:

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megeiger@garfieldhecht.com

g. Emergency Local Contact Information, including name, address, telephone, and email:

Winter Bledsoe
Roaring Fork Property Group

208 Aspen Airport Blvd.
Aspen, CO 81611
(970) 901-9914
winter@aspenpropertymngt.com

- h. Contact Information of property manager, caretaker, irrigator, system operator, or agent who should be provided a copy of this contract, including name, address, telephone, and email:

Winter Bledsoe
Roaring Fork Property Group
208 Aspen Airport Blvd.
Aspen, CO 81611
(970) 901-9914
winter@aspenpropertymngt.com

2. Type of land use (development) proposed for water allotment contract (i.e. single family home, subdivision, gravel pit, etc.):

This application is to cover depletions resulting from the diversion of water from two potential wells located on the property. Both wells will be located within 1,000 ft of the Roaring Fork River and will be supplying water to the following demands:

- 1 Dwelling Unit + 1 ADU
- Pool and Hot Tub
- Equestrian Activities
- Irrigation (only supplied by the wells in August, September, October)

In addition, the property owns irrigation shares in the Walthen Ditch. They plan to divert this water through some water features prior to irrigation, and would like the BWCD contract to replace out-of-priority evaporative depletions resulting from the water features.

Tables 1 - 2 attached provides a detailed summary of the property water demands and consumptive demands to be covered by this BWCD contract.

3. Legal description and address of property on which District's water rights and/or contract water will be used (attach map and vesting deed with proof of ownership)*:

The attached **Figure 1** provides project vicinity information.
A copy of the vesting deed is attached.

4. Elevation of property: 7,200 ft
5. Name and legal description of water supply diversion point(s):

Diversion Point 1 – existing well that will be redrilled

Name of Diversion: Existing Well (permit no. 322480-; will be redrilled and be re-permitted)

Type of Diversion: Well

Legal Description: NE Quarter, NW Quarter, Section 8, Township 9S N / S, Range 85W, of the 6th Principal Meridian, at a location _____ feet from the _____ Section line and _____ feet from the _____ Section line.

UTM Coordinates (NAD 83):

Northing: 4350735.0 m _____.

Easting: 335350.0 m _____.

_____ Zone 12 / X Zone 13.

If diversion point is a well, please provide the Well Permit No. 322480- (will be re-permitted)

Is the well operational/active? Yes, but has not yet been redrilled

Is there currently an operating well meter? Yes, a new one will be installed

Notice: A valid well permit with operating well meter will be required under the contract.

Diversion Point 2

Name of Diversion: Proposed Well (permit application in process)

Type of Diversion: Well

Legal Description: NE Quarter, NW Quarter, Section 8, Township 9S N / S, Range 85W, of the 6th Principal Meridian, at a location _____ feet from the _____ Section line and _____ feet from the _____ Section line.

UTM Coordinates (NAD 83):

Northing: 4350907.6 m _____.

Easting: 335449.4 m _____.

_____ Zone 12 / X Zone 13.

If diversion point is a well, please provide the Well Permit No. Permit application in process

Is the well operational/active? Not constructed. Please note that the site plan is still being finalized and the configuration of the wells might change. Any well that is constructed on the property to supply demands will be within 1,000 ft of the Roaring Fork River.

Is there currently an operating well meter? Not constructed

Notice: A valid well permit with operating well meter will be required under the contract.

6. Legal Water Supply: (please check one)

X Applicant requests consideration by the District to be included in the District's Umbrella Plan for Augmentation decreed in Case No. 02CW77.*

*Note: Certain applicants may qualify to be included in the District's Umbrella Plan at the District's discretion. In order to be included in the District's Umbrella Plan, the Applicant's depletions must occur within the District's defined "Area A" and the Applicant must reimburse the District its *pro rata* share of the District's expenses in obtaining the Umbrella Plan decree. Costs of reimbursement are contingent upon location and intensity of the uses, and range from \$1,200 for contractees with less than 2 units (EQRs) in certain areas, to \$5,000 for more than 8 EQRs in

Area A-3 (generally the Roaring Fork drainage above its confluence with the Fryingspan Rivers).

____ Applicant will obtain its own plan for augmentation by applying to the Water Court, Water Division 5 within 2 years of this application. If Applicant has already applied for its own change/approval of plan for augmentation, the Water Court Case Number is: _____.

7. Proposed waste water treatment system: (please check)

- ____ Tap to central waste water treatment facility
 Septic tank/leachfield system
____ Evapotranspiration system
____ Other:

8. Proposed use of water (please check)

- Domestic/Municipal (single family home(s), duplex(s), condominium(s), mobile home(s), apartment). Please complete page four of this application.
____ Commercial (hotel, office, warehouse, restaurant, bar, retail). Please complete page five of this application.
____ Industrial (gravel pit, manufacturing). Please complete page six of this application.
 Agricultural (crop irrigation, stock watering). Please complete page seven of this application.

Date on which the county or other applicable governmental entities approved the land use for which you seek legal water service: Site development plan is being applied for to Pitkin County. (Note: Copy of the Resolution of other documentation evidencing such approval should be submitted with application.)

9. What other water rights are associated with or used on the property?

As briefly mentioned above, the applicant also owns shares of the Walthen Ditch, which is used for irrigation on the property. The BWCD contract application includes irrigation of the same lands August-October to firm up the water supply for this irrigation, in the event the shares do not provide adequate supply. In addition, irrigation water will travel through several water features along the lateral prior to reaching the irrigation system and the BWCD contract needs to replace out-of-priority evaporative depletions resulting from the water features.

10. What other uses of water occur on the property?

Please see the attached **Tables 1 - 2.**

Please complete the section below if you selected domestic/municipal use on Page 3, No. 8

Please see the attached **Tables 1 - 2.**

DOMESTIC/MUNICIPAL WATER USES

In-House

Single family residential home(s)	Number of Units: <u>up to 2</u>
Duplex(s)	Number of Units: _____
Condominium(s)	Number of Units: _____
Apartment(s)	Number of Units/Rooms: _____
Mobile Home(s)	Number of Units: _____

Irrigation (lawns, parks, open space)

Total area to be irrigated _____ Sq. Ft. or 2.5 Acres

1.09 ESM

Type of irrigation system (please check)

+ 1,000 ft² GREEN HOUSE

Sprinkler
 Flood (irrigation ditch)

Domestic stock watering (cattle, horses)

Number of animals: up to 10 horses

Period of use (months): year round

Other domestic/municipal uses not listed:

Evaporation from water features as shown in Tables 1 and 2

Please complete this page if you selected commercial use on Page 3, No. 8

COMMERCIAL WATER USES

In-House

Hotel: _____

Office(s), square footage: _____

Warehouse/distributor, square footage: _____

Retail, square footage: _____

Restaurant, number of seats: _____

Bar, number of seats: _____

Irrigation (lawns, parks, open space)

Total area to be irrigated _____ Sq. Ft. or _____ Acres

Type of irrigation system (please check)

_____ Sprinkler

_____ Flood (irrigation ditch)

Other Commercial Uses Not Listed:

Please complete this page if you selected industrial use on Page 3, No. 8

INDUSTRIAL WATER USES

Please describe your industrial development in some detail:

Irrigation (lawns, parks, open space)

Total area to be irrigated _____ Sq. Ft. or _____ Acres

Type of irrigation system (please check)

_____ Sprinkler
_____ Flood (irrigation ditch)

Please complete this page if you selected agricultural use on Page 3, No. 8.

AGRICULTURAL WATER USE

Irrigation

Type of crop(s) (pasture, alfalfa, beans, etc.) and irrigation system:

Crop: _____	Acres: _____	Sprinkler: _____	Flood:
Crop: _____	Acres: _____	Sprinkler: _____	Flood:
Crop: _____	Acres: _____	Sprinkler: _____	Flood:
Crop: _____	Acres: _____	Sprinkler: _____	Flood:

Stock Watering (cattle, horses)

Number of animals:

Months of use:

Other agricultural uses not listed:

VERIFICATION

STATE OF California)
COUNTY OF Los Angeles) ss.

I, John Parker (name of Applicant or Applicant's duly authorized representative),
being first duly sworn, upon oath, depose and state as follows:

- 1) I am the Applicant or a duly authorized officer, manager, agent or attorney-in-fact for the Applicant for this Application for Water Allotment Contract;
- 2) I have read and know the contents of this Application;
- 3) The information contained herein is an accurate and complete description of the Applicant's intended use of the Basalt Water Conservancy District's water rights;
- 4) The Applicant acknowledges that the accuracy and truth of all statements in this Application are conditions of approval of this Application by the Basalt Water Conservancy District and of the Contract to be made pursuant to such approval; and
- 5) I acknowledge that this application shall be subject to the District's Water Allotment Contract as approved and issued by the District.

Date: _____ By: Tower 14 Lety Lane LLC
Print Name: John Parker
Title: Authorized Representative

Subscribed and sworn before me this ___ day of _____, 20__ by _____.

Witness my hand and seal.

Notary Public

My commission expires:

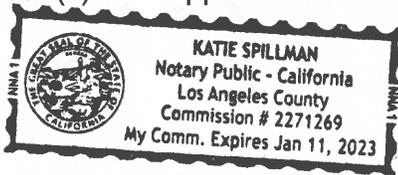
See Attached

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Los Angeles

Subscribed and sworn to (or affirmed) before me on this 16
day of December, 2022, by John Sauter

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.



(Seal)

Signature Katie Spill

Clear Form

Print Form