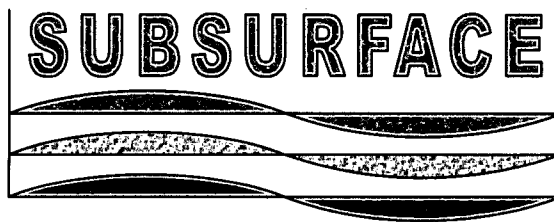


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MONITORING REPORTS

DATE:

2007



**CAVERN WELL CAPACITY EVALUATION
BERRY 'A' FEDERAL BRINE WELL**

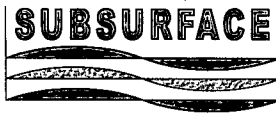
**MACK ENERGY CORPORATION
Artesia, New Mexico**

Subsurface Project No. 60G6016

June 2007

Prepared By:

**SUBSURFACE TECHNOLOGY, INC.
6925 Portwest Drive, Suite 110
Houston, Texas 77024**



**CAVERN WELL CAPACITY EVALUATION
BERRY 'A' FEDERAL BRINE WELL**

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EXECUTIVE SUMMARY

At the request of the New Mexico Oil Conservation Division (New Mexico OCD), Mack Energy Corporation (Mack Energy) was asked to determine the capacity of the Berry 'A' Federal Brine Well (Berry 'A') prior to the wells plugging and abandonment.

Subsurface Technology Inc. (Subsurface) simulated the approximate cavern size and configuration using the commercially available Visual SalGas, Version 2.0 (SalGas).

The results of the simulation indicated a cavern size of approximately 49,973 barrels. The maximum radius of the cavern was determined to be approximately 33 feet at a depth of 586 feet.



1.0 INTRODUCTION

Mack Energy retained Subsurface to model the approximate cavern capacity and configuration of the Berry 'A' brine production well.

Mack Energy plans to plug and abandon the brine production well. The New Mexico OCD requested Mack Energy to determine the capacity of the brine well prior to commencing the plugging operations.

Several methods were considered as to how best to satisfy this request. Conducting a sonar caliper survey was initially considered. However, the Berry 'A' brine production well is completed with a 2-3/8-inch fresh water injection string set at 590 feet. There are no sonar tools currently available in the United States capable of conducting a through-tubing sonar survey in pipe of this size. To conduct a sonar caliper survey, the 2-3/8-inch injection string would have to be removed from the well.

The second method considered and agreed upon by the New Mexico OCD and Mack Energy was the use of the numerical leaching simulator SalGas to approximate the cavern size and configuration.

2.0 HISTORY AND DESCRIPTION OF THE SALGAS NUMERICAL SIMULATION LEACHING MODEL

The flow mechanism in a solution-mined cavity being developed through water circulation varies as the operation continues. Based on various laboratory experiments and the related empirical relations, a numeric leaching model was developed in 1974 (Saberian, 1984).

In 1977, cavern hydraulics calculations were added to the original leaching modeling followed in 1978 with the integration of gaseous pad calculations thus resulting in the creation of the original version of the numerical leaching model SalGas.

The original version of SalGas ran on a mainframe computer and used punch cards for data input. In 1990, Ahmed Saberian configured the original version so that it could

be run on a personal computer. In 1994, Version 2.0 of SalGas was introduced and is the current version of the numerical leaching simulator.

A graphical user interface (Visual SalGas) was developed and incorporated into the leaching simulator in 1994 and provides a menu-based generator for the data input files. SalGas can now be executed from the Visual SalGas interface through a windows environment. The graphical user interface has been improved and upgraded since its initial introduction. The current version is Visual SalGas, Version 1.5 and was used in the numeric leaching simulation of the Berry 'A' brine production well.

SalGas simulates the mining operation by dividing the cavern into a series of circular disks (computational cells) and stacks these disks on top of each other. User defined time increments are input into the model. These time increments are further divided into smaller time increments. Upon initiation of SalGas, the model calculates the salt dissolution and fluid flow in the bottom cell for the first time increment and then for each of the cells above the bottom cell. This cycle is repeated for each of the user defined input times. The simulation is run under isothermal conditions with a temperature of 75°F applied throughout the simulated system.

At the end of the simulation run, a report is generated that includes pertinent information from the simulation such as specific gravity of the produced brine, the radius of the individual cells, total water injected, total brine produced, etc.

Detailed information about the model, theories and formulas used, programming description, flow charts, and model validation are available upon request.

3.0 HISTORY OF THE BERRY 'A' FEDERAL BRINE WELL

On June 26, 1998 while drilling the Berry 'A' brine production well, brine water was encountered at approximately 588 feet. The well was completed open-hole from 425 feet (8-5/8-inch cemented casing shoe) to 646 feet (total depth). One thousand ninety six (1,096) barrels of brine were then produced from the well through January 1, 1999.



On June 29, 1999, the well was deepened to 696 feet and a submersible pump was set at 599 feet. Between July 1, 1999 and January 1, 2000, ninety seven hundred (9,700) barrels of brine were produced from the Berry 'A' brine production well. Operations were then suspended until August 17, 2001.

On August 17, 2001, a 2-7/8-inch injection string was set at 599 feet. Fresh water was injected down the tubing and brine was produced through the tubing-casing annulus.

On November 2, 2001, the 2-7/8-inch hanging string was removed from the well and replaced with a 2-3/8-inch injection string. The 2-3/8-inch injection string was run to a depth of 590 feet in the well. Brine was extracted from the Berry 'A' brine production well via the solution-mining method through 2006. A total of 305,133 barrels of brine water were solution-mined from the Berry 'A' brine production well.

The volumes of brine produced and fresh water injected into the Berry 'A' brine production well are summarized in Table I. The current wellbore schematic is presented in Figure 1.

4.0 REVIEW OF MODELING PARAMETERS AND SIMULATOR CONFIGURATION

The modeling parameters used in the simulation were derived from the information supplied by Mack Energy.

The Berry 'A' brine production well was used on an intermittent basis though out the production history of the well. The production volumes supplied were the yearly total volumes of brine produced and fresh water injected. These volumes were converted to average yearly flow rates in gallons per minute (gpm) between 2001 and 2006.

The total volume of brine produced (10,796 barrels) during the time that the well flowed naturally and during the time that a submersible pump was used to produce brine water, were not included in the simulation as no fresh water was injected and little, if any, solution-mining would have occurred.

The LithoDensity, Compensated Neutron/Gamma Ray log of the offset well, Berry 'A' Federal No. 9, was reviewed for pertinent geologic data regarding the salt formation that the Berry 'A' brine production well is completed in.

The log indicates the top of the salt to be at approximately 485 feet and extends through the total depth of the well at 696 feet. The interval where the initial production of brine occurred (through natural flow and pumping) is indicated on this log between 590 feet and 610 feet.

Another break in the salt sequence is indicated between 655 feet and 610 feet. The increase in the gamma ray response could either be a shale sequence or possibly a potassium carbonate (potash) layer in the salt.

In order to provide a conservative estimate (maximum size) of the cavern capacity, the entire salt interval between 485 feet and 696 feet was assigned a dissolution factor of 1.0.

The increase in the dissolution factor caused by the preferential dissolution of possible potash layers in the salt was not taken into account in the simulation. Additionally, a decrease in the dissolution factor due to any shale sequences in the salt was not accounted for in the simulation either. Thus, the possible effects that either condition might have on the cavern size during the simulation are counterbalanced. A reproduction of a portion of the LithoDensity, Compensated Neutron/Gamma Ray log is included as Appendix A.

The Berry 'A' brine production well was completed with the 8-5/8-inch cemented casing string set at 425 feet which is in the shale layer above the top of the salt at 485 feet. To avoid solution-mining this shale layer, the 8-5/8-inch cemented casing string in the simulation runs was lowered to the top of the salt at 485 feet and an incompressible pad was placed at this depth. Configuring the simulator in this fashion prevents the unwanted dissolution of the shale sequence above the top of the salt.

The initial simulation run was conducted with the 2-7/8-inch injection string

positioned at 599 feet. The fresh water injected was assigned a specific gravity of 1.0. The initial specific gravity of the produced brine was assigned a value of 1.176 (9.8-ppg brine as recorded by Mack Energy). The cavern was divided into one-foot increments (computational cells) with an initial borehole radius of 0.3177 feet. The initial leaching simulation at 599 feet was run for 78 days.

The simulation was then restarted using the cavern size and brine specific gravity at the individual cavern depths as calculated from the initial 78-day simulated leaching period. A 2-3/8-inch injection string was positioned at 590 feet and the cavern was again divided into one-foot increments. The simulation was restarted and run for an additional 1885 days. The 1885-day injection period was further divided into six yearly time segments with individual brine production rates assigned to each segment. The production rates were derived from the total amount of brine produced during the particular year modeled.

Table II summarizes the selected input values used in the leaching simulation.

5.0 SIMULATION RESULTS

The results of the final simulation indicate a total cavern volume of 49,973 barrels with a maximum radius of 33 feet at a depth of 586 feet. The amount of brine produced from the simulation was 305,009 barrels which is comparable to the total reported amount of brine produced (305,133 barrels).

The amount of fresh water injected as calculated from the simulation was 316,021 barrels. A volume of 381,416 barrels of fresh water was reported injected during the duration of the solution-mining operations. It is suspected that the excess fresh water that was reported used during the leaching operations was lost to the depleted salt water producing interval between 590 feet and 610 feet.

The reported amount of brine water produced was 305,133 barrels. One barrel of saturated brine water contains approximately 123.09 pounds of salt (Halliburton, 2001). Therefore, approximately 37,558,821 pounds of salt were produced during the solution-mining operations. One cubic foot of salt weighs approximately 135 pounds,

thus, the amount of salt produced was approximately 278,213 cubic feet. Converting cubic feet to barrels (0.1781 cubic feet per barrel) yields a cavern volume of 49,550 barrels which compares favorably to the simulated cavern volume of 49,973 barrels.

The results from the leaching simulation are summarized in Table III. A graphical representation of the simulated cavern configuration during each year of the solution-mining process is presented in Figure 2. The output files generated from the leaching simulation are presented in Appendix B.

6.0 CONCLUSIONS

The cavern volume derived from actual field data compares favorably with the value generated from the SalGas leaching simulator, thus indicating the simulated cavern volume of 49,973 barrels represents a reasonable approximation of the cavern size.

With the submittal of this document to the New Mexico OCD, all requirements for determining the approximate capacity of the Berry 'A' brine production well will have been satisfied.

7.0 REFERENCES

1. Solution Mining Research Institute, Research Project Report No. 84-0003A-S, SalGas User's Manual, A. Saberian, September 1984.
2. Halliburton Cementing Tables, Physical Properties of Sodium Chloride Solutions, Page 64, 2001.





TABLE I

MACK ENERGY CORPORATION
BERRY 'A' FEDERAL BRINE WELL

SUMMARY OF INJECTION AND PRODUCTION DATA

Start Period	End Period	Cumm. Days	Total Fresh In (barrels)	Total Brine Out (barrels)	Total Fresh In (gallons)	Total Brine Out (gallons)	Total Fresh In (average gpm)	Total Brine Out (average gpm)	Comments
08/17/01	11/02/01	78	13,875	11,100	582,769	466,220	5.188	4.151	2-7/8-inch @ 599 feet
11/02/01	12/31/01	137	10,496	8,397	440,813	352,654	5.188	4.151	2-3/8-inch @ 590 feet
01/01/02	12/31/02	502	60,215	48,172	2,529,030	2,023,224	4.812	3.849	
01/01/03	12/31/03	867	69,700	55,760	2,927,400	2,341,920	5.570	4.456	
01/01/04	12/31/04	1233	47,973	38,378	2,014,866	1,611,876	3.823	3.058	
01/01/05	12/31/05	1598	39,606	31,685	1,663,452	1,330,770	3.165	2.532	
01/01/06	12/31/06	1963	139,551	111,641	5,861,142	4,688,922	11.151	8.921	
Total Fluid:			381,416	305,133	16,019,472	12,815,586			

TABLE II

MACK ENERGY CORPORATION
BERRY 'A' FEDERAL BRINE WELL

SUMMARY OF SIMULATION INPUT PARAMETERS

Input Data with 2-7/8-inch injection tubing at 599 feet			Restart Data with 2-7/8-inch injection tubing at 590 feet		
Depth to Oil Pad (feet)			Depth to Oil Pad (feet)		
Depth to Bottom of Injection Tubing (feet)			Depth to Bottom of Injection Tubing (feet)		
Salt Thickness Exposed to Active Dissolution (feet)			Salt Thickness Exposed to Active Dissolution (feet)		
Outside Diameter of the Casing (inches)			Outside Diameter of the Casing (inches)		
Outside Diameter of the Injection String (inches)			Outside Diameter of the Injection String (inches)		
Specific Gravity of Salt			Specific Gravity of Salt		
Number of Disc-Shaped Computational Cells			Number of Disc-Shaped Computational Cells		
Injection Level at Computational Node Number			Injection Level at Computational Node Number		
Production Level at Computational Node Number			Production Level at Computational Node Number		
Number of Cavity Physical Data Print Outs			Number of Cavity Physical Data Print Outs		
Production Data Print Frequency			Production Data Print Frequency		
Specific Gravity of Fresh or Saline Injection Fluid			Specific Gravity of Fresh or Saline Injection Fluid		
Rate Data			Rate Data		
Time	Rate		Time	Rate	
(days)	(gpm)		(days)	(gpm)	
78	4.15		59	4.15	
			424	3.85	
			789	4.46	
			1155	3.06	
			1520	2.53	
			1885	8.92	

pure calc 7.55.01 Factor = 1

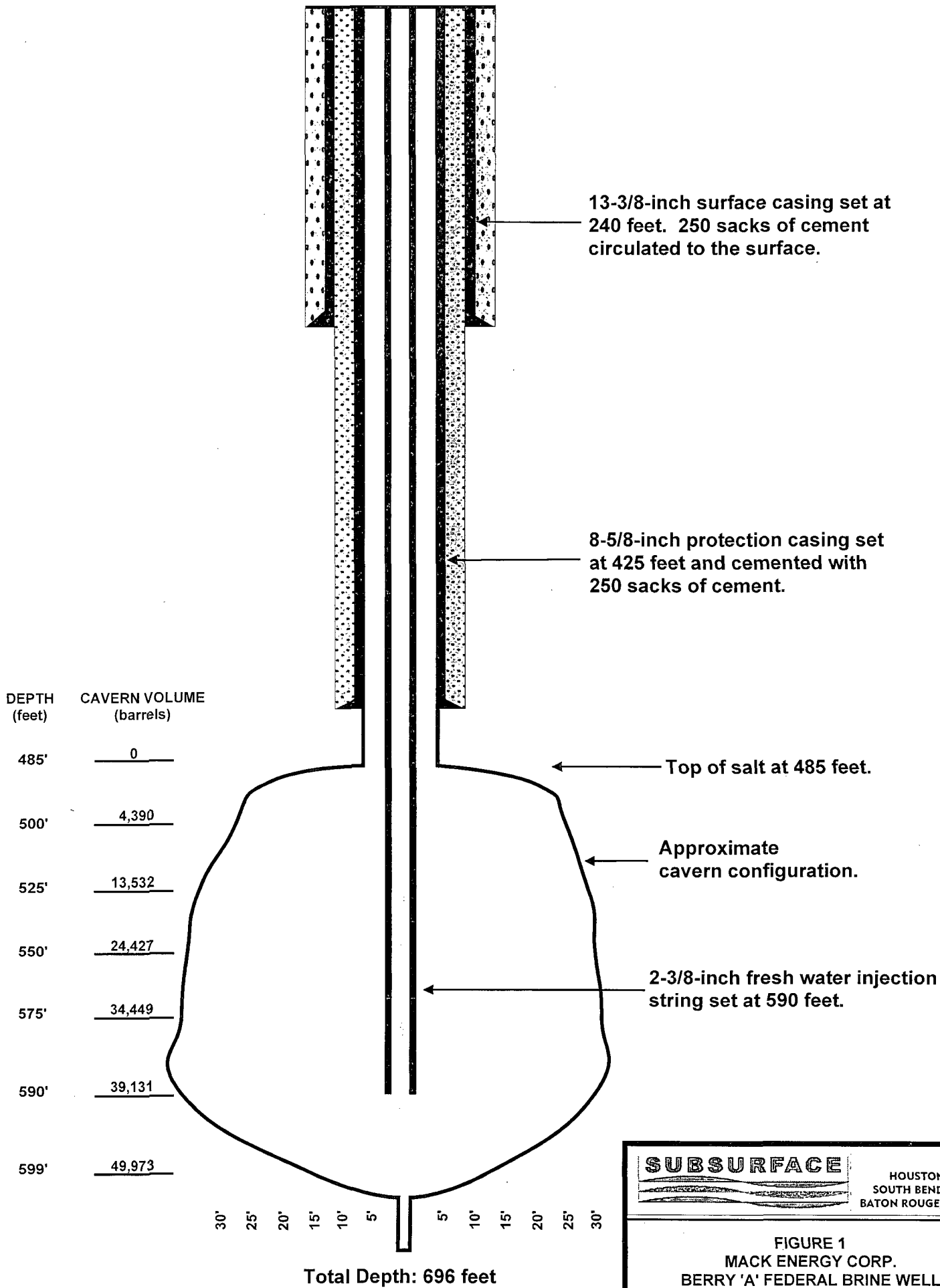
TABLE III

MACK ENERGY CORPORATION
BERRY 'A' FEDERAL BRINE WELL

SUMMARY OF SIMULATION RESULTS

Start Period	End Period	Actual Fresh Water (barrels)	Simulated Fresh Water (barrels)	Actual Brine Water (barrels)	Simulated Brine Water (barrels)	Cavern Volume (barrels)	Comments
08/17/01	11/02/01	13,875	11,504	11,100	11,101	1,811	2-7/8-inch @ 599 feet.
11/02/01	12/31/01	10,496	8,708	8,397	8,397	3,210	2-3/8-inch @ 590 feet.
01/01/02	12/31/02	60,215	49,953	48,172	48,192	11,355	
01/01/03	12/31/03	69,700	57,672	55,760	55,680	20,604	
01/01/04	12/31/04	47,973	39,787	38,378	38,318	26,984	
01/01/05	12/31/05	39,606	32,841	31,685	31,686	32,275	
01/01/06	12/31/06	139,551	115,556	111,641	111,635	49,973	
Total Fluid:		381,416	316,021	305,133	305,009		





SUBSURFACE

HOUSTON, TX.
SOUTH BEND, IN.
BATON ROUGE, LA.

FIGURE 1
MACK ENERGY CORP.
BERRY 'A' FEDERAL BRINE WELL

Date: 06/25/07	Checked By:	Job No.: 60G6016
Drawn By: LKM	Approved By:	File: BERRY A.DS4

MACK ENERGY CORPORATION
BERRY 'A' FEDERAL BRINE WELL
YEARLY CAVERN CONFIGURATION

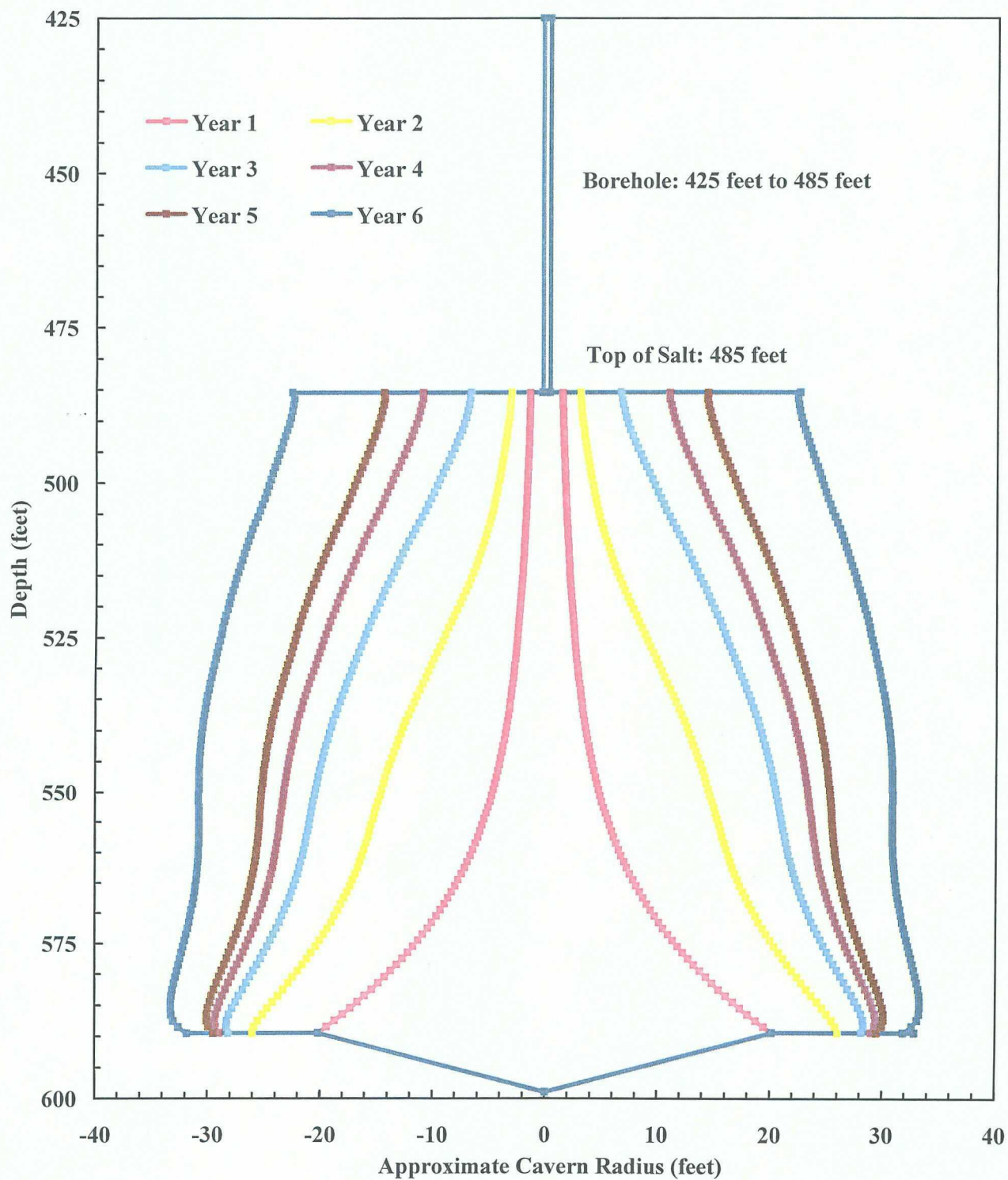


FIGURE 2



APPENDIX A

COMPANY: Mack Energy Corporation**WELL: Berry 'A' Federal No. 9****FIELD: Loco Hills Paddock****COUNTY: Eddy****STATE: New Mexico**

COUNTY: Eddy Field: Loco Hills Paddock Location: 1775 FNL and 990 FWL Well: Berry 'A' Federal No. 9 Company: Mack Energy Corporation			Platform Express			
			Three Detector LithoDens Compensated Neutron / C			
	LOCATION	1775 FNL and 990 FWL			Elev.: K.B. 3656 F	
					G.L. 3644 F	
			D.F. 3655 F			
	Permanent Datum: <u>Ground Level</u>			Elev.: <u>3644 F</u>		
	Log Measured From: <u>Kelly Bushing</u>			12.0 F above Perm. Dat		
	Drilling Measured From: <u>Kelly Bushing</u>					
	API Serial No. 30-015-29566		SECTION 21	TOWNSHIP 17S	RANGE 30E	
Logging Date		31-March-1998				
Run Number		One				
Depth Driller		4922 F				
Schlumberger Depth		4920 F				
Bottom Log Interval		4902 F				
Top Log Interval		175 F				
Casing Driller Size @ Depth		8.625 IN @ 1059 F @				
Casing Schlumberger		1044 F				
Bit Size		7.875 IN				
Type Fluid In Hole		Brine Starch				
MUD	Density	Viscosity	10 LB/G	29 S		
	Fluid Loss	PH	22 C3	10		
	Source Of Sample		Circulation Tank			
	RM @ Measured Temperature		0.135 OHMM	@ 76 DEGF	@	
RMF @ Measured Temperature		0.101 OHMM	@ 76 DEGF	@		
RMC @ Measured Temperature			@	@		
Source RMF	RMC	Calculated				
RM @ MRT	RMF @ MRT	0.107 @ 98	0.080 @ 98	@	@	
Maximum Recorded Temperatures		98 DEGF				
Circulation Stopped	Time	31-March-1998	10:00			
Logger On Bottom	Time	31-March-1998	13:30			
Unit Number	Location	3015	Roswell, NM			
Recorded By		Brad A. Woodard				
Witnessed By		Tony Hall / Matt Brewer				

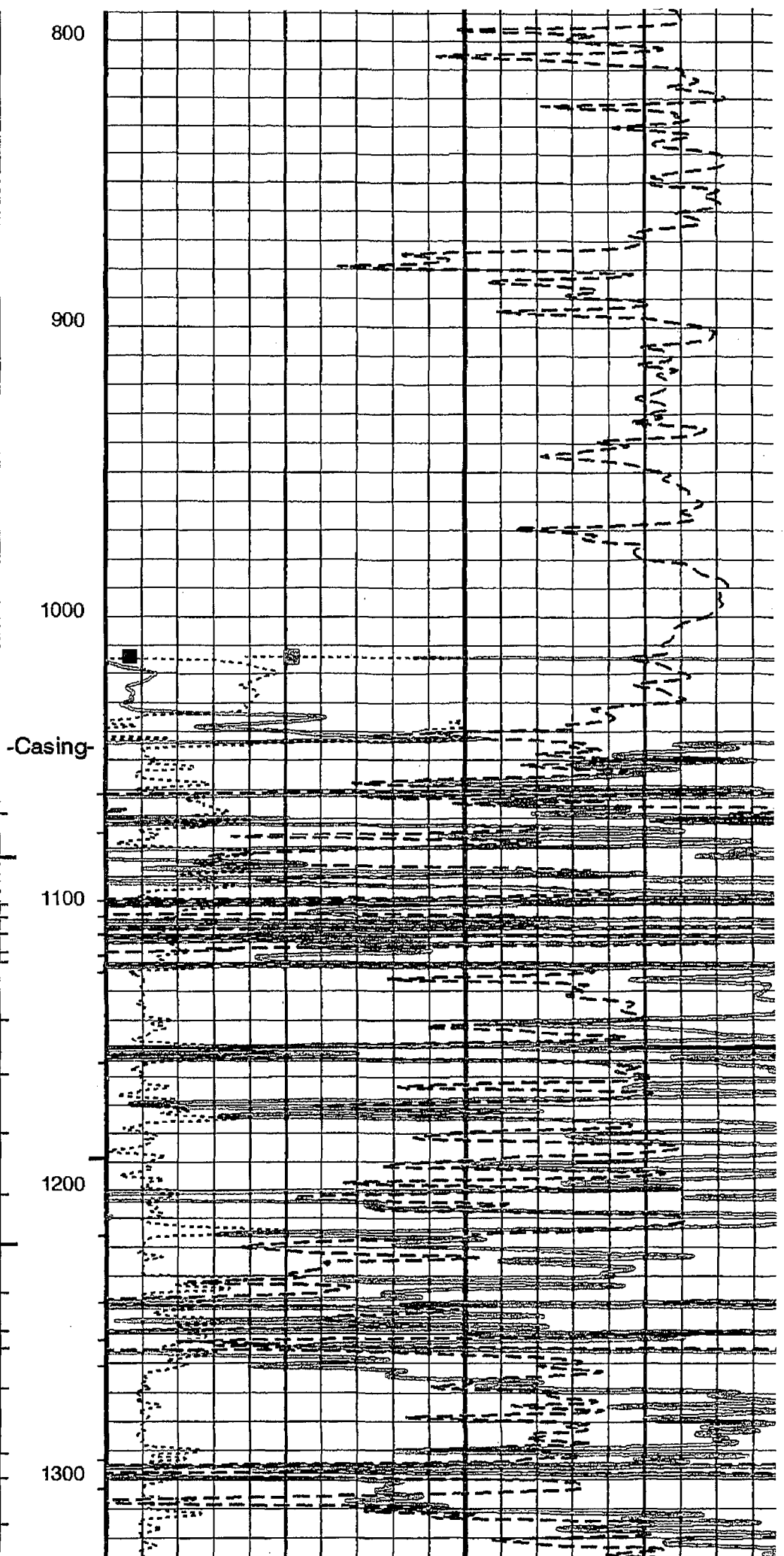
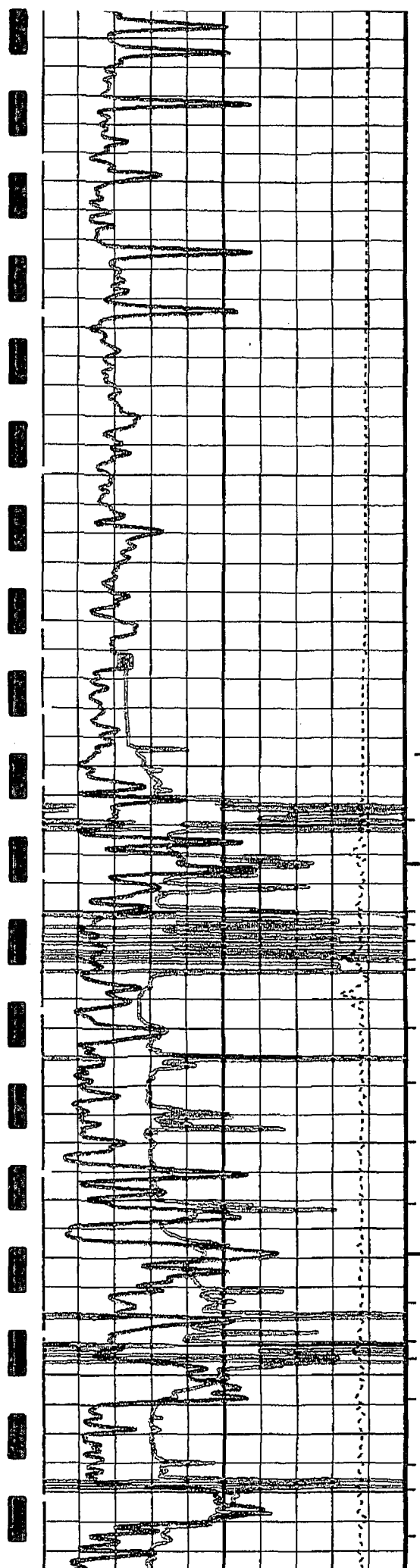
Gamma Ray Backup

-0.05

(G/C3)

0.45





APPENDIX B

Input Data

Depth to Oil Pad (feet)	485.00
Depth to Bottom of Injection Tubing (feet)	599.00
Salt Thickness Exposed to Active Dissolution (feet)	114.00
Outside Diameter of the Casing (inches)	8.62
Outside Diameter of the Injection String (inches)	2.88
Specific Gravity of Salt	2.16
Number of Disc-Shaped Computational Cells	114.00
Injection Level at Computational Node Number	1.00
Production Level at Computational Node Number	115.00
Number of Cavity Physical Data Print Outs	1.00
Production Data Print Frequency	1.00
Specific Gravity of Fresh or Saline Injection Fluid	4.00

Rate Data

Time (J) (days)	Q(J) (gpm)
78	4.15

Initial Cavern Parameters

Height (feet)	Depth (feet)	Radius (feet)	Brine (sp.gr.)
113.5	485.5	0.32	1.176
112.5	486.5	0.32	1.176
111.5	487.5	0.32	1.176
110.5	488.5	0.32	1.176
109.5	489.5	0.32	1.176
108.5	490.5	0.32	1.176
107.5	491.5	0.32	1.176
106.5	492.5	0.32	1.176
105.5	493.5	0.32	1.176
104.5	494.5	0.32	1.176
103.5	495.5	0.32	1.176
102.5	496.5	0.32	1.176

101.5	497.5	0.32	1.176
100.5	498.5	0.32	1.176
99.5	499.5	0.32	1.176
98.5	500.5	0.32	1.176
97.5	501.5	0.32	1.176
96.5	502.5	0.32	1.176
95.5	503.5	0.32	1.176
94.5	504.5	0.32	1.176
93.5	505.5	0.32	1.176
92.5	506.5	0.32	1.176
91.5	507.5	0.32	1.176
90.5	508.5	0.32	1.176
89.5	509.5	0.32	1.176
88.5	510.5	0.32	1.176
87.5	511.5	0.32	1.176
86.5	512.5	0.32	1.176
85.5	513.5	0.32	1.176
84.5	514.5	0.32	1.176
83.5	515.5	0.32	1.176
82.5	516.5	0.32	1.176
81.5	517.5	0.32	1.176
80.5	518.5	0.32	1.176
79.5	519.5	0.32	1.176
78.5	520.5	0.32	1.176
77.5	521.5	0.32	1.176
76.5	522.5	0.32	1.176
75.5	523.5	0.32	1.176
74.5	524.5	0.32	1.176
73.5	525.5	0.32	1.176
72.5	526.5	0.32	1.176
71.5	527.5	0.32	1.176
70.5	528.5	0.32	1.176
69.5	529.5	0.32	1.176
68.5	530.5	0.32	1.176
67.5	531.5	0.32	1.176
66.5	532.5	0.32	1.176
65.5	533.5	0.32	1.176
64.5	534.5	0.32	1.176
63.5	535.5	0.32	1.176
62.5	536.5	0.32	1.176

61.5	537.5	0.32	1.176
60.5	538.5	0.32	1.176
59.5	539.5	0.32	1.176
58.5	540.5	0.32	1.176
57.5	541.5	0.32	1.176
56.5	542.5	0.32	1.176
55.5	543.5	0.32	1.176
54.5	544.5	0.32	1.176
53.5	545.5	0.32	1.176
52.5	546.5	0.32	1.176
51.5	547.5	0.32	1.176
50.5	548.5	0.32	1.176
49.5	549.5	0.32	1.176
48.5	550.5	0.32	1.176
47.5	551.5	0.32	1.176
46.5	552.5	0.32	1.176
45.5	553.5	0.32	1.176
44.5	554.5	0.32	1.176
43.5	555.5	0.32	1.176
42.5	556.5	0.32	1.176
41.5	557.5	0.32	1.176
40.5	558.5	0.32	1.176
39.5	559.5	0.32	1.176
38.5	560.5	0.32	1.176
37.5	561.5	0.32	1.176
36.5	562.5	0.32	1.176
35.5	563.5	0.32	1.176
34.5	564.5	0.32	1.176
33.5	565.5	0.32	1.176
32.5	566.5	0.32	1.176
31.5	567.5	0.32	1.176
30.5	568.5	0.32	1.176
29.5	569.5	0.32	1.176
28.5	570.5	0.32	1.176
27.5	571.5	0.32	1.176
26.5	572.5	0.32	1.176
25.5	573.5	0.32	1.176
24.5	574.5	0.32	1.176
23.5	575.5	0.32	1.176
22.5	576.5	0.32	1.176

21.5	577.5	0.32	1.176
20.5	578.5	0.32	1.176
19.5	579.5	0.32	1.176
18.5	580.5	0.32	1.176
17.5	581.5	0.32	1.176
16.5	582.5	0.32	1.176
15.5	583.5	0.32	1.176
14.5	584.5	0.32	1.176
13.5	585.5	0.32	1.176
12.5	586.5	0.32	1.176
11.5	587.5	0.32	1.176
10.5	588.5	0.32	1.176
9.5	589.5	0.32	1.176
8.5	590.5	0.32	1.176
7.5	591.5	0.32	1.176
6.5	592.5	0.32	1.176
5.5	593.5	0.32	1.176
4.5	594.5	0.32	1.176
3.5	595.5	0.32	1.176
2.5	596.5	0.32	1.176
1.5	597.5	0.32	1.176
0.5	598.5	0.32	1.176

Time (days)	Produced Brine (% sat.)	Produced Brine (sp. gr.)	Daily Salt Production (tons/day)	Daily Salt Dissolution (tons/day)	Cavity Volume (barrels)	Salt in Solution (tons)	Total Salt Dissolved (tons)	Total Salt Produced (tons)	Total Water Injected (barrels)	Total Brine Produced (barrels)
1	85.61	1.1747	6.47	6.95	24.80	0.78	6.95	6.48	146.80	142.40
2	89.08	1.1813	6.91	7.65	45.02	1.52	14.60	13.39	293.90	284.70
3	90.90	1.1847	7.10	7.92	65.93	2.34	22.52	20.49	441.00	427.00
4	92.07	1.1870	7.22	8.08	87.28	3.20	30.60	27.71	588.20	569.40
5	92.91	1.1885	7.30	8.19	108.91	4.10	38.79	35.00	735.40	711.60
6	93.55	1.1897	7.35	8.28	130.79	5.02	47.07	42.36	882.70	853.90
7	94.05	1.1907	7.40	8.35	152.85	5.97	55.42	49.76	1,030.00	996.30
8	94.47	1.1915	7.44	8.40	175.06	6.93	63.83	57.20	1,177.50	1,138.70
9	94.82	1.1921	7.47	8.45	197.35	7.91	72.27	64.66	1,324.70	1,280.80
10	95.12	1.1927	7.49	8.49	219.77	8.91	80.75	72.15	1,472.00	1,423.10
11	95.38	1.1932	7.51	8.52	242.31	9.92	89.29	79.67	1,619.60	1,565.70
12	95.60	1.1936	7.53	8.55	264.90	10.94	97.84	87.21	1,767.00	1,708.00

13	95.81	1.1940	7.55	8.58	287.56	11.97	106.41	94.75	1,914.40	1,850.30
14	95.99	1.1944	7.56	8.60	310.26	13.00	115.01	102.31	2,061.70	1,992.40
15	96.15	1.1947	7.58	8.62	333.08	14.05	123.64	109.90	2,209.30	2,135.00
16	96.30	1.1949	7.59	8.64	355.89	15.10	132.28	117.48	2,356.60	2,277.10
17	96.43	1.1952	7.60	8.66	378.75	16.16	140.93	125.08	2,503.90	2,419.30
18	96.56	1.1954	7.61	8.68	401.71	17.23	149.62	132.70	2,651.60	2,561.80
19	96.67	1.1956	7.62	8.69	424.69	18.30	158.32	140.32	2,799.10	2,704.20
20	96.78	1.1958	7.63	8.71	447.69	19.38	167.03	147.95	2,946.60	2,846.50
21	96.88	1.1960	7.64	8.72	470.73	20.47	175.75	155.59	3,094.00	2,988.80
22	96.97	1.1962	7.65	8.73	493.81	21.55	184.48	163.24	3,241.50	3,131.20
23	97.06	1.1964	7.65	8.75	516.89	22.65	193.22	170.88	3,388.80	3,273.30
24	97.14	1.1965	7.66	8.76	540.04	23.74	201.99	178.55	3,536.50	3,415.80
25	97.21	1.1967	7.67	8.77	563.19	24.85	210.75	186.21	3,683.80	3,558.00
26	97.29	1.1968	7.67	8.78	586.34	25.95	219.51	193.87	3,831.10	3,700.10
27	97.35	1.1969	7.68	8.79	609.61	27.06	228.32	201.57	3,979.00	3,842.80
28	97.42	1.1970	7.68	8.79	632.84	28.17	237.11	209.25	4,126.40	3,985.10
29	97.48	1.1972	7.69	8.80	656.06	29.29	245.90	216.92	4,273.70	4,127.20
30	97.54	1.1973	7.69	8.81	679.32	30.41	254.71	224.61	4,421.10	4,269.40
31	97.59	1.1974	7.70	8.82	702.66	31.53	263.54	232.32	4,568.90	4,412.00
32	97.64	1.1975	7.70	8.83	725.93	32.65	272.35	240.00	4,716.10	4,554.00
33	97.69	1.1976	7.70	8.83	749.32	33.78	281.20	247.72	4,864.00	4,696.70
34	97.74	1.1977	7.71	8.84	772.66	34.92	290.04	255.43	5,011.40	4,838.90
35	97.78	1.1977	7.71	8.85	796.01	36.05	298.88	263.14	5,158.90	4,981.20
36	97.83	1.1978	7.71	8.85	819.36	37.18	307.71	270.84	5,306.10	5,123.30
37	97.87	1.1979	7.72	8.86	842.76	38.32	316.57	278.56	5,453.70	5,265.60
38	97.91	1.1980	7.72	8.86	866.20	39.46	325.44	286.29	5,601.40	5,408.10
39	97.95	1.1980	7.72	8.87	889.66	40.61	334.33	294.03	5,749.10	5,550.60
40	97.99	1.1981	7.73	8.87	913.07	41.75	343.19	301.74	5,896.40	5,692.70
41	98.02	1.1982	7.73	8.88	936.55	42.90	352.07	309.48	6,044.10	5,835.20
42	98.06	1.1982	7.73	8.88	960.02	44.05	360.96	317.21	6,191.60	5,977.50
43	98.09	1.1983	7.74	8.89	983.46	45.20	369.83	324.94	6,339.00	6,119.60
44	98.12	1.1984	7.74	8.89	1,006.96	46.36	378.73	332.68	6,486.50	6,261.90
45	98.15	1.1984	7.74	8.90	1,030.49	47.51	387.63	340.43	6,634.20	6,404.40
46	98.18	1.1985	7.74	8.90	1,053.96	48.67	396.52	348.16	6,781.50	6,546.50
47	98.21	1.1985	7.75	8.90	1,077.55	49.83	405.45	355.92	6,929.40	6,689.20
48	98.24	1.1986	7.75	8.91	1,101.05	50.99	414.34	363.66	7,076.70	6,831.30
49	98.26	1.1986	7.75	8.91	1,124.56	52.15	423.24	371.40	7,224.00	6,973.40
50	98.29	1.1987	7.75	8.92	1,148.15	53.32	432.17	379.16	7,371.80	7,115.90
51	98.32	1.1987	7.75	8.92	1,171.72	54.48	441.09	386.92	7,519.40	7,258.20
52	98.34	1.1988	7.76	8.92	1,195.27	55.65	450.01	394.67	7,666.70	7,400.40

53	98.36	1.1988	7.76	8.93	1,218.88	56.82	458.95	402.43	7,814.50	7,542.90
54	98.39	1.1989	7.76	8.93	1,242.45	57.99	467.87	410.19	7,961.90	7,685.10
55	98.41	1.1989	7.76	8.93	1,266.08	59.16	476.81	417.95	8,109.60	7,827.50
56	98.43	1.1990	7.76	8.94	1,289.64	60.34	485.73	425.70	8,256.90	7,969.60
57	98.45	1.1990	7.76	8.94	1,313.24	61.51	494.67	433.47	8,404.30	8,111.80
58	98.47	1.1990	7.77	8.94	1,336.88	62.69	503.61	441.23	8,551.90	8,254.20
59	98.49	1.1991	7.77	8.95	1,360.54	63.87	512.57	449.01	8,699.60	8,396.70
60	98.51	1.1991	7.77	8.95	1,384.22	65.05	521.53	456.79	8,847.40	8,539.20
61	98.53	1.1991	7.77	8.95	1,407.81	66.22	530.46	464.55	8,994.60	8,681.20
62	98.55	1.1992	7.77	8.95	1,431.51	67.41	539.43	472.33	9,142.40	8,823.70
63	98.57	1.1992	7.77	8.96	1,455.10	68.59	548.36	480.09	9,289.60	8,965.70
64	98.59	1.1992	7.78	8.96	1,478.80	69.77	557.34	487.87	9,437.30	9,108.20
65	98.60	1.1993	7.78	8.96	1,502.50	70.96	566.30	495.65	9,585.00	9,250.60
66	98.62	1.1993	7.78	8.96	1,526.18	72.14	575.27	503.43	9,732.50	9,392.90
67	98.64	1.1993	7.78	8.97	1,549.84	73.33	584.22	511.20	9,879.90	9,535.00
68	98.65	1.1994	7.78	8.97	1,573.59	74.52	593.21	519.00	10,027.80	9,677.60
69	98.67	1.1994	7.78	8.97	1,597.31	75.71	602.19	526.79	10,175.40	9,820.10
70	98.68	1.1994	7.78	8.97	1,621.00	76.90	611.16	534.57	10,322.90	9,962.30
71	98.70	1.1995	7.78	8.98	1,644.65	78.09	620.11	542.33	10,470.10	10,104.20
72	98.71	1.1995	7.79	8.98	1,668.37	79.28	629.09	550.12	10,617.70	10,246.60
73	98.73	1.1995	7.79	8.98	1,692.16	80.48	638.10	557.93	10,765.60	10,389.30
74	98.74	1.1995	7.79	8.98	1,715.90	81.67	647.09	565.72	10,913.30	10,531.70
75	98.75	1.1996	7.79	8.98	1,739.59	82.87	656.05	573.49	11,060.60	10,673.70
76	98.77	1.1996	7.79	8.99	1,763.34	84.06	665.04	581.29	11,208.20	10,816.10
77	98.78	1.1996	7.79	8.99	1,787.15	85.26	674.05	589.09	11,356.10	10,958.70
78	98.79	1.1996	7.79	8.99	1,810.88	86.46	683.04	596.88	11,503.50	11,100.90

SURVEY No. 1

Time (days)	78.004
Incremental Time (hours)	6.976
Production Rate (gpm)	4.151
Injection Rate (gpm)	4.303
Injection/Production Ratio (gal/gal)	1.037
Mass Balance	1.000

Cell No.	Cell Height (feet)	Depth (feet)	Radius (feet)	Cavity Brine (sp. gravity)	Plume Brine (sp. gravity)	Plume		Inclination (degrees)	Cell Volume (barrels)	Cumm. Volume (barrels)
						Flow (gpm)	Plume (gpm)			
114	113.5	485.5	1.14	1.1997	1.1996	8.52		90	0.73	0.73
113	112.5	486.5	1.14	1.1996	1.1996	8.55		90	0.73	1.46
112	111.5	487.5	1.15	1.1996	1.1996	8.63		90	0.74	2.20
111	110.5	488.5	1.16	1.1996	1.1995	8.71		90	0.76	2.96
110	109.5	489.5	1.17	1.1995	1.1995	8.80		90	0.77	3.73
109	108.5	490.5	1.19	1.1995	1.1994	8.89		90	0.79	4.52
108	107.5	491.5	1.20	1.1994	1.1994	8.98		90	0.80	5.32
107	106.5	492.5	1.21	1.1994	1.1994	9.07		90	0.82	6.14
106	105.5	493.5	1.22	1.1994	1.1993	9.17		90	0.83	6.97
105	104.5	494.5	1.23	1.1993	1.1993	9.27		90	0.85	7.82
104	103.5	495.5	1.25	1.1993	1.1992	9.38		90	0.87	8.69
103	102.5	496.5	1.26	1.1992	1.1992	9.48		90	0.89	9.57
102	101.5	497.5	1.27	1.1992	1.1991	9.59		90	0.90	10.48
101	100.5	498.5	1.28	1.1991	1.1991	9.71		90	0.92	11.40
100	99.5	499.5	1.30	1.1991	1.1990	9.83		90	0.94	12.34
99	98.5	500.5	1.31	1.1990	1.1990	9.95		90	0.96	13.30
98	97.5	501.5	1.33	1.1990	1.1989	10.08		90	0.98	14.29
97	96.5	502.5	1.34	1.1989	1.1989	10.21		90	1.01	15.29
96	95.5	503.5	1.36	1.1989	1.1988	10.35		90	1.03	16.32
95	94.5	504.5	1.37	1.1988	1.1988	10.49		90	1.05	17.38
94	93.5	505.5	1.39	1.1988	1.1987	10.63		90	1.08	18.45
93	92.5	506.5	1.40	1.1987	1.1986	10.79		90	1.10	19.55
92	91.5	507.5	1.42	1.1986	1.1986	10.94		90	1.13	20.68
91	90.5	508.5	1.44	1.1986	1.1985	11.11		90	1.16	21.84
90	89.5	509.5	1.45	1.1985	1.1984	11.28		91	1.18	23.02
89	88.5	510.5	1.47	1.1984	1.1984	11.46		91	1.21	24.23
88	87.5	511.5	1.49	1.1984	1.1983	11.64		91	1.24	25.48
87	86.5	512.5	1.51	1.1983	1.1982	11.83		91	1.28	26.75
86	85.5	513.5	1.53	1.1982	1.1982	12.03		91	1.31	28.06
85	84.5	514.5	1.55	1.1982	1.1981	12.24		91	1.34	29.41
84	83.5	515.5	1.57	1.1981	1.1980	12.46		91	1.38	30.79
83	82.5	516.5	1.59	1.1980	1.1979	12.69		91	1.42	32.20
82	81.5	517.5	1.61	1.1979	1.1978	12.92		91	1.46	33.66
81	80.5	518.5	1.64	1.1978	1.1978	13.17		91	1.50	35.16
80	79.5	519.5	1.66	1.1978	1.1977	13.43		91	1.54	36.70
79	78.5	520.5	1.68	1.1977	1.1976	13.70		91	1.58	38.28

78	77.5	521.5	1.71	1.1976	1.1975	13.98	91	1.63	39.91
77	76.5	522.5	1.73	1.1975	1.1974	14.27	91	1.68	41.59
76	75.5	523.5	1.76	1.1974	1.1973	14.58	91	1.73	43.33
75	74.5	524.5	1.79	1.1973	1.1972	14.90	91	1.79	45.11
74	73.5	525.5	1.81	1.1972	1.1971	15.24	91	1.84	46.95
73	72.5	526.5	1.84	1.1971	1.1970	15.60	91	1.90	48.85
72	71.5	527.5	1.87	1.1970	1.1968	15.97	91	1.96	50.82
71	70.5	528.5	1.90	1.1968	1.1967	16.36	91	2.03	52.84
70	69.5	529.5	1.94	1.1967	1.1966	16.77	91	2.10	54.94
69	68.5	530.5	1.97	1.1966	1.1965	17.21	91	2.17	57.11
68	67.5	531.5	2.00	1.1965	1.1963	17.66	91	2.24	59.35
67	66.5	532.5	2.04	1.1963	1.1962	18.14	92	2.32	61.67
66	65.5	533.5	2.07	1.1962	1.1961	18.65	92	2.41	64.08
65	64.5	534.5	2.11	1.1961	1.1959	19.18	92	2.50	66.58
64	63.5	535.5	2.15	1.1959	1.1958	19.75	92	2.59	69.17
63	62.5	536.5	2.19	1.1958	1.1956	20.34	92	2.69	71.86
62	61.5	537.5	2.23	1.1956	1.1954	20.97	92	2.79	74.65
61	60.5	538.5	2.28	1.1954	1.1953	21.64	92	2.90	77.56
60	59.5	539.5	2.32	1.1953	1.1951	22.35	92	3.02	80.58
59	58.5	540.5	2.37	1.1951	1.1949	23.10	92	3.15	83.72
58	57.5	541.5	2.42	1.1949	1.1947	23.89	92	3.28	87.00
57	56.5	542.5	2.47	1.1947	1.1945	24.73	92	3.42	90.42
56	55.5	543.5	2.52	1.1945	1.1943	25.63	93	3.57	93.99
55	54.5	544.5	2.58	1.1943	1.1941	26.58	93	3.72	97.71
54	53.5	545.5	2.64	1.1941	1.1939	27.59	93	3.89	101.60
53	52.5	546.5	2.70	1.1939	1.1936	28.67	93	4.07	105.67
52	51.5	547.5	2.76	1.1936	1.1934	29.82	93	4.26	109.94
51	50.5	548.5	2.83	1.1934	1.1931	31.05	93	4.47	114.40
50	49.5	549.5	2.89	1.1931	1.1929	32.36	93	4.68	119.09
49	48.5	550.5	2.96	1.1929	1.1926	33.76	94	4.92	124.01
48	47.5	551.5	3.04	1.1926	1.1923	35.26	94	5.17	129.17
47	46.5	552.5	3.12	1.1923	1.1921	36.86	94	5.43	134.61
46	45.5	553.5	3.20	1.1921	1.1918	38.58	94	5.72	140.32
45	44.5	554.5	3.28	1.1918	1.1914	40.43	94	6.02	146.35
44	43.5	555.5	3.37	1.1914	1.1911	42.40	95	6.35	152.70
43	42.5	556.5	3.46	1.1911	1.1908	44.54	95	6.71	159.41
42	41.5	557.5	3.56	1.1908	1.1904	46.81	95	7.08	166.49
41	40.5	558.5	3.66	1.1904	1.1901	49.25	95	7.49	173.98
40	39.5	559.5	3.76	1.1901	1.1897	51.90	96	7.93	181.91
39	38.5	560.5	3.87	1.1897	1.1893	54.74	96	8.40	190.31

38	37.5	561.5	3.99	1.1893	1.1889	57.80	96	8.91	199.22
37	36.5	562.5	4.11	1.1889	1.1885	61.10	97	9.46	208.68
36	35.5	563.5	4.24	1.1885	1.1881	64.67	97	10.05	218.73
35	34.5	564.5	4.37	1.1881	1.1876	68.51	97	10.69	229.42
34	33.5	565.5	4.51	1.1876	1.1872	72.67	98	11.38	240.79
33	32.5	566.5	4.65	1.1872	1.1867	77.15	98	12.12	252.92
32	31.5	567.5	4.81	1.1867	1.1862	82.01	98	12.93	265.85
31	30.5	568.5	4.97	1.1862	1.1857	87.25	99	13.80	279.65
30	29.5	569.5	5.13	1.1857	1.1852	92.93	99	14.74	294.39
29	28.5	570.5	5.31	1.1852	1.1847	99.08	100	15.76	310.16
28	27.5	571.5	5.49	1.1847	1.1842	105.73	100	16.87	327.03
27	26.5	572.5	5.68	1.1842	1.1836	112.93	101	18.06	345.09
26	25.5	573.5	5.88	1.1836	1.1830	120.72	101	19.36	364.45
25	24.5	574.5	6.09	1.1830	1.1824	129.17	102	20.76	385.21
24	23.5	575.5	6.31	1.1824	1.1818	138.32	102	22.28	407.49
23	22.5	576.5	6.54	1.1818	1.1812	148.22	103	23.93	431.42
22	21.5	577.5	6.78	1.1812	1.1806	158.95	103	25.71	457.13
21	20.5	578.5	7.03	1.1806	1.1799	170.57	104	27.64	484.76
20	19.5	579.5	7.29	1.1799	1.1793	183.16	104	29.73	514.49
19	18.5	580.5	7.56	1.1793	1.1786	196.78	105	31.99	546.48
18	17.5	581.5	7.85	1.1786	1.1779	211.52	106	34.44	580.92
17	16.5	582.5	8.14	1.1779	1.1772	227.47	106	37.09	618.01
16	15.5	583.5	8.45	1.1772	1.1765	244.74	107	39.95	657.96
15	14.5	584.5	8.77	1.1765	1.1758	263.40	108	43.05	701.01
14	13.5	585.5	9.11	1.1758	1.1750	283.58	108	46.41	747.42
13	12.5	586.5	9.46	1.1750	1.1743	305.41	109	50.03	797.45
12	11.5	587.5	9.82	1.1743	1.1735	328.98	110	53.94	851.39
11	10.5	588.5	10.20	1.1735	1.1727	354.42	111	58.17	909.56
10	9.5	589.5	10.59	1.1727	1.1719	381.89	111	62.73	972.30
9	8.5	590.5	11.00	1.1719	1.1711	411.53	112	67.65	1,039.95
8	7.5	591.5	11.42	1.1711	1.1703	443.50	113	72.96	1,112.91
7	6.5	592.5	11.86	1.1703	1.1695	477.96	114	78.69	1,191.60
6	5.5	593.5	12.31	1.1695	1.1687	515.13	114	84.86	1,276.46
5	4.5	594.5	12.79	1.1687	1.1678	555.15	115	91.51	1,367.96
4	3.5	595.5	13.28	1.1678	1.1669	598.24	116	98.66	1,466.62
3	2.5	596.5	13.79	1.1669	1.1661	644.61	117	106.36	1,572.98
2	1.5	597.5	14.31	1.1661	1.1652	694.22	117	114.60	1,687.58
1	0.5	598.5	14.84	1.1652	1.0000	4.31	118	123.30	1,810.88

96.5	493.5	1.34	1.1989
95.5	494.5	1.36	1.1989
94.5	495.5	1.37	1.1988
93.5	496.5	1.39	1.1988
92.5	497.5	1.40	1.1987
91.5	498.5	1.42	1.1986
90.5	499.5	1.44	1.1986
89.5	500.5	1.45	1.1985
88.5	501.5	1.47	1.1985
87.5	502.5	1.49	1.1984
86.5	503.5	1.51	1.1983
85.5	504.5	1.53	1.1982
84.5	505.5	1.55	1.1982
83.5	506.5	1.57	1.1981
82.5	507.5	1.59	1.1980
81.5	508.5	1.61	1.1979
80.5	509.5	1.64	1.1978
79.5	510.5	1.66	1.1978
78.5	511.5	1.68	1.1977
77.5	512.5	1.71	1.1976
76.5	513.5	1.73	1.1975
75.5	514.5	1.76	1.1974
74.5	515.5	1.79	1.1973
73.5	516.5	1.81	1.1972
72.5	517.5	1.84	1.1971
71.5	518.5	1.87	1.1970
70.5	519.5	1.90	1.1968
69.5	520.5	1.94	1.1967
68.5	521.5	1.97	1.1966
67.5	522.5	2.00	1.1965
66.5	523.5	2.04	1.1963
65.5	524.5	2.07	1.1962
64.5	525.5	2.11	1.1961
63.5	526.5	2.15	1.1959
62.5	527.5	2.19	1.1958
61.5	528.5	2.23	1.1956
60.5	529.5	2.28	1.1954
59.5	530.5	2.32	1.1953
58.5	531.5	2.37	1.1951
57.5	532.5	2.42	1.1949

56.5	533.5	2.47	1.1947
55.5	534.5	2.52	1.1945
54.5	535.5	2.58	1.1943
53.5	536.5	2.64	1.1941
52.5	537.5	2.70	1.1939
51.5	538.5	2.76	1.1936
50.5	539.5	2.83	1.1934
49.5	540.5	2.89	1.1931
48.5	541.5	2.96	1.1929
47.5	542.5	3.04	1.1926
46.5	543.5	3.12	1.1923
45.5	544.5	3.20	1.1921
44.5	545.5	3.28	1.1918
43.5	546.5	3.37	1.1914
42.5	547.5	3.46	1.1911
41.5	548.5	3.56	1.1908
40.5	549.5	3.66	1.1904
39.5	550.5	3.76	1.1901
38.5	551.5	3.87	1.1897
37.5	552.5	3.99	1.1893
36.5	553.5	4.11	1.1889
35.5	554.5	4.24	1.1885
34.5	555.5	4.37	1.1881
33.5	556.5	4.51	1.1877
32.5	557.5	4.65	1.1872
31.5	558.5	4.81	1.1867
30.5	559.5	4.97	1.1862
29.5	560.5	5.13	1.1857
28.5	561.5	5.31	1.1852
27.5	562.5	5.49	1.1847
26.5	563.5	5.68	1.1842
25.5	564.5	5.88	1.1836
24.5	565.5	6.09	1.1830
23.5	566.5	6.31	1.1824
22.5	567.5	6.54	1.1818
21.5	568.5	6.78	1.1812
20.5	569.5	7.03	1.1806
19.5	570.5	7.29	1.1799
18.5	571.5	7.56	1.1793
17.5	572.5	7.85	1.1786

Time (days)	Produced Brine		Produced Brine (sp. gr.)	Daily Salt Production (tons/day)	Daily Salt Dissolution (tons/day)	Cavity Volume (barrels)	Salt in Solution (tons)	Total Salt		Total Salt Produced (tons)	Total Water		Total Brine Produced (barrels)
	(% sat.)							Dissolved (tons)			Injected (barrels)		
16.5	573.5	8.14	1.1779										
15.5	574.5	8.45	1.1772										
14.5	575.5	8.77	1.1765										
13.5	576.5	9.11	1.1758										
12.5	577.5	9.46	1.1750										
11.5	578.5	9.82	1.1743										
10.5	579.5	10.20	1.1735										
9.5	580.5	10.59	1.1727										
8.5	581.5	11.00	1.1719										
7.5	582.5	11.42	1.1711										
6.5	583.5	11.86	1.1703										
5.5	584.5	12.31	1.1695										
4.5	585.5	12.79	1.1687										
3.5	586.5	13.28	1.1678										
2.5	587.5	13.79	1.1670										
1.5	588.5	14.31	1.1661										
0.5	589.5	14.84	1.1652										
1	98.70	1.1995	7.78	8.94	1,827.59	87.24	8.96	7.80	147.90	142.70			
2	98.75	1.1996	7.79	8.94	1,851.16	88.40	17.88	15.57	295.10	284.70			
3	98.77	1.1996	7.79	8.96	1,874.94	89.57	26.88	23.39	443.30	427.50			
4	98.78	1.1996	7.79	8.98	1,898.62	90.76	35.85	31.17	590.60	569.70			
5	98.79	1.1996	7.79	8.99	1,922.33	91.95	44.83	38.96	738.00	711.80			
6	98.80	1.1996	7.79	8.99	1,946.06	93.15	53.81	46.74	885.50	854.00			
7	98.81	1.1997	7.79	8.99	1,969.80	94.35	62.79	54.53	1,032.90	996.20			
8	98.82	1.1997	7.79	9.00	1,993.68	95.56	71.84	62.36	1,181.20	1,139.20			
9	98.83	1.1997	7.80	9.00	2,017.43	96.76	80.82	70.15	1,328.60	1,281.40			
10	98.84	1.1997	7.80	9.00	2,041.18	97.96	89.81	77.94	1,476.00	1,423.60			
11	98.85	1.1998	7.80	9.00	2,064.92	99.16	98.80	85.72	1,623.40	1,565.70			
12	98.87	1.1998	7.80	9.00	2,088.80	100.37	107.84	93.55	1,771.60	1,708.60			
13	98.88	1.1998	7.80	9.00	2,112.53	101.57	116.82	101.33	1,918.80	1,850.50			
14	98.89	1.1998	7.80	9.01	2,136.25	102.77	125.80	109.11	2,065.90	1,992.40			
15	98.90	1.1998	7.80	9.01	2,160.10	103.98	134.83	116.92	2,213.80	2,135.00			
16	98.90	1.1998	7.80	9.01	2,183.94	105.19	143.85	124.74	2,361.60	2,277.50			
17	98.91	1.1999	7.80	9.01	2,207.76	106.40	152.87	132.54	2,509.20	2,419.90			
18	98.92	1.1999	7.80	9.01	2,231.57	107.61	161.87	140.34	2,656.80	2,562.20			

19	98.93	1.1999	7.80	9.01	2,255.35	108.82	170.88	148.14	2,804.10	2,704.30
20	98.94	1.1999	7.80	9.01	2,279.11	110.03	179.87	155.92	2,951.30	2,846.20
21	98.95	1.1999	7.80	9.02	2,303.00	111.24	188.90	163.74	3,099.30	2,988.90
22	98.96	1.1999	7.81	9.02	2,326.86	112.46	197.93	171.56	3,247.00	3,131.40
23	98.97	1.2000	7.81	9.02	2,350.69	113.67	206.95	179.36	3,394.60	3,273.70
24	98.98	1.2000	7.81	9.02	2,374.48	114.88	215.95	187.16	3,541.90	3,415.70
25	98.98	1.2000	7.81	9.02	2,398.39	116.10	225.00	194.99	3,689.90	3,558.50
26	98.99	1.2000	7.81	9.02	2,422.26	117.32	234.04	202.81	3,837.70	3,701.00
27	99.00	1.2000	7.81	9.02	2,446.10	118.53	243.06	210.61	3,985.30	3,843.30
28	99.01	1.2000	7.81	9.03	2,469.88	119.75	252.07	218.41	4,132.50	3,985.30
29	99.02	1.2001	7.81	9.03	2,493.63	120.96	261.06	226.19	4,279.50	4,127.10
30	99.02	1.2001	7.81	9.03	2,517.49	122.17	270.09	234.00	4,427.20	4,269.50
31	99.03	1.2001	7.81	9.03	2,541.47	123.40	279.17	241.85	4,575.60	4,412.50
32	99.04	1.2001	7.81	9.03	2,565.23	124.61	288.17	249.64	4,722.60	4,554.40
33	99.05	1.2001	7.81	9.03	2,589.11	125.83	297.21	257.46	4,870.40	4,696.80
34	99.05	1.2001	7.81	9.03	2,612.94	127.05	306.23	265.26	5,017.70	4,839.00
35	99.06	1.2001	7.81	9.03	2,636.88	128.27	315.29	273.10	5,165.80	4,981.70
36	99.07	1.2002	7.81	9.03	2,660.77	129.50	324.34	280.92	5,313.50	5,124.20
37	99.08	1.2002	7.81	9.04	2,684.60	130.71	333.36	288.72	5,460.80	5,266.20
38	99.08	1.2002	7.82	9.04	2,708.38	131.93	342.35	296.51	5,607.80	5,407.90
39	99.09	1.2002	7.82	9.04	2,732.26	133.15	351.39	304.32	5,755.40	5,550.30
40	99.10	1.2002	7.82	9.04	2,756.24	134.38	360.47	312.17	5,903.60	5,693.20
41	99.10	1.2002	7.82	9.04	2,780.17	135.61	369.53	320.00	6,051.40	5,835.70
42	99.11	1.2002	7.82	9.04	2,804.03	136.83	378.56	327.81	6,198.80	5,977.90
43	99.11	1.2002	7.82	9.04	2,827.82	138.05	387.56	335.59	6,345.80	6,119.60
44	99.12	1.2003	7.82	9.04	2,851.72	139.28	396.61	343.41	6,493.40	6,261.90
45	99.13	1.2003	7.82	9.04	2,875.71	140.51	405.69	351.26	6,641.60	6,404.80
46	99.13	1.2003	7.82	9.05	2,899.63	141.73	414.74	359.09	6,789.30	6,547.30
47	99.14	1.2003	7.82	9.05	2,923.48	142.96	423.77	366.89	6,936.60	6,689.30
48	99.15	1.2003	7.82	9.05	2,947.44	144.19	432.83	374.73	7,084.50	6,831.80
49	99.15	1.2003	7.82	9.05	2,971.31	145.41	441.87	382.54	7,231.90	6,974.00
50	99.16	1.2003	7.82	9.05	2,995.28	146.65	450.94	390.38	7,379.80	7,116.60
51	99.16	1.2003	7.82	9.05	3,019.18	147.87	459.98	398.19	7,527.30	7,258.80
52	99.17	1.2003	7.82	9.05	3,042.99	149.10	469.00	405.98	7,674.20	7,400.50
53	99.17	1.2003	7.82	9.05	3,066.90	150.33	478.04	413.80	7,821.80	7,542.80
54	99.18	1.2004	7.82	9.05	3,090.90	151.56	487.13	421.65	7,969.80	7,685.50
55	99.19	1.2004	7.82	9.05	3,114.81	152.79	496.18	429.47	8,117.40	7,827.80
56	99.19	1.2004	7.82	9.06	3,138.64	154.02	505.20	437.26	8,264.40	7,969.50
57	99.20	1.2004	7.82	9.06	3,162.56	155.25	514.25	445.08	8,411.90	8,111.80
58	99.20	1.2004	7.82	9.06	3,186.57	156.48	523.34	452.93	8,560.00	8,254.60

59 99.21 1.2004 7.83 9.06 3,210.49 157.72 532.39 460.76 8,707.50 8,396.80

SURVEY No. 1

Time (days) 59.003
 Incremental Time (hours) 10.842
 production Rate (gpm) 4.151
 Injection Rate (gpm) 4.305
 Injection/Production Ratio (gal/gal) 1.037
 Mass Balance 1.000

Cell No.	Cell Height (feet)	Depth (feet)	Radius (feet)	Cavity Brine (sp. gravity)	Plume Brine (sp. gravity)	Plume Flow (gpm)	Inclination (degrees)	Cell Volume (barrels)	Cumm. Volume (barrels)
105	104.5	485.5	1.42	1.2004	1.2004	8.52	90	1.13	1.13
104	103.5	486.5	1.43	1.2004	1.2004	8.60	90	1.15	2.28
103	102.5	487.5	1.45	1.2004	1.2003	8.70	90	1.18	3.45
102	101.5	488.5	1.47	1.2003	1.2003	8.81	90	1.20	4.65
101	100.5	489.5	1.48	1.2003	1.2003	8.91	90	1.23	5.88
100	99.5	490.5	1.50	1.2003	1.2002	9.02	90	1.26	7.14
99	98.5	491.5	1.52	1.2002	1.2002	9.14	91	1.29	8.43
98	97.5	492.5	1.54	1.2002	1.2002	9.26	91	1.32	9.75
97	96.5	493.5	1.55	1.2002	1.2001	9.38	91	1.35	11.10
96	95.5	494.5	1.57	1.2001	1.2001	9.51	91	1.38	12.48
95	94.5	495.5	1.59	1.2001	1.2001	9.65	91	1.42	13.90
94	93.5	496.5	1.61	1.2001	1.2000	9.79	91	1.46	15.36
93	92.5	497.5	1.63	1.2000	1.2000	9.93	91	1.49	16.85
92	91.5	498.5	1.65	1.2000	1.1999	10.08	91	1.53	18.38
91	90.5	499.5	1.68	1.1999	1.1999	10.24	91	1.57	19.95
90	89.5	500.5	1.70	1.1999	1.1998	10.40	91	1.61	21.57
89	88.5	501.5	1.72	1.1998	1.1998	10.57	91	1.66	23.23
88	87.5	502.5	1.75	1.1998	1.1997	10.75	91	1.70	24.93
87	86.5	503.5	1.77	1.1997	1.1997	10.94	91	1.75	26.68
86	85.5	504.5	1.79	1.1997	1.1996	11.13	91	1.80	28.48
85	84.5	505.5	1.82	1.1996	1.1996	11.33	91	1.85	30.34
84	83.5	506.5	1.85	1.1996	1.1995	11.54	91	1.91	32.25
83	82.5	507.5	1.87	1.1995	1.1995	11.76	91	1.97	34.21
82	81.5	508.5	1.90	1.1995	1.1994	12.00	91	2.03	36.24
81	80.5	509.5	1.93	1.1994	1.1993	12.24	91	2.09	38.32

80	79.5	510.5	1.96	1.1993	1.1993	12.49	91	2.15	40.48
79	78.5	511.5	1.99	1.1993	1.1992	12.76	91	2.22	42.70
78	77.5	512.5	2.02	1.1992	1.1991	13.03	91	2.29	44.99
77	76.5	513.5	2.06	1.1991	1.1991	13.33	91	2.37	47.36
76	75.5	514.5	2.09	1.1991	1.1990	13.63	91	2.45	49.81
75	74.5	515.5	2.13	1.1990	1.1989	13.96	92	2.53	52.34
74	73.5	516.5	2.16	1.1989	1.1988	14.30	92	2.62	54.96
73	72.5	517.5	2.20	1.1988	1.1987	14.65	92	2.71	57.67
72	71.5	518.5	2.24	1.1987	1.1987	15.03	92	2.81	60.48
71	70.5	519.5	2.28	1.1987	1.1986	15.43	92	2.91	63.39
70	69.5	520.5	2.32	1.1986	1.1985	15.85	92	3.02	66.41
69	68.5	521.5	2.37	1.1985	1.1984	16.29	92	3.13	69.54
68	67.5	522.5	2.41	1.1984	1.1983	16.75	92	3.25	72.80
67	66.5	523.5	2.46	1.1983	1.1982	17.25	92	3.38	76.18
66	65.5	524.5	2.51	1.1982	1.1981	17.77	92	3.52	79.69
65	64.5	525.5	2.56	1.1981	1.1979	18.32	92	3.66	83.35
64	63.5	526.5	2.61	1.1979	1.1978	18.90	93	3.81	87.16
63	62.5	527.5	2.66	1.1978	1.1977	19.52	93	3.97	91.12
62	61.5	528.5	2.72	1.1977	1.1976	20.18	93	4.14	95.26
61	60.5	529.5	2.78	1.1976	1.1974	20.88	93	4.32	99.58
60	59.5	530.5	2.84	1.1974	1.1973	21.62	93	4.51	104.09
59	58.5	531.5	2.90	1.1973	1.1972	22.42	93	4.72	108.81
58	57.5	532.5	2.97	1.1972	1.1970	23.26	93	4.93	113.74
57	56.5	533.5	3.04	1.1970	1.1968	24.16	94	5.16	118.90
56	55.5	534.5	3.11	1.1968	1.1967	25.11	94	5.41	124.32
55	54.5	535.5	3.18	1.1967	1.1965	26.14	94	5.68	129.99
54	53.5	536.5	3.26	1.1965	1.1963	27.23	94	5.96	135.95
53	52.5	537.5	3.34	1.1963	1.1961	28.40	94	6.26	142.21
52	51.5	538.5	3.43	1.1961	1.1960	29.65	94	6.58	148.79
51	50.5	539.5	3.52	1.1960	1.1957	30.99	95	6.93	155.72
50	49.5	540.5	3.61	1.1957	1.1955	32.43	95	7.30	163.01
49	48.5	541.5	3.71	1.1955	1.1953	33.97	95	7.70	170.71
48	47.5	542.5	3.81	1.1953	1.1951	35.62	95	8.12	178.83
47	46.5	543.5	3.92	1.1951	1.1949	37.40	96	8.58	187.42
46	45.5	544.5	4.03	1.1949	1.1946	39.31	96	9.08	196.49
45	44.5	545.5	4.14	1.1946	1.1944	41.37	96	9.61	206.10
44	43.5	546.5	4.27	1.1944	1.1941	43.60	97	10.18	216.28
43	42.5	547.5	4.39	1.1941	1.1938	46.00	97	10.80	227.09
42	41.5	548.5	4.53	1.1938	1.1935	48.57	97	11.47	238.55
41	40.5	549.5	4.67	1.1935	1.1932	51.35	98	12.18	250.73

40	39.5	550.5	4.81	1.1932	1.1929	54.37	98	12.96	263.70
39	38.5	551.5	4.97	1.1929	1.1926	57.60	98	13.80	277.49
38	37.5	552.5	5.13	1.1926	1.1923	61.15	99	14.71	292.21
37	36.5	553.5	5.30	1.1923	1.1919	64.94	99	15.69	307.90
36	35.5	554.5	5.47	1.1919	1.1916	69.06	100	16.75	324.65
35	34.5	555.5	5.66	1.1916	1.1912	73.50	100	17.90	342.55
34	33.5	556.5	5.85	1.1912	1.1908	78.33	101	19.15	361.70
33	32.5	557.5	6.05	1.1908	1.1904	83.57	101	20.50	382.20
32	31.5	558.5	6.27	1.1904	1.1900	89.25	102	21.96	404.16
31	30.5	559.5	6.49	1.1900	1.1896	95.40	102	23.55	427.71
30	29.5	560.5	6.72	1.1896	1.1891	102.07	103	25.28	452.99
29	28.5	561.5	6.97	1.1891	1.1887	109.32	104	27.15	480.14
28	27.5	562.5	7.22	1.1887	1.1882	117.17	104	29.17	509.31
27	26.5	563.5	7.49	1.1882	1.1877	125.70	105	31.37	540.68
26	25.5	564.5	7.77	1.1877	1.1873	134.94	105	33.76	574.44
25	24.5	565.5	8.06	1.1873	1.1868	144.97	106	36.35	610.79
24	23.5	566.5	8.37	1.1868	1.1862	155.86	107	39.16	649.95
23	22.5	567.5	8.68	1.1862	1.1857	167.66	108	42.21	692.15
22	21.5	568.5	9.02	1.1857	1.1852	180.46	108	45.51	737.66
21	20.5	569.5	9.37	1.1852	1.1846	194.37	109	49.10	786.76
20	19.5	570.5	9.73	1.1846	1.1841	209.40	110	52.98	839.74
19	18.5	571.5	10.11	1.1841	1.1835	225.70	111	57.18	896.92
18	17.5	572.5	10.50	1.1835	1.1829	243.37	111	61.75	958.67
17	16.5	573.5	10.92	1.1829	1.1823	262.49	112	66.68	1,025.35
16	15.5	574.5	11.35	1.1823	1.1817	283.20	113	72.03	1,097.38
15	14.5	575.5	11.79	1.1817	1.1810	305.62	114	77.81	1,175.19
14	13.5	576.5	12.26	1.1810	1.1804	329.85	115	84.07	1,259.26
13	12.5	577.5	12.74	1.1804	1.1797	356.05	116	90.83	1,350.09
12	11.5	578.5	13.24	1.1797	1.1791	384.35	117	98.14	1,448.23
11	10.5	579.5	13.77	1.1791	1.1784	414.94	118	106.03	1,554.26
10	9.5	580.5	14.31	1.1784	1.1777	447.89	118	114.53	1,668.79
9	8.5	581.5	14.87	1.1777	1.1770	483.45	119	123.71	1,792.51
8	7.5	582.5	15.45	1.1770	1.1763	521.91	120	133.64	1,926.15
7	6.5	583.5	16.06	1.1763	1.1756	563.41	121	144.35	2,070.50
6	5.5	584.5	16.69	1.1756	1.1749	608.03	122	155.87	2,226.37
5	4.5	585.5	17.34	1.1749	1.1742	655.95	123	168.24	2,394.61
4	3.5	586.5	18.02	1.1742	1.1734	707.76	124	181.61	2,576.22
3	2.5	587.5	18.71	1.1734	1.1727	763.24	125	195.93	2,772.15
2	1.5	588.5	19.43	1.1727	1.1719	822.27	125	211.17	2,983.32
1	0.5	589.5	20.15	1.1719	1.0000	4.30	125	227.17	3,210.49

Time (days)	Produced Brine (% sat.)	Produced Brine (sp. gr.)	Daily Salt Production (tons/day)	Daily Salt Dissolution (tons/day)	Cavity Volume (barrels)	Salt in Solution (tons)	Total Salt Dissolved (tons)	Total Salt Produced (tons)	Total Water Injected (barrels)	Total Brine Produced (barrels)
60	99.30	1.2006	7.26	8.91	3,234.02	159.36	541.30	468.02	8,844.70	8,528.90
61	99.34	1.2007	7.27	8.70	3,257.08	160.80	550.03	475.31	8,982.10	8,661.30
62	99.36	1.2007	7.27	8.58	3,279.73	162.12	558.60	482.57	9,118.90	8,793.10
63	99.38	1.2007	7.27	8.52	3,302.27	163.37	567.13	489.85	9,256.00	8,925.30
64	99.39	1.2007	7.27	8.48	3,324.58	164.57	575.58	497.09	9,392.40	9,056.70
65	99.39	1.2008	7.27	8.46	3,346.91	165.76	584.03	504.35	9,529.10	9,188.60
66	99.40	1.2008	7.27	8.44	3,369.25	166.94	592.49	511.64	9,666.30	9,320.80
67	99.40	1.2008	7.27	8.44	3,391.47	168.10	600.89	518.88	9,802.70	9,452.30
68	99.41	1.2008	7.27	8.43	3,413.91	169.27	609.39	526.21	9,940.60	9,585.30
69	99.41	1.2008	7.27	8.43	3,436.04	170.42	617.77	533.43	10,076.60	9,716.40
70	99.41	1.2008	7.27	8.43	3,458.42	171.58	626.24	540.74	10,214.10	9,849.10
71	99.42	1.2008	7.27	8.43	3,480.67	172.74	634.66	548.01	10,350.90	9,980.90
72	99.42	1.2008	7.27	8.43	3,502.99	173.89	643.11	555.29	10,488.10	10,113.20
73	99.42	1.2008	7.27	8.43	3,525.17	175.05	651.50	562.54	10,624.50	10,244.70
74	99.43	1.2008	7.27	8.43	3,547.41	176.20	659.92	569.81	10,761.20	10,376.50
75	99.43	1.2008	7.27	8.43	3,569.71	177.36	668.37	577.09	10,898.30	10,508.70
76	99.43	1.2008	7.27	8.43	3,591.88	178.51	676.76	584.33	11,034.60	10,640.10
77	99.44	1.2008	7.27	8.43	3,614.31	179.67	685.25	591.66	11,172.50	10,773.00
78	99.44	1.2008	7.27	8.43	3,636.62	180.83	693.69	598.94	11,309.50	10,905.20
79	99.44	1.2009	7.27	8.43	3,658.79	181.98	702.08	606.18	11,445.70	11,036.50
80	99.45	1.2009	7.27	8.43	3,681.02	183.14	710.50	613.44	11,582.30	11,168.20
81	99.45	1.2009	7.27	8.43	3,703.30	184.30	718.93	620.72	11,719.20	11,300.20
82	99.45	1.2009	7.28	8.43	3,725.65	185.46	727.39	628.01	11,856.50	11,432.60
83	99.46	1.2009	7.28	8.43	3,747.86	186.62	735.80	635.26	11,993.00	11,564.20
84	99.46	1.2009	7.28	8.43	3,770.13	187.77	744.23	642.54	12,129.80	11,696.10
85	99.46	1.2009	7.28	8.43	3,792.45	188.93	752.68	649.83	12,266.90	11,828.30
86	99.46	1.2009	7.28	8.43	3,814.83	190.10	761.15	657.13	12,404.40	11,960.90
87	99.47	1.2009	7.28	8.44	3,837.07	191.26	769.57	664.40	12,541.10	12,092.60
88	99.47	1.2009	7.28	8.44	3,859.38	192.42	778.01	671.68	12,678.10	12,224.70
89	99.47	1.2009	7.28	8.44	3,881.55	193.57	786.40	678.92	12,814.20	12,355.90
90	99.48	1.2009	7.28	8.44	3,903.97	194.74	794.89	686.23	12,951.90	12,488.70
91	99.48	1.2009	7.28	8.44	3,926.25	195.90	803.32	693.51	13,088.70	12,620.60
92	99.48	1.2009	7.28	8.44	3,948.57	197.06	811.78	700.80	13,225.80	12,752.80
93	99.48	1.2009	7.28	8.44	3,970.76	198.22	820.18	708.04	13,362.10	12,884.20
94	99.44	1.2009	7.30	9.16	3,994.88	200.08	829.31	715.31	13,498.80	13,015.70

95	98.74	1.1995	7.27	9.82	4,020.98	202.64	839.19	722.63	13,637.00	13,148.50
96	98.62	1.1993	7.24	9.44	4,045.85	204.83	848.60	729.85	13,773.80	13,280.10
97	98.60	1.1993	7.24	9.07	4,069.74	206.66	857.64	737.07	13,910.40	13,411.60
98	98.76	1.1996	7.24	8.74	4,092.98	208.17	866.44	744.35	14,048.20	13,544.40
99	98.82	1.1997	7.25	8.62	4,115.70	209.54	875.04	751.58	14,184.70	13,676.00
100	98.71	1.1995	7.25	8.64	4,138.47	210.93	883.66	758.81	14,321.20	13,807.60
101	98.70	1.1995	7.24	8.58	4,161.28	212.28	892.30	766.10	14,458.90	13,940.30
102	98.68	1.1994	7.24	8.56	4,183.83	213.60	900.83	773.32	14,595.40	14,071.90
103	98.65	1.1994	7.24	8.52	4,206.29	214.88	909.33	780.54	14,731.80	14,203.50
104	98.70	1.1995	7.24	8.47	4,228.80	216.11	917.85	787.82	14,869.50	14,336.20
105	98.72	1.1995	7.24	8.45	4,251.05	217.31	926.28	795.05	15,005.90	14,467.80
106	98.72	1.1995	7.24	8.44	4,273.28	218.51	934.69	802.27	15,142.30	14,599.40
107	98.73	1.1995	7.25	8.44	4,295.71	219.71	943.18	809.56	15,279.90	14,732.10
108	98.71	1.1995	7.24	8.45	4,317.98	220.91	951.61	816.78	15,416.30	14,863.70
109	98.70	1.1995	7.24	8.44	4,340.21	222.10	960.03	824.00	15,552.70	14,995.30
110	98.79	1.1996	7.25	8.37	4,362.26	223.22	968.37	831.23	15,689.10	15,126.90
111	98.84	1.1997	7.25	8.37	4,384.52	224.35	976.80	838.52	15,826.70	15,259.60
112	98.84	1.1997	7.25	8.39	4,406.63	225.49	985.17	845.76	15,963.10	15,391.20
113	98.81	1.1997	7.25	8.48	4,428.98	226.72	993.62	852.99	16,099.60	15,522.80
114	98.69	1.1994	7.24	8.52	4,451.61	228.00	1,002.19	860.28	16,237.30	15,655.50
115	98.69	1.1994	7.24	8.49	4,473.98	229.24	1,010.66	867.50	16,373.70	15,787.10
116	98.69	1.1994	7.24	8.49	4,496.34	230.49	1,019.12	874.72	16,510.20	15,918.70
117	98.65	1.1994	7.24	8.48	4,518.88	231.73	1,027.65	882.00	16,647.90	16,051.40
118	98.68	1.1994	7.24	8.45	4,541.14	232.94	1,036.08	889.23	16,784.40	16,183.00
119	98.69	1.1994	7.24	8.44	4,563.38	234.14	1,044.50	896.45	16,920.90	16,314.60
120	98.70	1.1995	7.24	8.44	4,585.81	235.34	1,052.99	903.73	17,058.60	16,447.40
121	98.70	1.1995	7.24	8.44	4,608.04	236.53	1,061.40	910.95	17,195.10	16,579.10
122	98.69	1.1994	7.24	8.44	4,630.28	237.73	1,069.82	918.18	17,331.60	16,710.80
123	98.68	1.1994	7.24	8.46	4,652.76	238.95	1,078.33	925.46	17,469.30	16,843.60
124	98.66	1.1994	7.24	8.46	4,675.04	240.17	1,086.77	932.68	17,605.80	16,975.30
125	98.66	1.1994	7.24	8.45	4,697.30	241.37	1,095.19	939.90	17,742.30	17,107.00
126	98.67	1.1994	7.24	8.44	4,719.73	242.58	1,103.68	947.18	17,880.00	17,239.90
127	98.68	1.1994	7.24	8.44	4,741.95	243.77	1,112.10	954.40	18,016.50	17,371.60
128	98.68	1.1994	7.24	8.44	4,764.18	244.96	1,120.51	961.63	18,153.00	17,503.20
129	98.69	1.1994	7.25	8.44	4,786.58	246.16	1,128.99	968.91	18,290.60	17,636.10
130	98.68	1.1994	7.25	8.45	4,808.83	247.36	1,137.41	976.13	18,427.10	17,767.80
131	98.65	1.1994	7.25	8.47	4,831.12	248.58	1,145.85	983.35	18,563.60	17,899.50
132	98.67	1.1994	7.25	8.45	4,853.56	249.79	1,154.34	990.64	18,701.30	18,032.30
133	98.63	1.1993	7.24	8.46	4,875.83	251.00	1,162.77	997.85	18,837.80	18,164.00
134	98.67	1.1994	7.24	8.44	4,898.24	252.20	1,171.26	1,005.14	18,975.50	18,296.90

135	98.68	1.1994	7.25	8.44	4,920.44	253.39	1,179.66	1,012.36	19,112.00	18,428.60
136	98.68	1.1994	7.25	8.44	4,942.65	254.57	1,188.07	1,019.58	19,248.40	18,560.30
137	98.67	1.1994	7.25	8.45	4,965.08	255.78	1,196.56	1,026.86	19,386.10	18,693.10
138	98.67	1.1994	7.25	8.45	4,987.33	256.98	1,204.98	1,034.08	19,522.60	18,824.80
139	98.63	1.1993	7.25	8.47	5,009.83	258.21	1,213.50	1,041.37	19,660.20	18,957.70
140	98.61	1.1993	7.24	8.47	5,032.11	259.43	1,221.93	1,048.58	19,796.70	19,089.40
141	98.65	1.1994	7.24	8.44	5,054.52	260.63	1,230.41	1,055.86	19,934.40	19,222.20
142	98.67	1.1994	7.24	8.43	5,076.71	261.82	1,238.81	1,063.08	20,070.80	19,353.90
143	98.67	1.1994	7.25	8.44	5,098.92	263.00	1,247.22	1,070.30	20,207.30	19,485.60
144	98.66	1.1994	7.25	8.44	5,121.35	264.21	1,255.71	1,077.58	20,345.00	19,618.50
145	98.66	1.1994	7.25	8.45	5,143.60	265.41	1,264.13	1,084.80	20,481.40	19,750.20
146	98.64	1.1993	7.24	8.46	5,166.07	266.63	1,272.64	1,092.09	20,619.10	19,883.00
147	98.62	1.1993	7.24	8.46	5,188.34	267.85	1,281.07	1,099.30	20,755.50	20,014.70
148	98.65	1.1994	7.24	8.44	5,210.55	269.04	1,289.48	1,106.52	20,892.00	20,146.40
149	98.66	1.1994	7.24	8.44	5,232.96	270.24	1,297.96	1,113.80	21,029.60	20,279.30
150	98.66	1.1994	7.25	8.44	5,255.18	271.43	1,306.37	1,121.02	21,166.10	20,411.00
151	98.65	1.1994	7.25	8.45	5,277.61	272.64	1,314.86	1,128.30	21,303.70	20,543.80
152	98.65	1.1994	7.24	8.44	5,299.84	273.83	1,323.27	1,135.52	21,440.20	20,675.50
153	98.64	1.1994	7.24	8.45	5,322.09	275.04	1,331.69	1,142.74	21,576.70	20,807.20
154	98.62	1.1993	7.24	8.46	5,344.55	276.26	1,340.20	1,150.02	21,714.30	20,940.10
155	98.61	1.1993	7.24	8.46	5,366.82	277.47	1,348.63	1,157.24	21,850.80	21,071.70
156	98.64	1.1993	7.24	8.44	5,389.23	278.68	1,357.11	1,164.52	21,988.50	21,204.60
157	98.64	1.1994	7.24	8.44	5,411.45	279.87	1,365.52	1,171.74	22,124.90	21,336.30
158	98.64	1.1993	7.24	8.44	5,433.88	281.08	1,374.01	1,179.02	22,262.60	21,469.20
159	98.64	1.1993	7.24	8.44	5,456.10	282.27	1,382.42	1,186.23	22,399.10	21,600.80
160	98.64	1.1993	7.24	8.44	5,478.33	283.47	1,390.83	1,193.45	22,535.50	21,732.50
161	98.63	1.1993	7.24	8.46	5,500.79	284.69	1,399.33	1,200.73	22,673.20	21,865.40
162	98.59	1.1992	7.24	8.47	5,523.07	285.91	1,407.77	1,207.95	22,809.70	21,997.10
163	98.60	1.1993	7.24	8.45	5,545.52	287.13	1,416.27	1,215.22	22,947.30	22,129.90
164	98.63	1.1993	7.25	8.44	5,567.73	288.32	1,424.68	1,222.44	23,083.80	22,261.60
165	98.63	1.1993	7.24	8.44	5,589.95	289.51	1,433.09	1,229.66	23,220.20	22,393.30
166	98.63	1.1993	7.24	8.44	5,612.37	290.72	1,441.58	1,236.94	23,357.90	22,526.20
167	98.63	1.1993	7.24	8.44	5,634.59	291.91	1,449.99	1,244.16	23,494.40	22,657.90
168	98.62	1.1993	7.24	8.45	5,657.02	293.12	1,458.48	1,251.44	23,632.10	22,790.70
169	98.62	1.1993	7.24	8.45	5,679.26	294.32	1,466.90	1,258.66	23,768.50	22,922.40
170	98.60	1.1993	7.24	8.46	5,701.53	295.54	1,475.33	1,265.87	23,905.00	23,054.10
171	98.57	1.1992	7.24	8.47	5,724.03	296.78	1,483.85	1,273.15	24,042.70	23,187.00
172	98.57	1.1992	7.24	8.45	5,746.27	297.99	1,492.27	1,280.36	24,179.10	23,318.70
173	98.61	1.1993	7.24	8.43	5,768.66	299.18	1,500.74	1,287.64	24,316.80	23,451.50
174	98.62	1.1993	7.24	8.43	5,790.86	300.37	1,509.15	1,294.85	24,453.20	23,583.20

175	98.61	1.1993	7.24	8.44	5,813.27	301.58	1,517.63	1,302.14	24,590.90	23,716.10
176	98.61	1.1993	7.24	8.44	5,835.50	302.77	1,526.04	1,309.35	24,727.30	23,847.80
177	98.61	1.1993	7.24	8.44	5,857.73	303.97	1,534.45	1,316.57	24,863.80	23,979.40
178	98.59	1.1992	7.24	8.46	5,880.18	305.19	1,542.96	1,323.85	25,001.50	24,112.30
179	98.58	1.1992	7.24	8.45	5,902.42	306.40	1,551.38	1,331.06	25,138.00	24,244.00
180	98.60	1.1993	7.24	8.44	5,924.84	307.61	1,559.86	1,338.34	25,275.60	24,376.90
181	98.60	1.1993	7.24	8.44	5,947.06	308.81	1,568.28	1,345.55	25,412.10	24,508.60
182	98.60	1.1993	7.24	8.44	5,969.28	310.00	1,576.69	1,352.77	25,548.50	24,640.20
183	98.59	1.1993	7.24	8.44	5,991.71	311.21	1,585.17	1,360.04	25,686.20	24,773.10
184	98.59	1.1993	7.24	8.44	6,013.94	312.41	1,593.59	1,367.26	25,822.70	24,904.80
185	98.60	1.1993	7.24	8.44	6,036.36	313.62	1,602.07	1,374.54	25,960.30	25,037.70
186	98.60	1.1993	7.24	8.44	6,058.57	314.82	1,610.49	1,381.75	26,096.80	25,169.30
187	98.58	1.1992	7.24	8.46	6,080.84	316.03	1,618.91	1,388.97	26,233.30	25,301.00
188	98.55	1.1992	7.24	8.46	6,103.31	317.26	1,627.42	1,396.24	26,370.90	25,433.90
189	98.58	1.1992	7.24	8.44	6,125.53	318.46	1,635.83	1,403.45	26,507.40	25,565.60
190	98.58	1.1992	7.24	8.44	6,147.94	319.67	1,644.32	1,410.73	26,645.00	25,698.40
191	98.58	1.1992	7.24	8.44	6,170.18	320.87	1,652.73	1,417.94	26,781.50	25,830.10
192	98.58	1.1992	7.24	8.44	6,192.60	322.08	1,661.22	1,425.22	26,919.20	25,963.00
193	98.58	1.1992	7.24	8.44	6,214.81	323.27	1,669.63	1,432.44	27,055.60	26,094.70
194	98.59	1.1992	7.24	8.44	6,237.02	324.47	1,678.04	1,439.65	27,192.10	26,226.40
195	98.59	1.1993	7.24	8.44	6,259.43	325.67	1,686.52	1,446.93	27,329.80	26,359.20
196	98.58	1.1992	7.24	8.45	6,281.68	326.88	1,694.94	1,454.14	27,466.20	26,490.90
197	98.54	1.1992	7.24	8.46	6,304.16	328.12	1,703.45	1,461.42	27,603.90	26,623.80
198	98.53	1.1991	7.24	8.46	6,326.42	329.33	1,711.87	1,468.62	27,740.40	26,755.50
199	98.56	1.1992	7.24	8.46	6,348.64	330.53	1,720.29	1,475.84	27,876.80	26,887.20
200	98.56	1.1992	7.24	8.44	6,371.05	331.74	1,728.77	1,483.11	28,014.50	27,020.00
201	98.57	1.1992	7.24	8.44	6,393.25	332.93	1,737.17	1,490.32	28,150.90	27,151.70
202	98.57	1.1992	7.24	8.44	6,415.66	334.14	1,745.65	1,497.60	28,288.60	27,284.60
203	98.58	1.1992	7.24	8.44	6,437.87	335.33	1,754.06	1,504.81	28,425.10	27,416.30
204	98.58	1.1992	7.24	8.44	6,460.08	336.52	1,762.46	1,512.02	28,561.50	27,547.90
205	98.58	1.1992	7.24	8.45	6,482.50	337.74	1,770.95	1,519.30	28,699.20	27,680.80
206	98.59	1.1993	7.24	8.40	6,504.61	338.90	1,779.33	1,526.51	28,835.60	27,812.50
207	98.74	1.1995	7.25	8.36	6,526.81	340.01	1,787.73	1,533.80	28,973.20	27,945.40
208	98.77	1.1996	7.25	8.37	6,548.84	341.13	1,796.07	1,541.03	29,109.60	28,077.00
209	98.78	1.1996	7.25	8.39	6,571.12	342.27	1,804.51	1,548.32	29,247.20	28,209.90
210	98.78	1.1996	7.25	8.43	6,593.32	343.45	1,812.91	1,555.55	29,383.60	28,341.60
211	98.58	1.1992	7.25	8.53	6,615.77	344.72	1,821.41	1,562.77	29,520.10	28,473.30
212	98.57	1.1992	7.24	8.51	6,638.37	346.00	1,829.96	1,570.04	29,657.80	28,606.10
213	98.57	1.1992	7.24	8.49	6,660.72	347.25	1,838.42	1,577.25	29,794.30	28,737.80
214	98.57	1.1992	7.24	8.48	6,683.24	348.50	1,846.95	1,584.53	29,932.00	28,870.70

215	98.54	1.1992	7.24	8.49	6,705.58	349.74	1,855.40	1,591.74	30,068.50	29,002.40
216	98.50	1.1991	7.23	8.48	6,727.91	350.99	1,863.86	1,598.95	30,204.90	29,134.10
217	98.45	1.199	7.23	8.48	6,750.44	352.25	1,872.39	1,606.22	30,342.60	29,266.90
218	98.51	1.1991	7.23	8.45	6,772.68	353.46	1,880.80	1,613.42	30,479.10	29,398.60
219	98.54	1.1992	7.24	8.44	6,795.08	354.67	1,889.28	1,620.70	30,616.80	29,531.50
220	98.54	1.1992	7.24	8.44	6,817.28	355.86	1,897.69	1,627.91	30,753.20	29,663.20
221	98.55	1.1992	7.24	8.44	6,839.49	357.06	1,906.09	1,635.12	30,889.70	29,794.90
222	98.55	1.1992	7.24	8.44	6,861.90	358.26	1,914.57	1,642.39	31,027.40	29,927.70
223	98.55	1.1992	7.24	8.44	6,884.10	359.46	1,922.98	1,649.61	31,163.80	30,059.40
224	98.55	1.1992	7.24	8.44	6,906.52	360.67	1,931.47	1,656.88	31,301.40	30,192.30
225	98.52	1.1991	7.24	8.46	6,928.78	361.89	1,939.89	1,664.09	31,437.90	30,324.00
226	98.48	1.1991	7.23	8.46	6,951.26	363.12	1,948.40	1,671.36	31,575.60	30,456.80
227	98.50	1.1991	7.23	8.45	6,973.50	364.34	1,956.82	1,678.57	31,712.00	30,588.50
228	98.49	1.1991	7.23	8.45	6,995.74	365.55	1,965.24	1,685.77	31,848.50	30,720.20
229	98.60	1.1993	7.23	8.38	7,018.00	366.70	1,973.67	1,693.05	31,986.10	30,853.10
230	98.53	1.1991	7.24	8.44	7,040.22	367.90	1,982.08	1,700.26	32,122.60	30,984.80
231	98.52	1.1991	7.23	8.45	7,062.65	369.12	1,990.57	1,707.53	32,260.20	31,117.60
232	98.53	1.1991	7.24	8.44	7,084.85	370.32	1,998.98	1,714.74	32,396.70	31,249.30
233	98.54	1.1992	7.24	8.44	7,107.06	371.52	2,007.39	1,721.95	32,533.20	31,381.00
234	98.53	1.1991	7.24	8.45	7,129.50	372.74	2,015.88	1,729.23	32,670.80	31,513.90
235	98.49	1.1991	7.23	8.46	7,151.77	373.96	2,024.31	1,736.43	32,807.30	31,645.50
236	98.47	1.199	7.23	8.46	7,174.23	375.19	2,032.81	1,743.70	32,945.00	31,778.40
237	98.50	1.1991	7.23	8.44	7,196.46	376.40	2,041.22	1,750.91	33,081.50	31,910.10
238	98.51	1.1991	7.24	8.44	7,218.66	377.60	2,049.64	1,758.12	33,218.00	32,041.80
239	98.51	1.1991	7.24	8.44	7,241.07	378.81	2,058.12	1,765.40	33,355.80	32,174.60
240	98.51	1.1991	7.24	8.44	7,263.28	380.00	2,066.53	1,772.61	33,492.30	32,306.30
241	98.52	1.1991	7.24	8.44	7,285.67	381.21	2,075.02	1,779.89	33,630.00	32,439.20
242	98.52	1.1991	7.24	8.44	7,307.87	382.41	2,083.43	1,787.11	33,766.50	32,570.90
243	98.52	1.1991	7.24	8.44	7,330.27	383.61	2,091.92	1,794.39	33,904.20	32,703.70
244	98.52	1.1991	7.24	8.44	7,352.50	384.81	2,100.33	1,801.60	34,040.70	32,835.40
245	98.56	1.1992	7.23	8.40	7,374.59	385.97	2,108.70	1,808.81	34,177.20	32,967.10
246	98.69	1.1994	7.24	8.36	7,396.80	387.10	2,117.10	1,816.09	34,314.90	33,100.00
247	98.72	1.1995	7.25	8.38	7,418.86	388.22	2,125.45	1,823.31	34,451.40	33,231.70
248	98.72	1.1995	7.25	8.39	7,441.16	389.37	2,133.89	1,830.60	34,589.10	33,364.50
249	98.72	1.1995	7.25	8.42	7,463.31	390.53	2,142.27	1,837.82	34,725.60	33,496.20
250	98.73	1.1995	7.24	8.42	7,485.48	391.70	2,150.65	1,845.04	34,862.10	33,627.90
251	98.72	1.1995	7.25	8.46	7,507.94	392.91	2,159.15	1,852.33	34,999.80	33,760.80
252	98.52	1.1991	7.24	8.53	7,530.40	394.20	2,167.65	1,859.54	35,136.30	33,892.50
253	98.50	1.1991	7.23	8.52	7,553.02	395.49	2,176.22	1,866.81	35,274.10	34,025.30
254	98.50	1.1991	7.24	8.50	7,575.38	396.75	2,184.68	1,874.02	35,410.60	34,157.00

255	98.50	1.1991	7.23	8.48	7,597.70	397.99	2,193.13	1,881.22	35,547.10	34,288.70
256	98.52	1.1991	7.23	8.44	7,620.12	399.20	2,201.61	1,888.49	35,684.80	34,421.60
257	98.67	1.1994	7.23	8.37	7,642.19	400.34	2,209.97	1,895.71	35,821.30	34,553.20
258	98.70	1.1995	7.23	8.37	7,664.27	401.48	2,218.33	1,902.93	35,957.80	34,684.90
259	98.71	1.1995	7.24	8.39	7,686.58	402.64	2,226.78	1,910.22	36,095.50	34,817.80
260	98.71	1.1995	7.23	8.40	7,708.73	403.81	2,235.17	1,917.44	36,232.00	34,949.50
261	98.71	1.1995	7.23	8.40	7,730.90	404.98	2,243.55	1,924.65	36,368.50	35,081.20
262	98.71	1.1995	7.25	8.43	7,753.10	406.16	2,251.97	1,931.89	36,505.00	35,212.90
263	98.47	1.199	7.23	8.53	7,775.61	407.46	2,260.48	1,939.10	36,641.50	35,344.60
264	98.46	1.199	7.22	8.51	7,798.25	408.77	2,269.05	1,946.37	36,779.20	35,477.40
265	98.48	1.199	7.22	8.48	7,820.61	410.03	2,277.52	1,953.57	36,915.70	35,609.10
266	98.49	1.1991	7.21	8.46	7,842.93	411.27	2,285.96	1,960.78	37,052.20	35,740.80
267	98.47	1.199	7.21	8.46	7,865.25	412.51	2,294.41	1,967.97	37,188.70	35,872.50
268	98.42	1.1989	7.21	8.46	7,887.57	413.76	2,302.85	1,975.17	37,325.20	36,004.20
269	98.44	1.199	7.22	8.45	7,910.04	415.00	2,311.36	1,982.45	37,462.90	36,137.00
270	98.45	1.199	7.21	8.43	7,932.29	416.22	2,319.78	1,989.64	37,599.40	36,268.70
271	98.45	1.199	7.21	8.43	7,954.52	417.43	2,328.19	1,996.84	37,735.90	36,400.40
272	98.45	1.199	7.22	8.43	7,976.74	418.64	2,336.60	2,004.05	37,872.40	36,532.10
273	98.46	1.199	7.22	8.43	7,999.15	419.85	2,345.09	2,011.32	38,010.20	36,665.00
274	98.46	1.199	7.22	8.43	8,021.36	421.05	2,353.50	2,018.53	38,146.70	36,796.60
275	98.46	1.199	7.23	8.43	8,043.57	422.25	2,361.91	2,025.74	38,283.20	36,928.30
276	98.47	1.199	7.23	8.43	8,065.77	423.45	2,370.32	2,032.95	38,419.70	37,060.00
277	98.47	1.199	7.23	8.43	8,087.96	424.65	2,378.74	2,040.17	38,556.20	37,191.70
278	98.47	1.199	7.22	8.43	8,110.37	425.86	2,387.22	2,047.44	38,693.90	37,324.60
279	98.43	1.199	7.21	8.44	8,132.62	427.08	2,395.64	2,054.64	38,830.40	37,456.30
280	98.43	1.199	7.22	8.41	8,154.79	428.28	2,404.03	2,061.84	38,966.90	37,587.90
281	98.62	1.1993	7.23	8.35	8,176.79	429.39	2,412.36	2,069.05	39,103.40	37,719.60
282	98.67	1.1994	7.23	8.35	8,199.00	430.52	2,420.77	2,076.33	39,241.10	37,852.50
283	98.68	1.1994	7.24	8.37	8,221.07	431.65	2,429.13	2,083.55	39,377.60	37,984.20
284	98.68	1.1994	7.23	8.39	8,243.18	432.81	2,437.50	2,090.77	39,514.10	38,115.90
285	98.68	1.1994	7.23	8.40	8,265.32	433.97	2,445.88	2,098.00	39,650.60	38,247.60
286	98.65	1.1994	7.23	8.44	8,287.59	435.18	2,454.31	2,105.21	39,787.10	38,379.20
287	98.41	1.1989	7.22	8.52	8,310.26	436.49	2,462.89	2,112.48	39,924.80	38,512.10
288	98.41	1.1989	7.21	8.49	8,332.66	437.77	2,471.37	2,119.68	40,061.30	38,643.80
289	98.42	1.1989	7.22	8.48	8,355.00	439.03	2,479.83	2,126.89	40,197.80	38,775.50
290	98.43	1.1989	7.21	8.46	8,377.29	440.27	2,488.27	2,134.08	40,334.30	38,907.20
291	98.41	1.1989	7.21	8.46	8,399.79	441.52	2,496.78	2,141.35	40,472.00	39,040.00
292	98.37	1.1988	7.21	8.46	8,422.11	442.76	2,505.23	2,148.54	40,608.50	39,171.70
293	98.31	1.1987	7.21	8.46	8,444.42	444.02	2,513.67	2,155.74	40,745.00	39,303.40
294	98.36	1.1988	7.21	8.43	8,466.65	445.24	2,522.09	2,162.93	40,881.50	39,435.10

295	98.41	1.1989	7.22	8.42	8,488.84	446.44	2,530.49	2,170.13	41,018.00	39,566.80
296	98.42	1.1989	7.22	8.41	8,511.23	447.65	2,538.96	2,177.40	41,155.80	39,699.60
297	98.42	1.1989	7.22	8.41	8,533.41	448.84	2,547.36	2,184.60	41,292.30	39,831.30
298	98.42	1.1989	7.22	8.41	8,555.60	450.04	2,555.76	2,191.80	41,428.80	39,963.00
299	98.42	1.1989	7.22	8.41	8,577.78	451.24	2,564.16	2,199.00	41,565.30	40,094.70
300	98.42	1.1989	7.22	8.42	8,600.16	452.45	2,572.64	2,206.27	41,703.00	40,227.60
301	98.41	1.1989	7.22	8.43	8,622.36	453.65	2,581.05	2,213.48	41,839.50	40,359.30
302	98.40	1.1989	7.22	8.43	8,644.56	454.86	2,589.46	2,220.68	41,976.00	40,490.90
303	98.39	1.1989	7.21	8.43	8,666.79	456.07	2,597.87	2,227.88	42,112.50	40,622.60
304	98.36	1.1988	7.21	8.43	8,689.04	457.29	2,606.29	2,235.08	42,249.00	40,754.30
305	98.33	1.1988	7.21	8.43	8,711.48	458.53	2,614.78	2,242.34	42,386.70	40,887.20
306	98.38	1.1989	7.21	8.42	8,733.66	459.73	2,623.19	2,249.54	42,523.20	41,018.90
307	98.39	1.1989	7.21	8.41	8,755.84	460.93	2,631.58	2,256.73	42,659.70	41,150.60
308	98.39	1.1989	7.20	8.40	8,778.02	462.13	2,639.96	2,263.92	42,796.20	41,282.20
309	98.39	1.1989	7.20	8.40	8,800.20	463.32	2,648.35	2,271.11	42,932.70	41,413.90
310	98.39	1.1989	7.22	8.42	8,822.60	464.54	2,656.83	2,278.37	43,070.40	41,546.80
311	98.38	1.1989	7.22	8.43	8,844.81	465.74	2,665.24	2,285.58	43,206.90	41,678.50
312	98.37	1.1988	7.22	8.43	8,867.01	466.95	2,673.65	2,292.78	43,343.40	41,810.20
313	98.36	1.1988	7.22	8.43	8,889.21	468.16	2,682.06	2,299.99	43,479.90	41,941.90
314	98.35	1.1988	7.22	8.43	8,911.61	469.38	2,690.55	2,307.25	43,617.60	42,074.70
315	98.35	1.1988	7.22	8.43	8,933.82	470.59	2,698.96	2,314.46	43,754.10	42,206.40
316	98.35	1.1988	7.22	8.43	8,956.03	471.80	2,707.37	2,321.66	43,890.60	42,338.10
317	98.34	1.1988	7.21	8.43	8,978.25	473.01	2,715.78	2,328.86	44,027.10	42,469.80
318	98.32	1.1987	7.21	8.43	9,000.46	474.23	2,724.20	2,336.05	44,163.60	42,601.50
319	98.34	1.1988	7.21	8.42	9,022.85	475.44	2,732.68	2,343.32	44,301.30	42,734.30
320	98.34	1.1988	7.21	8.41	9,045.04	476.65	2,741.08	2,350.51	44,437.80	42,866.00
321	98.34	1.1988	7.21	8.42	9,067.22	477.85	2,749.48	2,357.71	44,574.30	42,997.70
322	98.33	1.1988	7.22	8.43	9,089.42	479.06	2,757.89	2,364.91	44,710.80	43,129.40
323	98.33	1.1988	7.21	8.42	9,111.80	480.27	2,766.36	2,372.17	44,848.60	43,262.30
324	98.32	1.1987	7.22	8.43	9,133.99	481.48	2,774.78	2,379.38	44,985.10	43,393.90
325	98.32	1.1987	7.21	8.42	9,156.19	482.69	2,783.18	2,386.58	45,121.60	43,525.60
326	98.32	1.1987	7.21	8.41	9,178.38	483.89	2,791.58	2,393.77	45,258.10	43,657.30
327	98.32	1.1988	7.20	8.41	9,200.56	485.09	2,799.97	2,400.96	45,394.60	43,789.00
328	98.33	1.1988	7.20	8.40	9,222.95	486.31	2,808.43	2,408.21	45,532.30	43,921.90
329	98.33	1.1988	7.20	8.41	9,245.13	487.51	2,816.82	2,415.40	45,668.80	44,053.60
330	98.30	1.1987	7.21	8.43	9,267.33	488.72	2,825.23	2,422.59	45,805.30	44,185.20
331	98.27	1.1987	7.21	8.43	9,289.54	489.94	2,833.65	2,429.79	45,941.80	44,316.90
332	98.27	1.1986	7.21	8.43	9,311.95	491.17	2,842.13	2,437.04	46,079.50	44,449.80
333	98.26	1.1986	7.21	8.43	9,334.16	492.39	2,850.54	2,444.24	46,216.00	44,581.50
334	98.28	1.1987	7.20	8.41	9,356.35	493.60	2,858.94	2,451.42	46,352.50	44,713.20

335	98.28	1.1987	7.20	8.41	9,378.53	494.80	2,867.33	2,458.61	46,489.00	44,844.90
336	98.27	1.1987	7.20	8.41	9,400.71	496.01	2,875.72	2,465.80	46,625.50	44,976.60
337	98.27	1.1987	7.20	8.41	9,423.08	497.22	2,884.19	2,473.05	46,763.20	45,109.40
338	98.27	1.1987	7.19	8.40	9,445.25	498.43	2,892.57	2,480.23	46,899.70	45,241.10
339	98.28	1.1987	7.20	8.40	9,467.43	499.63	2,900.96	2,487.41	47,036.20	45,372.80
340	98.28	1.1987	7.20	8.40	9,489.60	500.83	2,909.34	2,494.59	47,172.70	45,504.50
341	98.28	1.1987	7.20	8.40	9,511.76	502.03	2,917.73	2,501.78	47,309.20	45,636.20
342	98.28	1.1987	7.20	8.40	9,534.13	503.24	2,926.19	2,509.03	47,446.90	45,769.00
343	98.23	1.1986	7.21	8.43	9,556.33	504.46	2,934.60	2,516.22	47,583.40	45,900.70
344	98.18	1.1985	7.20	8.43	9,578.55	505.69	2,943.01	2,523.40	47,719.90	46,032.40
345	98.23	1.1986	7.19	8.41	9,600.74	506.90	2,951.40	2,530.58	47,856.40	46,164.10
346	98.25	1.1986	7.20	8.40	9,623.10	508.11	2,959.86	2,537.83	47,994.20	46,297.00
347	98.25	1.1986	7.20	8.40	9,645.25	509.31	2,968.24	2,545.02	48,130.70	46,428.60
348	98.25	1.1986	7.20	8.40	9,667.39	510.51	2,976.63	2,552.20	48,267.20	46,560.30
349	98.26	1.1986	7.20	8.40	9,689.54	511.71	2,985.01	2,559.39	48,403.70	46,692.00
350	98.26	1.1986	7.20	8.40	9,711.70	512.90	2,993.40	2,566.57	48,540.20	46,823.70
351	98.26	1.1986	7.20	8.40	9,734.06	514.11	3,001.85	2,573.82	48,677.90	46,956.60
352	98.26	1.1986	7.20	8.40	9,756.22	515.31	3,010.24	2,581.01	48,814.40	47,088.30
353	98.27	1.1986	7.20	8.40	9,778.38	516.51	3,018.62	2,588.20	48,950.90	47,219.90
354	98.27	1.1986	7.20	8.40	9,800.55	517.71	3,027.01	2,595.38	49,087.40	47,351.60
355	98.27	1.1987	7.20	8.40	9,822.93	518.92	3,035.47	2,602.63	49,225.10	47,484.50
356	98.21	1.1985	7.20	8.42	9,845.14	520.14	3,043.87	2,609.82	49,361.60	47,616.20
357	98.21	1.1985	7.21	8.43	9,867.33	521.35	3,052.29	2,617.01	49,498.00	47,747.90
358	98.21	1.1985	7.20	8.42	9,889.50	522.57	3,060.69	2,624.20	49,634.50	47,879.60
359	98.22	1.1986	7.19	8.40	9,911.68	523.78	3,069.07	2,631.38	49,771.00	48,011.20
360	98.22	1.1986	7.19	8.40	9,934.05	524.99	3,077.53	2,638.62	49,908.80	48,144.10
361	98.22	1.1986	7.19	8.40	9,956.22	526.20	3,085.92	2,645.80	50,045.20	48,275.80
362	98.22	1.1986	7.20	8.40	9,978.39	527.40	3,094.30	2,652.98	50,181.80	48,407.50
363	98.23	1.1986	7.20	8.40	10,000.56	528.60	3,102.69	2,660.16	50,318.20	48,539.20
364	98.23	1.1986	7.20	8.40	10,022.91	529.82	3,111.14	2,667.41	50,456.00	48,672.00
365	98.23	1.1986	7.20	8.40	10,045.05	531.02	3,119.53	2,674.60	50,592.50	48,803.70
366	98.23	1.1986	7.20	8.40	10,067.21	532.22	3,127.91	2,681.78	50,729.00	48,935.40
367	98.23	1.1986	7.20	8.40	10,089.38	533.42	3,136.30	2,688.96	50,865.50	49,067.10
368	98.22	1.1985	7.19	8.40	10,111.55	534.62	3,144.68	2,696.14	51,002.00	49,198.80
369	98.18	1.1985	7.20	8.42	10,133.95	535.85	3,153.16	2,703.39	51,139.70	49,331.60
370	98.14	1.1984	7.20	8.43	10,156.16	537.08	3,161.57	2,710.58	51,276.10	49,463.30
371	98.15	1.1984	7.20	8.42	10,178.35	538.30	3,169.97	2,717.76	51,412.60	49,595.00
372	98.18	1.1985	7.19	8.40	10,200.51	539.50	3,178.36	2,724.94	51,549.10	49,726.70
373	98.18	1.1985	7.20	8.40	10,222.87	540.72	3,186.82	2,732.18	51,686.80	49,859.60
374	98.19	1.1985	7.20	8.40	10,245.02	541.92	3,195.20	2,739.37	51,823.30	49,991.30

375	98.19	1.1985	7.20	8.40	10,267.16	543.12	3,203.59	2,746.55	51,959.80	50,122.90
376	98.19	1.1985	7.20	8.40	10,289.31	544.32	3,211.97	2,753.73	52,096.30	50,254.60
377	98.19	1.1985	7.20	8.40	10,311.45	545.52	3,220.36	2,760.92	52,232.80	50,386.30
378	98.19	1.1985	7.20	8.40	10,333.81	546.73	3,228.81	2,768.17	52,370.50	50,519.20
379	98.17	1.1985	7.19	8.40	10,355.97	547.94	3,237.20	2,775.34	52,507.00	50,650.90
380	98.16	1.1984	7.19	8.40	10,378.14	549.15	3,245.58	2,782.52	52,643.50	50,782.60
381	98.15	1.1984	7.19	8.40	10,400.31	550.36	3,253.97	2,789.69	52,780.00	50,914.20
382	98.14	1.1984	7.19	8.40	10,422.48	551.57	3,262.35	2,796.87	52,916.50	51,045.90
383	98.15	1.1984	7.19	8.40	10,444.85	552.79	3,270.81	2,804.10	53,054.20	51,178.80
384	98.13	1.1984	7.18	8.40	10,467.04	554.01	3,279.20	2,811.27	53,190.80	51,310.50
385	98.12	1.1984	7.19	8.40	10,489.21	555.22	3,287.58	2,818.44	53,327.20	51,442.20
386	98.13	1.1984	7.19	8.40	10,511.36	556.43	3,295.97	2,825.62	53,463.80	51,573.90
387	98.13	1.1984	7.19	8.40	10,533.69	557.65	3,304.42	2,832.86	53,601.50	51,706.70
388	98.13	1.1984	7.19	8.40	10,555.83	558.85	3,312.81	2,840.04	53,738.00	51,838.40
389	98.13	1.1984	7.20	8.40	10,577.97	560.05	3,321.19	2,847.22	53,874.40	51,970.10
390	98.14	1.1984	7.20	8.40	10,600.12	561.26	3,329.58	2,854.41	54,010.90	52,101.80
391	98.14	1.1984	7.20	8.40	10,622.28	562.46	3,337.96	2,861.59	54,147.40	52,233.50
392	98.14	1.1984	7.20	8.40	10,644.63	563.67	3,346.42	2,868.84	54,285.20	52,366.30
393	98.14	1.1984	7.20	8.40	10,666.77	564.87	3,354.81	2,876.02	54,421.70	52,498.00
394	98.14	1.1984	7.20	8.40	10,688.92	566.07	3,363.19	2,883.20	54,558.10	52,629.70
395	98.15	1.1984	7.20	8.40	10,711.04	567.27	3,371.58	2,890.39	54,694.60	52,761.40
396	98.15	1.1984	7.20	8.40	10,733.37	568.48	3,380.03	2,897.64	54,832.30	52,894.30
397	98.08	1.1983	7.20	8.41	10,755.55	569.70	3,388.43	2,904.82	54,968.80	53,025.90
398	98.08	1.1983	7.18	8.41	10,777.72	570.92	3,396.82	2,911.99	55,105.30	53,157.60
399	98.08	1.1983	7.18	8.40	10,799.89	572.13	3,405.21	2,919.16	55,241.80	53,289.30
400	98.09	1.1983	7.19	8.40	10,822.03	573.34	3,413.59	2,926.33	55,378.30	53,421.00
401	98.09	1.1983	7.19	8.40	10,844.37	574.56	3,422.05	2,933.58	55,516.00	53,553.90
402	98.09	1.1983	7.19	8.40	10,866.51	575.76	3,430.44	2,940.76	55,652.50	53,685.60
403	98.09	1.1983	7.20	8.40	10,888.66	576.97	3,438.82	2,947.94	55,789.00	53,817.20
404	98.10	1.1983	7.20	8.40	10,910.80	578.17	3,447.21	2,955.12	55,925.50	53,948.90
405	98.10	1.1983	7.20	8.40	10,933.13	579.38	3,455.66	2,962.37	56,063.10	54,081.80
406	98.10	1.1983	7.20	8.40	10,955.26	580.58	3,464.05	2,969.55	56,199.60	54,213.50
407	98.10	1.1983	7.20	8.40	10,977.39	581.78	3,472.43	2,976.73	56,336.10	54,345.20
408	98.10	1.1983	7.20	8.40	10,999.51	582.98	3,480.82	2,983.92	56,472.50	54,476.90
409	98.11	1.1983	7.20	8.40	11,021.63	584.18	3,489.20	2,991.10	56,609.00	54,608.60
410	98.10	1.1983	7.20	8.40	11,043.96	585.39	3,497.66	2,998.35	56,746.70	54,741.40
411	98.04	1.1982	7.18	8.40	11,066.14	586.61	3,506.05	3,005.52	56,883.20	54,873.10
412	98.03	1.1982	7.18	8.40	11,088.32	587.83	3,514.43	3,012.69	57,019.60	55,004.80
413	98.04	1.1982	7.18	8.40	11,110.48	589.04	3,522.82	3,019.86	57,156.10	55,136.50
414	98.04	1.1982	7.19	8.40	11,132.61	590.25	3,531.20	3,027.03	57,292.60	55,268.20

415	98.05	1.1982	7.19	8.40	11,154.93	591.47	3,539.66	3,034.28	57,430.40	55,401.00
416	98.05	1.1982	7.19	8.40	11,177.07	592.67	3,548.05	3,041.45	57,566.80	55,532.70
417	98.05	1.1982	7.20	8.40	11,199.20	593.88	3,556.43	3,048.64	57,703.30	55,664.40
418	98.05	1.1982	7.20	8.40	11,221.32	595.08	3,564.82	3,055.82	57,839.80	55,796.10
419	98.06	1.1982	7.20	8.40	11,243.64	596.29	3,573.28	3,063.07	57,977.50	55,929.00
420	98.06	1.1982	7.20	8.40	11,265.78	597.49	3,581.66	3,070.25	58,114.00	56,060.60
421	98.06	1.1983	7.20	8.40	11,287.92	598.69	3,590.04	3,077.43	58,250.50	56,192.30
422	98.06	1.1983	7.20	8.40	11,310.04	599.89	3,598.43	3,084.62	58,386.90	56,324.00
423	98.04	1.1982	7.19	8.40	11,332.17	601.10	3,606.81	3,091.80	58,523.40	56,455.70
424	98.04	1.1982	7.19	8.40	11,354.50	602.32	3,615.27	3,099.04	58,661.10	56,588.60

SURVEY No. 2

Time (days) 424.007
Incremental Time (hours) 12.821
production Rate (gpm) 12.821
Injection Rate (gpm) 3.993
Injection/Production Ratio (gal/gal) 1.037
Mass Balance 1.000

Cell No.	Cell Height (feet)	Depth (feet)	Radius (feet)	Cavity Brine (sp. gravity)	Plume Brine (sp. gravity)	Plume Flow (gpm)	Inclination (degrees)	Cell Volume (barrels)	Cumm. Volume (barrels)
105	104.5	485.5	3.07	1.1983	1.1982	21.16	91	5.27	5.27
104	103.5	486.5	3.09	1.1982	1.1981	21.44	92	5.35	10.62
103	102.5	487.5	3.14	1.1981	1.1981	22.01	93	5.53	16.16
102	101.5	488.5	3.20	1.1981	1.1980	22.67	93	5.73	21.88
101	100.5	489.5	3.26	1.1980	1.1978	23.39	93	5.95	27.84
100	99.5	490.5	3.33	1.1978	1.1977	24.19	93	6.19	34.03
99	98.5	491.5	3.40	1.1977	1.1976	25.06	94	6.46	40.49
98	97.5	492.5	3.47	1.1976	1.1974	25.99	94	6.74	47.23
97	96.5	493.5	3.55	1.1974	1.1973	26.99	94	7.05	54.28
96	95.5	494.5	3.63	1.1973	1.1971	28.07	94	7.38	61.66
95	94.5	495.5	3.72	1.1971	1.1969	29.22	95	7.73	69.39
94	93.5	496.5	3.81	1.1969	1.1967	30.46	95	8.11	77.50
93	92.5	497.5	3.90	1.1967	1.1965	31.78	95	8.51	86.01
92	91.5	498.5	4.00	1.1965	1.1963	33.20	95	8.94	94.95
91	90.5	499.5	4.10	1.1963	1.1961	34.72	95	9.41	104.36

90	89.5	500.5	4.21	1.1961	1.1959	36.35	96	9.91	114.27
89	88.5	501.5	4.32	1.1959	1.1956	38.11	96	10.44	124.71
88	87.5	502.5	4.44	1.1956	1.1954	40.00	96	11.02	135.73
87	86.5	503.5	4.56	1.1954	1.1951	42.02	97	11.64	147.37
86	85.5	504.5	4.69	1.1951	1.1949	44.21	97	12.30	159.67
85	84.5	505.5	4.82	1.1949	1.1946	46.56	97	13.02	172.69
84	83.5	506.5	4.97	1.1946	1.1943	49.10	98	13.80	186.49
83	82.5	507.5	5.11	1.1943	1.1940	51.85	98	14.64	201.13
82	81.5	508.5	5.27	1.1940	1.1937	54.81	99	15.54	216.67
81	80.5	509.5	5.43	1.1937	1.1934	58.02	99	16.52	233.19
80	79.5	510.5	5.61	1.1934	1.1930	61.49	99	17.58	250.77
79	78.5	511.5	5.79	1.1930	1.1927	65.25	100	18.73	269.49
78	77.5	512.5	5.97	1.1927	1.1923	69.33	100	19.97	289.46
77	76.5	513.5	6.17	1.1923	1.1920	73.75	101	21.32	310.79
76	75.5	514.5	6.38	1.1920	1.1916	78.56	102	22.79	333.58
75	74.5	515.5	6.60	1.1916	1.1912	83.78	102	24.38	357.96
74	73.5	516.5	6.83	1.1912	1.1909	89.45	103	26.12	384.07
73	72.5	517.5	7.07	1.1909	1.1907	95.62	103	28.00	412.07
72	71.5	518.5	7.33	1.1907	1.1905	102.30	104	30.04	442.11
71	70.5	519.5	7.58	1.1905	1.1905	109.18	104	32.14	474.24
70	69.5	520.5	7.83	1.1905	1.1905	116.25	104	34.29	508.54
69	68.5	521.5	8.08	1.1905	1.1904	123.52	104	36.51	545.05
68	67.5	522.5	8.34	1.1904	1.1904	131.43	104	38.93	583.98
67	66.5	523.5	8.61	1.1904	1.1903	139.75	104	41.47	625.44
66	65.5	524.5	8.87	1.1903	1.1904	148.02	103	43.99	669.44
65	64.5	525.5	9.11	1.1904	1.1901	155.90	103	46.40	715.83
64	63.5	526.5	9.36	1.1901	1.1896	156.15	104	49.02	764.85
63	62.5	527.5	9.62	1.1904	1.1896	155.69	104	51.75	816.61
62	61.5	528.5	9.88	1.1903	1.1896	155.19	104	54.57	871.18
61	60.5	529.5	10.14	1.1904	1.1896	154.61	104	57.50	928.68
60	59.5	530.5	10.39	1.1905	1.1896	154.06	104	60.35	989.03
59	58.5	531.5	10.64	1.1904	1.1896	153.45	104	63.34	1,052.37
58	57.5	532.5	10.89	1.1906	1.1896	152.73	104	66.40	1,118.78
57	56.5	533.5	11.15	1.1907	1.1896	151.92	104	69.59	1,188.37
56	55.5	534.5	11.41	1.1908	1.1896	151.01	104	72.89	1,261.26
55	54.5	535.5	11.66	1.1909	1.1896	150.05	104	76.11	1,337.38
54	53.5	536.5	11.91	1.1910	1.1896	149.08	103	79.41	1,416.79
53	52.5	537.5	12.16	1.1910	1.1895	148.12	103	82.69	1,499.48
52	51.5	538.5	12.40	1.1910	1.1895	147.15	103	86.01	1,585.49
51	50.5	539.5	12.63	1.1910	1.1895	146.15	102	89.26	1,674.75

50	49.5	540.5	12.84	1.1911	1.1895	145.10	101	92.26	1,767.01
49	48.5	541.5	13.05	1.1911	1.1895	143.99	101	95.26	1,862.27
48	47.5	542.5	13.25	1.1912	1.1895	142.84	101	98.24	1,960.51
47	46.5	543.5	13.45	1.1913	1.1895	141.63	101	101.21	2,061.72
46	45.5	544.5	13.65	1.1914	1.1895	140.37	100	104.19	2,165.91
45	44.5	545.5	13.84	1.1914	1.1894	139.06	100	107.12	2,273.03
44	43.5	546.5	14.02	1.1915	1.1894	137.70	100	110.00	2,383.02
43	42.5	547.5	14.20	1.1916	1.1894	136.29	99	112.82	2,495.84
42	41.5	548.5	14.37	1.1916	1.1894	134.83	99	115.55	2,611.39
41	40.5	549.5	14.53	1.1917	1.1893	133.32	99	118.15	2,729.54
40	39.5	550.5	14.69	1.1918	1.1893	131.75	98	120.76	2,850.30
39	38.5	551.5	14.85	1.1919	1.1893	130.13	98	123.35	2,973.65
38	37.5	552.5	15.01	1.1920	1.1892	128.45	98	126.00	3,099.64
37	36.5	553.5	15.15	1.1920	1.1892	126.72	98	128.51	3,228.15
36	35.5	554.5	15.31	1.1921	1.1892	124.93	98	131.12	3,359.27
35	34.5	555.5	15.47	1.1922	1.1891	123.08	98	133.83	3,493.10
34	33.5	556.5	15.62	1.1923	1.1891	121.17	98	136.46	3,629.56
33	32.5	557.5	15.77	1.1924	1.1890	119.21	98	139.13	3,768.69
32	31.5	558.5	15.93	1.1925	1.1890	117.18	99	141.92	3,910.61
31	30.5	559.5	16.10	1.1925	1.1889	115.09	99	144.98	4,055.60
30	29.5	560.5	16.28	1.1926	1.1888	112.94	100	148.25	4,203.85
29	28.5	561.5	16.47	1.1927	1.1887	110.72	101	151.76	4,355.61
28	27.5	562.5	16.67	1.1928	1.1887	108.44	101	155.48	4,511.09
27	26.5	563.5	16.88	1.1929	1.1886	106.10	102	159.46	4,670.54
26	25.5	564.5	17.10	1.1930	1.1885	103.68	102	163.71	4,834.25
25	24.5	565.5	17.34	1.1931	1.1883	101.19	103	168.24	5,002.49
24	23.5	566.5	17.59	1.1932	1.1882	98.64	104	173.08	5,175.58
23	22.5	567.5	17.85	1.1933	1.1881	96.00	104	178.23	5,353.80
22	21.5	568.5	18.12	1.1934	1.1879	93.30	105	183.72	5,537.52
21	20.5	569.5	18.40	1.1936	1.1877	90.51	106	189.54	5,727.06
20	19.5	570.5	18.70	1.1937	1.1876	87.64	106	195.71	5,922.77
19	18.5	571.5	19.01	1.1938	1.1873	84.69	107	202.26	6,125.04
18	17.5	572.5	19.34	1.1939	1.1871	81.65	108	209.22	6,334.26
17	16.5	573.5	19.67	1.1941	1.1868	78.51	108	216.58	6,550.84
16	15.5	574.5	20.02	1.1942	1.1865	75.28	109	224.37	6,775.21
15	14.5	575.5	20.39	1.1943	1.1861	71.95	110	232.59	7,007.81
14	13.5	576.5	20.77	1.1945	1.1857	68.52	110	241.28	7,249.08
13	12.5	577.5	21.15	1.1946	1.1852	64.97	111	250.41	7,499.49
12	11.5	578.5	21.56	1.1948	1.1846	61.30	112	260.04	7,759.53
11	10.5	579.5	21.97	1.1950	1.1840	57.51	112	270.11	8,029.65

10	9.5	580.5	22.40	1.1952	1.1831	53.57	113	280.66	8,310.30	
9	8.5	581.5	22.83	1.1954	1.1821	49.49	113	291.74	8,602.04	
8	7.5	582.5	23.28	1.1956	1.1809	45.23	114	303.23	8,905.26	
7	6.5	583.5	23.73	1.1958	1.1792	40.78	114	315.13	9,220.39	
6	5.5	584.5	24.19	1.1960	1.1770	36.12	114	327.29	9,547.68	
5	4.5	585.5	24.64	1.1963	1.1739	31.18	114	339.65	9,887.33	
4	3.5	586.5	25.08	1.1966	1.1693	25.92	113	351.97	10,239.30	
3	2.5	587.5	25.49	1.1970	1.1613	20.19	110	363.48	10,602.78	
2	1.5	588.5	25.82	1.1974	1.1440	13.72	104	373.10	10,975.88	
1	0.5	589.5	26.01	1.1980	1.0000	3.99	100	378.61	11,354.50	
Time (days)	Produced		Daily Salt Production (tons/day)	Daily Salt Dissolution (tons/day)	Cavity Volume (barrels)	Salt in Solution		Total Salt Produced (tons)	Total Water	
	Brine (% sat.)	Brine (sp. gr.)				(tons)	(tons)		Injected (barrels)	Total Brine Produced (barrels)
425	97.92	1.1980	8.31	8.59	11,377.15	602.60	3,623.85	3,107.33	58,818.60	56,740.80
426	97.87	1.1979	8.31	8.88	11,400.57	603.18	3,632.72	3,115.62	58,976.20	56,893.10
427	97.82	1.1978	8.30	9.09	11,424.54	603.96	3,641.78	3,123.91	59,133.80	57,045.30
428	97.80	1.1978	8.30	9.23	11,449.09	604.90	3,651.08	3,132.27	59,292.90	57,198.90
429	97.79	1.1977	8.30	9.34	11,473.72	605.94	3,660.40	3,140.55	59,450.70	57,351.20
430	97.76	1.1977	8.30	9.43	11,498.58	607.07	3,669.81	3,148.83	59,608.50	57,503.40
431	97.75	1.1977	8.29	9.49	11,523.61	608.26	3,679.29	3,157.11	59,766.40	57,655.70
432	97.75	1.1977	8.29	9.54	11,548.75	609.50	3,688.80	3,165.39	59,924.30	57,807.90
433	97.75	1.1977	8.29	9.57	11,574.21	610.79	3,698.44	3,173.74	60,083.60	57,961.50
434	97.74	1.1977	8.30	9.60	11,599.52	612.09	3,708.02	3,182.02	60,241.50	58,113.80
435	97.74	1.1977	8.29	9.61	11,624.88	613.41	3,717.62	3,190.29	60,399.50	58,266.00
436	97.73	1.1976	8.29	9.63	11,650.28	614.74	3,727.23	3,198.57	60,557.40	58,418.30
437	97.71	1.1976	8.29	9.65	11,675.94	616.11	3,736.95	3,206.92	60,716.70	58,571.90
438	97.70	1.1976	8.29	9.66	11,701.39	617.47	3,746.59	3,215.20	60,874.60	58,724.10
439	97.69	1.1976	8.29	9.66	11,726.86	618.84	3,756.23	3,223.47	61,032.60	58,876.40
440	97.68	1.1975	8.28	9.66	11,752.34	620.22	3,765.87	3,231.73	61,190.50	59,028.60
441	97.68	1.1975	8.28	9.66	11,777.84	621.60	3,775.51	3,240.00	61,348.50	59,180.90
442	97.69	1.1976	8.28	9.66	11,803.57	622.98	3,785.24	3,248.34	61,507.80	59,334.50
443	97.70	1.1976	8.28	9.66	11,829.06	624.36	3,794.88	3,256.60	61,665.70	59,486.80
444	97.69	1.1976	8.29	9.67	11,854.57	625.74	3,804.53	3,264.88	61,823.70	59,639.00
445	97.68	1.1975	8.29	9.68	11,880.07	627.12	3,814.19	3,273.15	61,981.60	59,791.30
446	97.68	1.1975	8.29	9.68	11,905.79	628.52	3,823.94	3,281.50	62,140.90	59,944.90
447	97.69	1.1976	8.29	9.67	11,931.29	629.90	3,833.59	3,289.77	62,298.90	60,097.10
448	97.68	1.1975	8.29	9.68	11,956.80	631.28	3,843.25	3,298.05	62,456.80	60,249.40
449	97.65	1.1975	8.30	9.69	11,982.33	632.67	3,852.91	3,306.33	62,614.70	60,401.60

450	97.64	1.1975	8.29	9.69	12,007.87	634.06	3,862.58	3,314.60	62,772.60	60,553.90
451	97.63	1.1975	8.29	9.69	12,033.62	635.46	3,872.34	3,322.96	62,932.00	60,707.50
452	97.63	1.1974	8.29	9.69	12,059.13	636.86	3,882.01	3,331.23	63,089.90	60,859.70
453	97.63	1.1974	8.29	9.68	12,084.65	638.24	3,891.67	3,339.50	63,247.90	61,012.00
454	97.63	1.1974	8.28	9.67	12,110.15	639.63	3,901.32	3,347.77	63,405.80	61,164.20
455	97.63	1.1975	8.28	9.67	12,135.64	641.01	3,910.97	3,356.03	63,563.70	61,316.50
456	97.65	1.1975	8.28	9.67	12,161.37	642.41	3,920.70	3,364.37	63,723.10	61,470.10
457	97.62	1.1974	8.29	9.68	12,186.87	643.80	3,930.36	3,372.65	63,881.00	61,622.30
458	97.63	1.1974	8.28	9.67	12,212.37	645.18	3,940.02	3,380.91	64,038.90	61,774.60
459	97.64	1.1975	8.28	9.66	12,237.86	646.57	3,949.66	3,389.18	64,196.80	61,926.80
460	97.63	1.1974	8.28	9.67	12,263.58	647.96	3,959.39	3,397.51	64,356.20	62,080.40
461	97.60	1.1974	8.28	9.68	12,289.11	649.35	3,969.05	3,405.78	64,514.10	62,232.70
462	97.59	1.1974	8.28	9.68	12,314.63	650.74	3,978.71	3,414.05	64,672.00	62,384.90
463	97.58	1.1974	8.28	9.68	12,340.15	652.14	3,988.37	3,422.31	64,830.00	62,537.20
464	97.57	1.1973	8.28	9.68	12,365.64	653.53	3,998.02	3,430.58	64,987.90	62,689.40
465	97.57	1.1973	8.28	9.67	12,391.35	654.93	4,007.76	3,438.91	65,147.20	62,843.10
466	97.58	1.1973	8.27	9.66	12,416.85	656.31	4,017.40	3,447.17	65,305.20	62,995.30
467	97.58	1.1974	8.27	9.66	12,442.33	657.70	4,027.04	3,455.42	65,463.10	63,147.60
468	97.58	1.1974	8.27	9.66	12,467.83	659.08	4,036.68	3,463.68	65,620.90	63,299.80
469	97.60	1.1974	8.28	9.66	12,493.54	660.47	4,046.41	3,472.02	65,779.80	63,453.40
470	97.57	1.1973	8.28	9.67	12,519.04	661.86	4,056.06	3,480.28	65,937.50	63,605.70
471	97.55	1.1973	8.28	9.68	12,544.54	663.25	4,065.71	3,488.54	66,095.20	63,757.90
472	97.55	1.1973	8.27	9.66	12,570.03	664.64	4,075.36	3,496.80	66,252.80	63,910.20
473	97.55	1.1973	8.27	9.66	12,595.51	666.03	4,085.00	3,505.05	66,410.50	64,062.40
474	97.54	1.1973	8.28	9.67	12,621.23	667.43	4,094.74	3,513.39	66,569.60	64,216.00
475	97.52	1.1972	8.29	9.69	12,646.73	668.82	4,104.41	3,521.67	66,727.20	64,368.30
476	97.52	1.1972	8.29	9.69	12,672.23	670.21	4,114.08	3,529.95	66,884.90	64,520.50
477	97.52	1.1972	8.30	9.69	12,697.72	671.60	4,123.74	3,538.23	67,042.50	64,672.80
478	97.52	1.1972	8.29	9.68	12,723.42	673.00	4,133.49	3,546.57	67,201.50	64,826.40
479	97.52	1.1972	8.28	9.67	12,748.89	674.38	4,143.14	3,554.84	67,359.00	64,978.60
480	97.53	1.1972	8.28	9.67	12,774.36	675.76	4,152.79	3,563.11	67,516.50	65,130.90
481	97.53	1.1973	8.27	9.66	12,799.83	677.14	4,162.43	3,571.36	67,674.00	65,283.10
482	97.54	1.1973	8.25	9.64	12,825.29	678.52	4,172.04	3,579.60	67,831.70	65,435.40
483	97.54	1.1973	8.25	9.63	12,850.98	679.91	4,181.74	3,587.91	67,990.80	65,589.00
484	97.54	1.1973	8.27	9.65	12,876.46	681.29	4,191.38	3,596.17	68,148.50	65,741.20
485	97.49	1.1972	8.29	9.69	12,901.95	682.68	4,201.04	3,604.44	68,306.20	65,893.50
486	97.45	1.1971	8.28	9.69	12,927.44	684.08	4,210.71	3,612.71	68,464.00	66,045.70
487	97.45	1.1971	8.29	9.69	12,952.93	685.48	4,220.38	3,620.98	68,621.70	66,198.00
488	97.46	1.1971	8.29	9.69	12,978.64	686.89	4,230.13	3,629.33	68,780.80	66,351.60
489	97.46	1.1971	8.28	9.67	13,004.12	688.28	4,239.79	3,637.59	68,938.40	66,503.90

490	97.46	1.1971	8.27	9.66	13,029.60	689.66	4,249.42	3,645.84	69,095.90	66,656.10
491	97.46	1.1971	8.26	9.65	13,055.07	691.05	4,259.05	3,654.09	69,253.40	66,808.40
492	97.47	1.1971	8.25	9.63	13,080.75	692.44	4,268.75	3,662.39	69,412.30	66,962.00
493	97.47	1.1971	8.25	9.63	13,106.19	693.82	4,278.37	3,670.63	69,569.90	67,114.20
494	97.47	1.1971	8.25	9.63	13,131.63	695.20	4,287.98	3,678.86	69,727.60	67,266.50
495	97.48	1.1972	8.25	9.63	13,157.08	696.58	4,297.59	3,687.09	69,885.20	67,418.70
496	97.49	1.1972	8.25	9.63	13,182.52	697.96	4,307.21	3,695.33	70,043.10	67,571.00
497	97.49	1.1972	8.25	9.63	13,208.20	699.35	4,316.91	3,703.64	70,202.50	67,724.60
498	97.49	1.1972	8.25	9.63	13,233.65	700.72	4,326.52	3,711.88	70,360.40	67,876.80
499	97.47	1.1971	8.27	9.65	13,259.12	702.11	4,336.16	3,720.13	70,518.00	68,029.10
500	97.42	1.1970	8.29	9.68	13,284.62	703.50	4,345.82	3,728.40	70,675.80	68,181.30
501	97.40	1.1970	8.29	9.69	13,310.33	704.91	4,355.58	3,736.74	70,834.90	68,334.90
502	97.40	1.1970	8.28	9.68	13,335.80	706.31	4,365.24	3,745.01	70,992.50	68,487.20
503	97.40	1.1970	8.26	9.66	13,361.26	707.70	4,374.87	3,753.25	71,150.10	68,639.40
504	97.40	1.1970	8.25	9.64	13,386.72	709.09	4,384.49	3,761.48	71,307.70	68,791.70
505	97.40	1.1970	8.24	9.63	13,412.19	710.48	4,394.11	3,769.71	71,465.20	68,943.90
506	97.41	1.1970	8.25	9.63	13,437.87	711.87	4,403.80	3,778.02	71,624.20	69,097.50
507	97.41	1.1970	8.25	9.63	13,463.31	713.25	4,413.42	3,786.25	71,781.90	69,249.80
508	97.41	1.1970	8.25	9.63	13,488.76	714.64	4,423.03	3,794.48	71,939.60	69,402.00
509	97.43	1.1971	8.25	9.63	13,514.21	716.02	4,432.65	3,802.71	72,097.40	69,554.30
510	97.42	1.1971	8.25	9.63	13,539.86	717.40	4,442.34	3,811.02	72,256.50	69,707.90
511	97.38	1.1970	8.24	9.63	13,565.30	718.79	4,451.96	3,819.25	72,414.00	69,860.10
512	97.38	1.1970	8.24	9.63	13,590.75	720.18	4,461.57	3,827.48	72,571.50	70,012.40
513	97.36	1.1969	8.24	9.63	13,616.19	721.57	4,471.18	3,835.70	72,729.00	70,164.60
514	97.36	1.1969	8.24	9.63	13,641.64	722.96	4,480.80	3,843.93	72,886.60	70,316.90
515	97.35	1.1969	8.24	9.63	13,667.33	724.36	4,490.50	3,852.22	73,045.60	70,470.50
516	97.34	1.1969	8.24	9.63	13,692.79	725.75	4,500.11	3,860.45	73,203.10	70,622.80
517	97.34	1.1969	8.24	9.63	13,718.24	727.14	4,509.73	3,868.67	73,360.70	70,775.00
518	97.34	1.1969	8.24	9.63	13,743.68	728.53	4,519.34	3,876.90	73,518.30	70,927.30
519	97.34	1.1969	8.25	9.63	13,769.35	729.92	4,529.04	3,885.20	73,677.30	71,080.90
520	97.34	1.1969	8.25	9.63	13,794.79	731.31	4,538.65	3,893.43	73,835.10	71,233.10
521	97.35	1.1969	8.25	9.63	13,820.22	732.69	4,548.27	3,901.66	73,992.90	71,385.40
522	97.35	1.1969	8.25	9.63	13,845.64	734.07	4,557.88	3,909.89	74,150.60	71,537.60
523	97.35	1.1969	8.25	9.63	13,871.07	735.45	4,567.49	3,918.13	74,308.50	71,689.90
524	97.38	1.1970	8.25	9.63	13,896.71	736.84	4,577.19	3,926.44	74,467.60	71,843.50
525	97.32	1.1969	8.25	9.63	13,922.13	738.22	4,586.81	3,934.67	74,625.30	71,995.70
526	97.28	1.1968	8.23	9.63	13,947.58	739.61	4,596.42	3,942.89	74,782.90	72,148.00
527	97.28	1.1968	8.24	9.63	13,973.01	741.01	4,606.03	3,951.11	74,940.40	72,300.20
528	97.28	1.1968	8.24	9.63	13,998.43	742.40	4,615.65	3,959.33	75,097.90	72,452.50
529	97.30	1.1968	8.24	9.63	14,024.08	743.80	4,625.35	3,967.63	75,256.90	72,606.10

530	97.27	1.1968	8.24	9.63	14,049.53	745.18	4,634.96	3,975.86	75,414.50	72,758.30
531	97.27	1.1968	8.24	9.63	14,074.97	746.57	4,644.57	3,984.08	75,572.30	72,910.60
532	97.27	1.1968	8.24	9.63	14,100.40	747.96	4,654.19	3,992.31	75,730.10	73,062.80
533	97.28	1.1968	8.25	9.63	14,126.06	749.35	4,663.89	4,000.61	75,889.30	73,216.40
534	97.28	1.1968	8.25	9.63	14,151.49	750.74	4,673.50	4,008.85	76,047.20	73,368.70
535	97.28	1.1968	8.25	9.63	14,176.92	752.12	4,683.11	4,017.08	76,205.20	73,520.90
536	97.28	1.1968	8.25	9.63	14,202.31	753.50	4,692.73	4,025.31	76,362.90	73,673.20
537	97.28	1.1968	8.25	9.63	14,227.71	754.88	4,702.34	4,033.55	76,520.70	73,825.40
538	97.30	1.1968	8.25	9.63	14,253.33	756.27	4,712.04	4,041.85	76,679.80	73,979.10
539	97.31	1.1969	8.25	9.63	14,278.72	757.64	4,721.65	4,050.09	76,837.50	74,131.30
540	97.32	1.1969	8.25	9.63	14,304.11	759.02	4,731.27	4,058.33	76,995.10	74,283.60
541	97.25	1.1967	8.25	9.63	14,329.53	760.40	4,740.88	4,066.56	77,152.80	74,435.80
542	97.21	1.1967	8.23	9.63	14,355.19	761.81	4,750.58	4,074.85	77,311.70	74,589.40
543	97.21	1.1967	8.24	9.63	14,380.63	763.20	4,760.19	4,083.07	77,469.20	74,741.70
544	97.25	1.1967	8.24	9.63	14,406.05	764.59	4,769.80	4,091.30	77,626.90	74,893.90
545	97.22	1.1967	8.24	9.63	14,431.47	765.98	4,779.42	4,099.52	77,784.60	75,046.20
546	97.21	1.1967	8.24	9.63	14,456.88	767.37	4,789.03	4,107.75	77,942.30	75,198.40
547	97.21	1.1967	8.24	9.63	14,482.51	768.76	4,798.73	4,116.05	78,101.40	75,352.00
548	97.21	1.1967	8.25	9.63	14,507.92	770.15	4,808.34	4,124.28	78,259.30	75,504.30
549	97.21	1.1967	8.25	9.63	14,533.32	771.53	4,817.96	4,132.51	78,417.10	75,656.50
550	97.21	1.1967	8.25	9.63	14,558.72	772.91	4,827.57	4,140.74	78,574.80	75,808.80
551	97.22	1.1967	8.25	9.63	14,584.35	774.30	4,837.27	4,149.05	78,734.00	75,962.40
552	97.22	1.1967	8.25	9.63	14,609.75	775.68	4,846.88	4,157.28	78,891.80	76,114.60
553	97.23	1.1967	8.25	9.63	14,635.15	777.07	4,856.50	4,165.52	79,049.50	76,266.90
554	97.23	1.1967	8.25	9.63	14,660.54	778.44	4,866.11	4,173.75	79,207.30	76,419.10
555	97.22	1.1967	8.25	9.63	14,685.94	779.82	4,875.72	4,181.98	79,365.00	76,571.40
556	97.15	1.1965	8.24	9.63	14,711.57	781.22	4,885.42	4,190.28	79,524.00	76,725.00
557	97.14	1.1965	8.24	9.63	14,736.97	782.62	4,895.04	4,198.50	79,681.50	76,877.20
558	97.14	1.1965	8.24	9.63	14,762.37	784.01	4,904.65	4,206.73	79,839.30	77,029.50
559	97.14	1.1965	8.24	9.63	14,787.78	785.39	4,914.26	4,214.95	79,997.20	77,181.70
560	97.19	1.1966	8.25	9.63	14,813.17	786.77	4,923.88	4,223.19	80,155.00	77,334.00
561	97.15	1.1965	8.25	9.63	14,838.80	788.17	4,933.58	4,231.49	80,314.20	77,487.60
562	97.14	1.1965	8.24	9.63	14,864.19	789.56	4,943.19	4,239.72	80,472.10	77,639.90
563	97.14	1.1965	8.24	9.63	14,889.58	790.94	4,952.80	4,247.94	80,629.80	77,792.10
564	97.14	1.1965	8.25	9.63	14,914.97	792.32	4,962.42	4,256.18	80,787.60	77,944.40
565	97.14	1.1965	8.25	9.63	14,940.58	793.72	4,972.12	4,264.48	80,946.70	78,098.00
566	97.14	1.1965	8.25	9.63	14,965.95	795.10	4,981.73	4,272.71	81,104.40	78,250.20
567	97.15	1.1965	8.25	9.63	14,991.32	796.48	4,991.34	4,280.95	81,262.00	78,402.50
568	97.15	1.1966	8.25	9.63	15,016.69	797.86	5,000.96	4,289.18	81,419.60	78,554.70
569	97.17	1.1966	8.25	9.63	15,042.06	799.24	5,010.57	4,297.42	81,577.30	78,707.00

570	97.15	1.1965	8.25	9.63	15,067.65	800.62	5,020.27	4,305.73	81,736.30	78,860.60
571	97.08	1.1964	8.24	9.63	15,093.05	802.01	5,029.88	4,313.95	81,894.10	79,012.80
572	97.07	1.1964	8.24	9.63	15,118.46	803.41	5,039.50	4,322.17	82,051.90	79,165.10
573	97.07	1.1964	8.24	9.63	15,143.86	804.80	5,049.11	4,330.39	82,209.80	79,317.30
574	97.07	1.1964	8.24	9.63	15,169.47	806.20	5,058.81	4,338.69	82,369.00	79,470.90
575	97.07	1.1964	8.25	9.63	15,194.85	807.58	5,068.42	4,346.92	82,526.80	79,623.20
576	97.10	1.1964	8.25	9.63	15,220.22	808.96	5,078.04	4,355.16	82,684.40	79,775.40
577	97.07	1.1964	8.25	9.63	15,245.58	810.35	5,087.65	4,363.39	82,842.10	79,927.70
578	97.06	1.1964	8.25	9.63	15,270.94	811.73	5,097.26	4,371.61	82,999.70	80,079.90
579	97.07	1.1964	8.25	9.63	15,296.52	813.13	5,106.96	4,379.92	83,158.80	80,233.50
580	97.07	1.1964	8.25	9.63	15,321.88	814.51	5,116.58	4,388.15	83,316.40	80,385.80
581	97.07	1.1964	8.25	9.63	15,347.24	815.89	5,126.19	4,396.39	83,474.00	80,538.00
582	97.07	1.1964	8.25	9.63	15,372.61	817.26	5,135.80	4,404.62	83,631.60	80,690.30
583	97.08	1.1964	8.25	9.63	15,398.21	818.66	5,145.50	4,412.93	83,790.70	80,843.90
584	97.09	1.1964	8.25	9.63	15,423.58	820.04	5,155.12	4,421.16	83,948.30	80,996.10
585	97.11	1.1965	8.26	9.63	15,448.94	821.41	5,164.73	4,429.40	84,105.90	81,148.40
586	97.03	1.1963	8.25	9.63	15,474.32	822.79	5,174.34	4,437.63	84,263.50	81,300.60
587	96.99	1.1962	8.24	9.63	15,499.70	824.19	5,183.96	4,445.85	84,421.50	81,452.90
588	96.99	1.1962	8.24	9.63	15,525.29	825.59	5,193.66	4,454.15	84,580.60	81,606.50
589	96.99	1.1962	8.24	9.63	15,550.64	826.98	5,203.27	4,462.37	84,738.30	81,758.80
590	96.99	1.1962	8.24	9.63	15,576.00	828.36	5,212.88	4,470.60	84,896.00	81,911.00
591	96.99	1.1963	8.25	9.63	15,601.34	829.74	5,222.50	4,478.83	85,053.60	82,063.30
592	97.01	1.1963	8.25	9.63	15,626.91	831.14	5,232.19	4,487.14	85,212.60	82,216.90
593	96.98	1.1962	8.24	9.63	15,652.27	832.53	5,241.81	4,495.37	85,370.30	82,369.10
594	96.99	1.1962	8.25	9.63	15,677.62	833.91	5,251.42	4,503.60	85,527.90	82,521.40
595	96.99	1.1962	8.25	9.63	15,702.97	835.29	5,261.04	4,511.83	85,685.50	82,673.60
596	96.99	1.1962	8.25	9.63	15,728.32	836.67	5,270.65	4,520.06	85,843.10	82,825.90
597	96.98	1.1962	8.25	9.63	15,753.88	838.06	5,280.35	4,528.37	86,002.10	82,979.50
598	97.00	1.1963	8.25	9.63	15,779.24	839.44	5,289.96	4,536.60	86,159.70	83,131.70
599	97.01	1.1963	8.25	9.63	15,804.59	840.82	5,299.57	4,544.84	86,317.20	83,284.00
600	97.02	1.1963	8.25	9.62	15,829.91	842.19	5,309.18	4,553.07	86,474.80	83,436.20
601	97.18	1.1966	8.23	9.58	15,855.18	843.54	5,318.74	4,561.28	86,632.30	83,588.50
602	97.20	1.1966	8.23	9.58	15,880.69	844.90	5,328.38	4,569.57	86,791.20	83,742.10
603	97.21	1.1967	8.23	9.58	15,906.00	846.24	5,337.94	4,577.78	86,948.80	83,894.30
604	97.21	1.1967	8.24	9.60	15,931.31	847.60	5,347.52	4,586.01	87,106.50	84,046.60
605	97.21	1.1967	8.27	9.63	15,956.64	848.96	5,357.14	4,594.26	87,264.30	84,198.80
606	97.01	1.1963	8.26	9.63	15,982.22	850.34	5,366.84	4,602.58	87,423.30	84,352.40
607	96.98	1.1962	8.22	9.63	16,007.64	851.75	5,376.45	4,610.78	87,580.90	84,504.70
608	96.92	1.1961	8.22	9.63	16,033.07	853.16	5,386.06	4,618.98	87,738.60	84,656.90
609	96.86	1.1960	8.21	9.63	16,058.49	854.58	5,395.68	4,627.18	87,896.30	84,809.20

610	96.90	1.1961	8.22	9.63	16,083.90	855.99	5,405.29	4,635.38	88,053.90	84,961.40
611	96.91	1.1961	8.23	9.63	16,109.50	857.40	5,414.99	4,643.67	88,213.00	85,115.10
612	96.88	1.1960	8.23	9.63	16,134.86	858.79	5,424.60	4,651.89	88,370.80	85,267.30
613	96.91	1.1961	8.24	9.63	16,160.21	860.19	5,434.22	4,660.11	88,528.50	85,419.60
614	96.92	1.1961	8.24	9.63	16,185.55	861.57	5,443.83	4,668.34	88,686.10	85,571.80
615	96.99	1.1962	8.23	9.61	16,211.09	862.97	5,453.51	4,676.62	88,845.10	85,725.40
616	97.11	1.1965	8.23	9.58	16,236.36	864.31	5,463.07	4,684.84	89,002.60	85,877.70
617	97.13	1.1965	8.23	9.58	16,261.64	865.66	5,472.63	4,693.05	89,160.10	86,029.90
618	97.13	1.1965	8.22	9.58	16,286.94	867.01	5,482.18	4,701.26	89,317.70	86,182.20
619	97.13	1.1965	8.22	9.58	16,312.25	868.37	5,491.74	4,709.46	89,475.40	86,334.40
620	97.13	1.1965	8.24	9.61	16,337.79	869.74	5,501.42	4,717.76	89,634.60	86,488.00
621	97.13	1.1965	8.27	9.63	16,363.12	871.11	5,511.03	4,726.01	89,792.20	86,640.30
622	97.13	1.1965	8.26	9.63	16,388.46	872.47	5,520.65	4,734.25	89,949.80	86,792.50
623	96.88	1.1960	8.24	9.63	16,413.86	873.87	5,530.26	4,742.47	90,107.40	86,944.80
624	96.83	1.1959	8.21	9.63	16,439.52	875.30	5,539.96	4,750.74	90,266.70	87,098.40
625	96.85	1.1960	8.21	9.63	16,464.92	876.72	5,549.57	4,758.94	90,424.30	87,250.60
626	96.87	1.1960	8.22	9.63	16,490.31	878.13	5,559.19	4,767.14	90,581.90	87,402.90
627	97.02	1.1963	8.22	9.60	16,515.63	879.50	5,568.77	4,775.35	90,739.50	87,555.10
628	97.04	1.1963	8.21	9.58	16,540.93	880.87	5,578.33	4,783.54	90,897.30	87,707.40
629	97.05	1.1963	8.21	9.58	16,566.45	882.25	5,587.97	4,791.81	91,056.40	87,861.00
630	97.05	1.1964	8.23	9.60	16,591.75	883.61	5,597.56	4,800.03	91,213.90	88,013.20
631	97.05	1.1964	8.25	9.62	16,617.07	884.98	5,607.16	4,808.26	91,371.40	88,165.50
632	97.05	1.1964	8.26	9.63	16,642.40	886.35	5,616.77	4,816.50	91,528.90	88,317.70
633	97.05	1.1964	8.26	9.63	16,667.74	887.72	5,626.39	4,824.74	91,686.40	88,470.00
634	97.05	1.1964	8.26	9.63	16,693.29	889.11	5,636.09	4,833.06	91,845.40	88,623.60
635	97.05	1.1964	8.26	9.63	16,718.62	890.48	5,645.70	4,841.30	92,002.90	88,775.90
636	97.05	1.1964	8.26	9.63	16,743.97	891.86	5,655.31	4,849.54	92,160.40	88,928.10
637	97.05	1.1964	8.25	9.63	16,769.33	893.23	5,664.93	4,857.78	92,318.00	89,080.40
638	97.05	1.1964	8.25	9.63	16,794.92	894.62	5,674.63	4,866.09	92,476.90	89,234.00
639	97.06	1.1964	8.25	9.63	16,820.27	896.00	5,684.24	4,874.32	92,634.50	89,386.20
640	96.78	1.1959	8.21	9.63	16,845.69	897.41	5,693.85	4,882.52	92,792.30	89,538.50
641	96.74	1.1958	8.20	9.63	16,871.12	898.84	5,703.47	4,890.71	92,950.20	89,690.70
642	96.78	1.1958	8.21	9.63	16,896.51	900.25	5,713.08	4,898.91	93,107.80	89,843.00
643	96.69	1.1957	8.21	9.63	16,922.11	901.68	5,722.78	4,907.18	93,266.80	89,996.60
644	96.64	1.1956	8.21	9.63	16,947.47	903.10	5,732.39	4,915.37	93,424.30	90,148.80
645	96.64	1.1956	8.22	9.63	16,972.81	904.52	5,742.01	4,923.57	93,581.90	90,301.10
646	96.64	1.1956	8.20	9.61	16,998.14	905.92	5,751.60	4,931.76	93,739.70	90,453.30
647	96.64	1.1956	8.18	9.58	17,023.68	907.33	5,761.24	4,939.99	93,898.70	90,606.90
648	96.65	1.1956	8.18	9.58	17,048.96	908.72	5,770.80	4,948.16	94,056.30	90,759.20
649	96.65	1.1956	8.19	9.58	17,074.25	910.11	5,780.36	4,956.33	94,213.80	90,911.40

650	96.65	1.1956	8.19	9.58	17,099.54	911.49	5,789.92	4,964.51	94,371.30	91,063.70
651	96.65	1.1956	8.19	9.58	17,124.81	912.87	5,799.48	4,972.69	94,528.90	91,215.90
652	96.65	1.1956	8.20	9.58	17,150.30	914.26	5,809.12	4,980.94	94,687.90	91,369.50
653	96.66	1.1956	8.20	9.58	17,175.55	915.64	5,818.68	4,989.12	94,845.70	91,521.80
654	96.66	1.1956	8.20	9.58	17,200.81	917.02	5,828.24	4,997.30	95,003.40	91,674.00
655	96.66	1.1956	8.20	9.58	17,226.06	918.39	5,837.80	5,005.48	95,161.20	91,826.30
656	96.66	1.1956	8.20	9.58	17,251.54	919.78	5,847.44	5,013.74	95,320.30	91,979.90
657	96.66	1.1956	8.20	9.58	17,276.81	921.16	5,857.00	5,021.92	95,478.10	92,132.10
658	96.66	1.1956	8.20	9.58	17,302.07	922.53	5,866.56	5,030.11	95,635.80	92,284.40
659	96.67	1.1956	8.20	9.58	17,327.33	923.90	5,876.12	5,038.30	95,793.60	92,436.60
660	96.59	1.1955	8.19	9.58	17,352.61	925.29	5,885.68	5,046.47	95,951.20	92,588.90
661	96.55	1.1954	8.18	9.58	17,378.12	926.69	5,895.32	5,054.71	96,110.10	92,742.50
662	96.55	1.1954	8.18	9.58	17,403.40	928.08	5,904.88	5,062.88	96,267.60	92,894.80
663	96.55	1.1954	8.19	9.58	17,428.66	929.47	5,914.44	5,071.05	96,425.20	93,047.00
664	96.56	1.1954	8.19	9.58	17,453.92	930.85	5,924.00	5,079.23	96,582.90	93,199.30
665	96.56	1.1954	8.19	9.58	17,479.40	932.25	5,933.64	5,087.48	96,742.10	93,352.90
666	96.56	1.1954	8.20	9.58	17,504.64	933.62	5,943.20	5,095.66	96,899.90	93,505.10
667	96.56	1.1954	8.20	9.58	17,529.86	935.00	5,952.76	5,103.84	97,057.50	93,657.40
668	96.56	1.1954	8.20	9.58	17,555.07	936.38	5,962.32	5,112.02	97,215.10	93,809.60
669	96.57	1.1954	8.20	9.58	17,580.28	937.75	5,971.88	5,120.21	97,372.70	93,961.90
670	96.57	1.1954	8.20	9.58	17,605.73	939.14	5,981.52	5,128.47	97,531.80	94,115.50
671	96.57	1.1954	8.20	9.58	17,630.97	940.51	5,991.08	5,136.65	97,689.40	94,267.70
672	96.57	1.1955	8.20	9.58	17,656.20	941.88	6,000.64	5,144.84	97,847.00	94,420.00
673	96.57	1.1955	8.20	9.58	17,681.41	943.25	6,010.20	5,153.02	98,004.60	94,572.20
674	96.57	1.1954	8.20	9.58	17,706.63	944.63	6,019.76	5,161.21	98,162.10	94,724.50
675	96.52	1.1954	8.20	9.58	17,732.10	946.02	6,029.40	5,169.47	98,321.30	94,878.10
676	96.52	1.1954	8.19	9.58	17,757.36	947.40	6,038.96	5,177.64	98,479.10	95,030.30
677	96.57	1.1954	8.20	9.58	17,782.59	948.78	6,048.52	5,185.82	98,636.80	95,182.60
678	96.46	1.1952	8.19	9.58	17,807.85	950.16	6,058.08	5,194.00	98,794.50	95,334.80
679	96.45	1.1952	8.19	9.58	17,833.34	951.56	6,067.72	5,202.24	98,953.60	95,488.40
680	96.45	1.1952	8.19	9.58	17,858.58	952.94	6,077.28	5,210.42	99,111.40	95,640.70
681	96.53	1.1954	8.20	9.58	17,883.81	954.32	6,086.84	5,218.60	99,269.10	95,792.90
682	96.54	1.1954	8.20	9.58	17,909.02	955.69	6,096.40	5,226.78	99,426.60	95,945.20
683	96.47	1.1953	8.20	9.58	17,934.21	957.07	6,105.96	5,234.97	99,584.20	96,097.40
684	96.47	1.1953	8.20	9.58	17,959.64	958.46	6,115.60	5,243.22	99,743.20	96,251.10
685	96.47	1.1953	8.20	9.58	17,984.86	959.84	6,125.16	5,251.41	99,900.80	96,403.30
686	96.47	1.1953	8.20	9.58	18,010.07	961.21	6,134.72	5,259.59	100,058.40	96,555.60
687	96.47	1.1953	8.20	9.58	18,035.28	962.58	6,144.28	5,267.77	100,216.10	96,707.80
688	96.45	1.1952	8.20	9.58	18,060.72	963.97	6,153.92	5,276.03	100,375.10	96,861.40
689	96.42	1.1952	8.19	9.58	18,085.95	965.35	6,163.48	5,284.21	100,532.80	97,013.70

690	96.40	1.1951	8.19	9.58	18,111.17	966.74	6,173.04	5,292.39	100,690.50	97,165.90
691	96.37	1.1951	8.19	9.58	18,136.39	968.12	6,182.60	5,300.56	100,848.20	97,318.20
692	96.35	1.1950	8.19	9.58	18,161.61	969.50	6,192.16	5,308.73	101,005.90	97,470.40
693	96.35	1.1950	8.19	9.58	18,187.04	970.90	6,201.80	5,316.98	101,165.00	97,624.00
694	96.36	1.1950	8.19	9.58	18,212.25	972.28	6,211.36	5,325.16	101,322.60	97,776.30
695	96.36	1.1951	8.20	9.58	18,237.45	973.66	6,220.92	5,333.34	101,480.20	97,928.50
696	96.38	1.1951	8.20	9.57	18,262.65	975.03	6,230.47	5,341.52	101,637.70	98,080.80
697	96.37	1.1951	8.20	9.58	18,288.08	976.42	6,240.11	5,349.78	101,796.70	98,234.40
698	96.37	1.1951	8.20	9.58	18,313.27	977.79	6,249.67	5,357.96	101,954.30	98,386.60
699	96.37	1.1951	8.20	9.58	18,338.44	979.17	6,259.23	5,366.14	102,111.80	98,538.90
700	96.37	1.1951	8.20	9.58	18,363.61	980.54	6,268.79	5,374.33	102,269.30	98,691.10
701	96.37	1.1951	8.18	9.55	18,388.79	981.91	6,278.32	5,382.49	102,426.80	98,843.40
702	96.35	1.1950	8.20	9.57	18,414.18	983.30	6,287.96	5,390.75	102,585.70	98,997.00
703	96.32	1.1950	8.20	9.58	18,439.36	984.68	6,297.52	5,398.93	102,743.20	99,149.20
704	96.28	1.1949	8.19	9.58	18,464.54	986.06	6,307.08	5,407.10	102,900.80	99,301.50
705	96.25	1.1948	8.19	9.58	18,489.72	987.44	6,316.64	5,415.28	103,058.30	99,453.70
706	96.25	1.1948	8.18	9.56	18,514.91	988.83	6,326.18	5,423.44	103,216.00	99,606.00
707	96.25	1.1949	8.15	9.53	18,540.30	990.22	6,335.78	5,431.64	103,375.00	99,759.60
708	96.25	1.1949	8.14	9.52	18,565.48	991.60	6,345.28	5,439.77	103,532.50	99,911.90
709	96.26	1.1949	8.15	9.52	18,590.65	992.97	6,354.79	5,447.90	103,690.00	100,064.10
710	96.26	1.1949	8.15	9.52	18,615.83	994.34	6,364.29	5,456.03	103,847.50	100,216.40
711	96.26	1.1949	8.15	9.52	18,641.22	995.73	6,373.88	5,464.23	104,006.40	100,370.00
712	96.26	1.1949	8.15	9.52	18,666.39	997.10	6,383.38	5,472.37	104,163.90	100,522.20
713	96.26	1.1949	8.15	9.52	18,691.55	998.47	6,392.89	5,480.50	104,321.40	100,674.50
714	96.36	1.1951	8.15	9.52	18,716.71	999.84	6,402.39	5,488.63	104,478.90	100,826.70
715	96.24	1.1948	8.15	9.52	18,741.88	1,001.21	6,411.90	5,496.77	104,636.50	100,979.00
716	96.19	1.1947	8.14	9.52	18,767.27	1,002.60	6,421.49	5,504.96	104,795.50	101,132.60
717	96.17	1.1947	8.14	9.52	18,792.43	1,003.99	6,430.99	5,513.08	104,953.00	101,284.80
718	96.15	1.1947	8.14	9.52	18,817.58	1,005.37	6,440.50	5,521.21	105,110.60	101,437.10
719	96.15	1.1947	8.14	9.52	18,842.74	1,006.75	6,450.00	5,529.33	105,268.10	101,589.30
720	96.15	1.1947	8.14	9.52	18,868.11	1,008.15	6,459.59	5,537.52	105,427.00	101,742.90
721	96.15	1.1947	8.14	9.52	18,893.25	1,009.52	6,469.09	5,545.65	105,584.50	101,895.20
722	96.15	1.1947	8.15	9.52	18,918.39	1,010.90	6,478.60	5,553.78	105,742.00	102,047.40
723	96.15	1.1947	8.15	9.52	18,943.53	1,012.27	6,488.10	5,561.91	105,899.50	102,199.70
724	96.16	1.1947	8.15	9.52	18,968.67	1,013.64	6,497.60	5,570.05	106,057.10	102,351.90
725	96.16	1.1947	8.15	9.52	18,994.03	1,015.02	6,507.19	5,578.25	106,216.10	102,505.50
726	96.16	1.1947	8.15	9.52	19,019.17	1,016.39	6,516.70	5,586.39	106,373.80	102,657.80
727	96.16	1.1947	8.15	9.52	19,044.30	1,017.76	6,526.20	5,594.52	106,531.40	102,810.00
728	96.16	1.1947	8.15	9.52	19,069.43	1,019.13	6,535.71	5,602.66	106,689.20	102,962.30
729	96.16	1.1947	8.15	9.52	19,094.78	1,020.51	6,545.30	5,610.86	106,848.30	103,115.90

730	96.17	1.1947	8.15	9.52	19,119.92	1,021.88	6,554.80	5,619.00	107,006.10	103,268.10
731	96.17	1.1947	8.15	9.52	19,145.05	1,023.25	6,564.30	5,627.14	107,163.80	103,420.40
732	96.17	1.1947	8.15	9.52	19,170.18	1,024.62	6,573.81	5,635.27	107,321.60	103,572.60
733	96.17	1.1947	8.15	9.52	19,195.31	1,025.99	6,583.31	5,643.41	107,479.30	103,724.90
734	96.21	1.1948	8.16	9.52	19,220.65	1,027.36	6,592.90	5,651.62	107,638.30	103,878.50
735	96.13	1.1946	8.14	9.52	19,245.78	1,028.74	6,602.41	5,659.75	107,795.80	104,030.80
736	96.14	1.1946	8.14	9.52	19,270.91	1,030.12	6,611.91	5,667.87	107,953.30	104,183.00
737	96.20	1.1948	8.15	9.52	19,296.03	1,031.49	6,621.41	5,676.01	108,111.00	104,335.30
738	96.21	1.1948	8.15	9.52	19,321.38	1,032.87	6,631.00	5,684.22	108,270.00	104,488.90
739	96.21	1.1948	8.15	9.52	19,346.53	1,034.23	6,640.51	5,692.36	108,427.80	104,641.10
740	96.21	1.1948	8.15	9.52	19,371.67	1,035.60	6,650.01	5,700.49	108,585.40	104,793.40
741	96.21	1.1948	8.15	9.52	19,396.81	1,036.97	6,659.52	5,708.63	108,743.10	104,945.60
742	96.21	1.1948	8.15	9.52	19,421.95	1,038.34	6,669.02	5,716.77	108,900.70	105,097.90
743	96.22	1.1948	8.15	9.52	19,447.31	1,039.71	6,678.61	5,724.98	109,059.80	105,251.50
744	96.22	1.1948	8.15	9.52	19,472.45	1,041.08	6,688.11	5,733.11	109,217.50	105,403.70
745	96.22	1.1948	8.15	9.52	19,497.58	1,042.45	6,697.62	5,741.25	109,375.10	105,556.00
746	96.22	1.1948	8.15	9.52	19,522.72	1,043.82	6,707.12	5,749.39	109,532.80	105,708.20
747	96.22	1.1948	8.15	9.52	19,547.87	1,045.19	6,716.63	5,757.52	109,690.50	105,860.50
748	96.22	1.1948	8.15	9.52	19,573.25	1,046.57	6,726.22	5,765.73	109,849.70	106,014.10
749	96.22	1.1948	8.15	9.52	19,598.40	1,047.94	6,735.72	5,773.87	110,007.50	106,166.30
750	96.20	1.1947	8.15	9.52	19,623.55	1,049.31	6,745.22	5,782.00	110,165.20	106,318.60
751	96.18	1.1947	8.15	9.52	19,648.70	1,050.68	6,754.73	5,790.13	110,322.80	106,470.80
752	96.16	1.1947	8.15	9.52	19,674.08	1,052.07	6,764.32	5,798.33	110,481.70	106,624.40
753	95.96	1.1943	8.14	9.52	19,699.22	1,053.45	6,773.82	5,806.46	110,639.20	106,776.70
754	96.03	1.1944	8.14	9.52	19,724.36	1,054.83	6,783.33	5,814.58	110,796.80	106,928.90
755	96.15	1.1947	8.14	9.52	19,749.49	1,056.21	6,792.83	5,822.70	110,954.40	107,081.20
756	95.95	1.1943	8.13	9.52	19,774.61	1,057.60	6,802.33	5,830.82	111,112.00	107,233.40
757	95.95	1.1943	8.13	9.52	19,799.96	1,059.00	6,811.92	5,839.01	111,270.90	107,387.10
758	95.95	1.1943	8.14	9.52	19,825.07	1,060.38	6,821.43	5,847.13	111,428.40	107,539.30
759	95.96	1.1943	8.14	9.52	19,850.17	1,061.76	6,830.93	5,855.25	111,586.00	107,691.60
760	95.96	1.1943	8.14	9.52	19,875.25	1,063.14	6,840.44	5,863.38	111,743.80	107,843.80
761	95.96	1.1943	8.15	9.52	19,900.57	1,064.53	6,850.02	5,871.58	111,903.20	107,997.40
762	95.96	1.1943	8.15	9.52	19,925.67	1,065.90	6,859.53	5,879.71	112,061.20	108,149.70
763	95.97	1.1943	8.15	9.52	19,950.76	1,067.27	6,869.03	5,887.85	112,219.20	108,301.90
764	95.97	1.1943	8.15	9.52	19,975.86	1,068.64	6,878.54	5,895.98	112,377.20	108,454.20
765	95.97	1.1943	8.15	9.52	20,000.96	1,070.01	6,888.04	5,904.11	112,535.20	108,606.40
766	95.97	1.1943	8.15	9.52	20,026.28	1,071.39	6,897.63	5,912.32	112,694.60	108,760.00
767	95.97	1.1943	8.15	9.52	20,051.37	1,072.76	6,907.13	5,920.46	112,852.50	108,912.30
768	95.96	1.1943	8.15	9.52	20,076.45	1,074.13	6,916.64	5,928.60	113,010.40	109,064.50
769	95.92	1.1942	8.15	9.52	20,101.54	1,075.50	6,926.14	5,936.73	113,168.40	109,216.80

770	95.89	1.1942	8.15	9.52	20,126.87	1,076.88	6,935.73	5,944.93	113,327.90	109,370.40
771	95.85	1.1941	8.14	9.52	20,151.97	1,078.26	6,945.24	5,953.06	113,485.90	109,522.60
772	95.84	1.1941	8.14	9.52	20,177.06	1,079.64	6,954.74	5,961.18	113,644.00	109,674.90
773	95.85	1.1941	8.14	9.52	20,202.14	1,081.02	6,964.25	5,969.31	113,802.00	109,827.10
774	95.98	1.1943	8.15	9.52	20,227.20	1,082.39	6,973.75	5,977.44	113,959.80	109,979.40
775	96.03	1.1944	8.16	9.52	20,252.47	1,083.76	6,983.34	5,985.66	114,119.00	110,133.00
776	95.99	1.1944	8.15	9.52	20,277.53	1,085.13	6,992.84	5,993.80	114,276.90	110,285.20
777	95.87	1.1941	8.15	9.52	20,302.59	1,086.50	7,002.35	6,001.93	114,434.70	110,437.50
778	95.86	1.1941	8.15	9.52	20,327.65	1,087.87	7,011.85	6,010.07	114,592.60	110,589.70
779	95.87	1.1941	8.15	9.52	20,352.71	1,089.24	7,021.35	6,018.20	114,750.50	110,742.00
780	95.86	1.1941	8.15	9.52	20,377.99	1,090.62	7,030.94	6,026.41	114,909.70	110,895.60
781	95.82	1.1940	8.15	9.52	20,403.03	1,091.99	7,040.45	6,034.54	115,067.60	111,047.90
782	95.78	1.1940	8.15	9.52	20,428.08	1,093.37	7,049.95	6,042.67	115,225.50	111,200.10
783	95.77	1.1939	8.14	9.52	20,453.14	1,094.74	7,059.46	6,050.80	115,383.40	111,352.40
784	95.74	1.1939	8.14	9.52	20,478.42	1,096.13	7,069.05	6,059.00	115,542.80	111,506.00
785	95.74	1.1939	8.14	9.52	20,503.47	1,097.51	7,078.55	6,067.12	115,700.60	111,658.20
786	95.74	1.1939	8.15	9.52	20,528.50	1,098.88	7,088.05	6,075.26	115,858.50	111,810.50
787	95.74	1.1939	8.12	9.50	20,553.53	1,100.25	7,097.53	6,083.36	116,016.30	111,962.70
788	95.75	1.1939	8.10	9.47	20,578.56	1,101.62	7,106.98	6,091.45	116,174.00	112,115.00
789	95.75	1.1939	8.10	9.47	20,603.82	1,103.00	7,116.52	6,099.60	116,333.20	112,268.60

SURVEY No. 3

Time (days) 789.007
Incremental Time (hours) 12.821
production Rate (gpm) 4.456
Injection Rate (gpm) 4.623
Injection/Production Ratio (gal/gal) 1.038
Mass Balance 1.000

Cell No.	Cell Height (feet)	Depth (feet)	Radius (feet)	Cavity Brine (sp. gravity)	Plume Brine (sp. gravity)	Plume Flow (gpm)	Inclination (degrees)	Cell Volume (barrels)	Cumm. Volume (barrels)
105	104.5	485.5	6.68	1.1939	1.1939	86.36	92	24.98	24.98
104	103.5	486.5	6.73	1.1939	1.1938	87.50	94	25.33	50.32
103	102.5	487.5	6.84	1.1938	1.1937	90.27	96	26.18	76.50
102	101.5	488.5	6.97	1.1937	1.1936	93.59	98	27.19	103.69
101	100.5	489.5	7.12	1.1936	1.1934	97.55	99	28.40	132.09
100	99.5	490.5	7.30	1.1934	1.1932	102.12	100	29.80	161.89

99	98.5	491.5	7.49	1.1932	1.1930	107.29	101	31.37	193.26
98	97.5	492.5	7.70	1.1930	1.1928	113.07	102	33.14	226.40
97	96.5	493.5	7.92	1.1928	1.1926	119.47	103	35.09	261.49
96	95.5	494.5	8.16	1.1926	1.1926	126.52	103	37.24	298.74
95	94.5	495.5	8.41	1.1926	1.1928	134.04	104	39.54	338.27
94	93.5	496.5	8.66	1.1928	1.1928	141.93	104	41.95	380.22
93	92.5	497.5	8.91	1.1928	1.1929	150.10	104	44.44	424.66
92	91.5	498.5	9.17	1.1929	1.1929	158.68	104	47.06	471.72
91	90.5	499.5	9.43	1.1929	1.1930	167.54	104	49.76	521.48
90	89.5	500.5	9.68	1.1930	1.1930	176.42	104	52.47	573.96
89	88.5	501.5	9.94	1.1930	1.1930	185.71	104	55.31	629.26
88	87.5	502.5	10.20	1.1930	1.1929	195.31	104	58.24	687.51
87	86.5	503.5	10.47	1.1929	1.1928	205.32	104	61.30	748.80
86	85.5	504.5	10.73	1.1928	1.1925	215.54	105	64.41	813.21
85	84.5	505.5	11.02	1.1925	1.1922	218.12	106	67.90	881.12
84	83.5	506.5	11.31	1.1927	1.1922	217.71	106	71.62	952.74
83	82.5	507.5	11.61	1.1927	1.1922	217.20	106	75.45	1,028.19
82	81.5	508.5	11.90	1.1928	1.1922	216.71	105	79.25	1,107.44
81	80.5	509.5	12.18	1.1927	1.1922	216.16	105	83.02	1,190.46
80	79.5	510.5	12.45	1.1928	1.1922	215.59	105	86.78	1,277.25
79	78.5	511.5	12.72	1.1928	1.1922	214.98	104	90.58	1,367.83
78	77.5	512.5	12.99	1.1929	1.1922	214.34	104	94.38	1,462.21
77	76.5	513.5	13.25	1.1929	1.1921	213.66	104	98.21	1,560.42
76	75.5	514.5	13.51	1.1929	1.1921	212.95	104	102.13	1,662.55
75	74.5	515.5	13.77	1.1930	1.1921	212.20	104	106.09	1,768.63
74	73.5	516.5	14.03	1.1930	1.1921	211.42	104	110.11	1,878.74
73	72.5	517.5	14.29	1.1931	1.1921	210.60	104	114.20	1,992.95
72	71.5	518.5	14.54	1.1931	1.1921	209.74	103	118.28	2,111.22
71	70.5	519.5	14.78	1.1932	1.1921	208.84	103	122.22	2,233.44
70	69.5	520.5	15.02	1.1932	1.1921	207.91	103	126.23	2,359.67
69	68.5	521.5	15.26	1.1932	1.1921	206.94	103	130.34	2,490.00
68	67.5	522.5	15.51	1.1933	1.1921	205.93	103	134.63	2,624.63
67	66.5	523.5	15.75	1.1933	1.1921	204.87	102	138.72	2,763.35
66	65.5	524.5	15.96	1.1934	1.1921	203.78	101	142.52	2,905.87
65	64.5	525.5	16.17	1.1934	1.1921	202.65	102	146.23	3,052.10
64	63.5	526.5	16.39	1.1935	1.1921	201.47	102	150.31	3,202.42
63	62.5	527.5	16.60	1.1935	1.1921	200.26	102	154.25	3,356.66
62	61.5	528.5	16.82	1.1936	1.1921	199.00	102	158.30	3,514.97
61	60.5	529.5	17.04	1.1936	1.1921	197.70	101	162.38	3,677.35
60	59.5	530.5	17.24	1.1937	1.1920	196.35	101	166.31	3,843.67

59	58.5	531.5	17.45	1.1937	1.1920	194.96	102	170.47	4,014.14
58	57.5	532.5	17.67	1.1938	1.1920	193.53	102	174.63	4,188.77
57	56.5	533.5	17.88	1.1938	1.1920	192.05	102	178.91	4,367.68
56	55.5	534.5	18.09	1.1939	1.1920	190.53	101	183.18	4,550.86
55	54.5	535.5	18.29	1.1939	1.1920	188.96	101	187.27	4,738.13
54	53.5	536.5	18.50	1.1940	1.1920	187.35	101	191.41	4,929.54
53	52.5	537.5	18.69	1.1940	1.1919	185.69	100	195.44	5,124.98
52	51.5	538.5	18.88	1.1941	1.1919	183.98	100	199.41	5,324.39
51	50.5	539.5	19.05	1.1941	1.1919	182.22	99	203.08	5,527.48
50	49.5	540.5	19.21	1.1942	1.1919	180.42	98	206.46	5,733.93
49	48.5	541.5	19.36	1.1942	1.1919	178.57	98	209.81	5,943.74
48	47.5	542.5	19.52	1.1943	1.1918	176.67	98	213.10	6,156.84
47	46.5	543.5	19.66	1.1943	1.1918	174.72	98	216.36	6,373.20
46	45.5	544.5	19.81	1.1944	1.1918	172.73	97	219.50	6,592.69
45	44.5	545.5	19.94	1.1944	1.1917	170.68	97	222.53	6,815.22
44	43.5	546.5	20.07	1.1945	1.1917	168.58	97	225.46	7,040.68
43	42.5	547.5	20.20	1.1946	1.1917	166.43	96	228.24	7,268.92
42	41.5	548.5	20.31	1.1946	1.1916	164.23	96	230.82	7,499.74
41	40.5	549.5	20.42	1.1947	1.1916	161.98	96	233.24	7,732.99
40	39.5	550.5	20.52	1.1947	1.1915	159.68	95	235.67	7,968.65
39	38.5	551.5	20.63	1.1948	1.1915	157.32	95	238.05	8,206.70
38	37.5	552.5	20.73	1.1949	1.1914	154.91	95	240.44	8,447.14
37	36.5	553.5	20.82	1.1949	1.1914	152.45	95	242.64	8,689.79
36	35.5	554.5	20.92	1.1950	1.1913	149.93	95	244.98	8,934.77
35	34.5	555.5	21.03	1.1950	1.1913	147.35	95	247.37	9,182.14
34	33.5	556.5	21.12	1.1951	1.1912	144.73	95	249.62	9,431.76
33	32.5	557.5	21.22	1.1952	1.1911	142.04	95	251.92	9,683.68
32	31.5	558.5	21.33	1.1952	1.1910	139.30	96	254.49	9,938.17
31	30.5	559.5	21.45	1.1953	1.1909	136.49	96	257.33	10,195.50
30	29.5	560.5	21.57	1.1954	1.1908	133.63	97	260.38	10,455.88
29	28.5	561.5	21.71	1.1954	1.1907	130.71	97	263.72	10,719.60
28	27.5	562.5	21.85	1.1955	1.1906	127.73	98	267.21	10,986.81
27	26.5	563.5	22.01	1.1956	1.1905	124.68	99	271.07	11,257.88
26	25.5	564.5	22.18	1.1957	1.1904	121.57	99	275.21	11,533.09
25	24.5	565.5	22.35	1.1957	1.1902	118.39	100	279.58	11,812.67
24	23.5	566.5	22.54	1.1958	1.1901	115.14	100	284.29	12,096.97
23	22.5	567.5	22.74	1.1959	1.1899	111.82	101	289.32	12,386.29
22	21.5	568.5	22.95	1.1960	1.1897	108.43	102	294.66	12,680.94
21	20.5	569.5	23.17	1.1960	1.1895	104.96	102	300.31	12,981.25
20	19.5	570.5	23.40	1.1961	1.1893	101.42	103	306.32	13,287.57

Time (days)	Produced Brine (% sat.)	Produced Brine (sp. gr.)	Daily Salt Production (tons/day)	Daily Salt Dissolution (tons/day)	Cavity Volume (barrels)	Salt in Solution (tons)	Total Salt Dissolved (tons)	Total Salt Produced (tons)	Total Water Injected (barrels)	Total Brine Produced (barrels)
19	18.5	571.5	23.64	1.1962	1.1890	97.79	103	312.64	13,600.21	
18	17.5	572.5	23.89	1.1963	1.1887	94.08	104	319.31	13,919.52	
17	16.5	573.5	24.15	1.1964	1.1884	90.28	104	326.37	14,245.89	
16	15.5	574.5	24.42	1.1965	1.1880	86.39	105	333.77	14,579.67	
15	14.5	575.5	24.71	1.1966	1.1876	82.40	106	341.53	14,921.20	
14	13.5	576.5	25.00	1.1967	1.1871	78.31	106	349.65	15,270.85	
13	12.5	577.5	25.30	1.1968	1.1866	74.11	106	358.07	15,628.92	
12	11.5	578.5	25.61	1.1969	1.1860	69.79	107	366.89	15,995.80	
11	10.5	579.5	25.92	1.1970	1.1852	65.35	107	375.94	16,371.74	
10	9.5	580.5	26.24	1.1972	1.1843	60.76	107	385.19	16,756.93	
9	8.5	581.5	26.56	1.1973	1.1832	56.02	107	394.78	17,151.71	
8	7.5	582.5	26.88	1.1975	1.1818	51.12	107	404.40	17,556.11	
7	6.5	583.5	27.20	1.1976	1.1800	46.01	107	414.12	17,970.23	
6	5.5	584.5	27.51	1.1978	1.1777	40.68	106	423.48	18,393.72	
5	4.5	585.5	27.80	1.1980	1.1744	35.08	105	432.45	18,826.16	
4	3.5	586.5	28.06	1.1982	1.1695	29.12	102	440.42	19,266.58	
3	2.5	587.5	28.24	1.1984	1.1612	22.66	96	446.17	19,712.75	
2	1.5	588.5	28.30	1.1987	1.1431	15.40	87	448.03	20,160.78	
1	0.5	589.5	28.14	1.1991	1.0000	4.61	81	443.04	20,603.82	

Time (days)	Produced Brine (% sat.)	Produced Brine (sp. gr.)	Daily Salt Production (tons/day)	Daily Salt Dissolution (tons/day)	Cavity Volume (barrels)	Salt in Solution (tons)	Total Salt Dissolved (tons)	Total Salt Produced (tons)	Total Water Injected (barrels)	Total Brine Produced (barrels)
790	95.71	1.1938	5.56	9.14	20,627.93	1,106.58	7,125.65	6,105.15	116,442.60	112,372.70
791	96.00	1.1944	5.58	8.60	20,650.61	1,109.60	7,134.23	6,110.71	116,551.90	112,476.80
792	95.89	1.1942	5.58	8.20	20,672.23	1,112.21	7,142.41	6,116.29	116,660.80	112,580.90
793	95.98	1.1943	5.59	7.88	20,693.20	1,114.52	7,150.35	6,121.91	116,770.50	112,686.00
794	96.20	1.1948	5.59	7.64	20,713.33	1,116.56	7,157.97	6,127.49	116,879.10	112,790.10
795	96.20	1.1947	5.60	7.44	20,732.94	1,118.40	7,165.40	6,133.08	116,987.60	112,894.20
796	96.26	1.1949	5.60	7.28	20,752.14	1,120.07	7,172.66	6,138.67	117,096.10	112,998.40
797	96.29	1.1949	5.61	7.15	20,770.99	1,121.61	7,179.80	6,144.27	117,204.60	113,102.50
798	96.33	1.1950	5.61	7.04	20,789.74	1,123.06	7,186.89	6,149.91	117,314.10	113,207.60
799	96.33	1.1950	5.61	6.96	20,808.08	1,124.41	7,193.84	6,155.51	117,422.60	113,311.70
800	96.34	1.1950	5.61	6.89	20,826.24	1,125.68	7,200.71	6,161.11	117,531.10	113,415.80
801	96.37	1.1951	5.61	6.83	20,844.25	1,126.90	7,207.53	6,166.71	117,639.60	113,519.90
802	96.39	1.1951	5.61	6.79	20,862.29	1,128.08	7,214.36	6,172.36	117,749.10	113,625.00
803	96.40	1.1951	5.60	6.74	20,880.07	1,129.21	7,221.09	6,177.96	117,857.60	113,729.10
804	96.52	1.1954	5.62	6.71	20,897.77	1,130.31	7,227.78	6,183.56	117,966.10	113,833.20

805	96.54	1.1954	5.61	6.68	20,915.39	1,131.37	7,234.45	6,189.16	118,074.60	113,937.40
806	96.25	1.1948	5.63	6.68	20,932.96	1,132.41	7,241.11	6,194.78	118,183.10	114,041.50
807	96.24	1.1948	5.60	6.64	20,950.64	1,133.46	7,247.80	6,200.42	118,292.50	114,146.50
808	96.22	1.1948	5.59	6.62	20,968.11	1,134.49	7,254.41	6,206.00	118,401.00	114,250.70
809	96.22	1.1948	5.61	6.62	20,985.55	1,135.51	7,261.02	6,211.60	118,509.50	114,354.80
810	96.37	1.1951	5.62	6.62	21,002.97	1,136.51	7,267.63	6,217.21	118,618.00	114,458.90
811	96.49	1.1953	5.63	6.61	21,020.52	1,137.50	7,274.29	6,222.87	118,727.50	114,564.00
812	96.32	1.1950	5.58	6.57	21,037.91	1,138.48	7,280.84	6,228.45	118,836.00	114,668.10
813	96.40	1.1951	5.59	6.57	21,055.27	1,139.45	7,287.40	6,234.03	118,944.40	114,772.20
814	96.36	1.1951	5.60	6.57	21,072.61	1,140.42	7,293.95	6,239.61	119,052.90	114,876.30
815	96.33	1.1950	5.60	6.57	21,089.96	1,141.39	7,300.51	6,245.20	119,161.40	114,980.50
816	96.31	1.1950	5.60	6.57	21,107.45	1,142.36	7,307.12	6,250.84	119,270.80	115,085.50
817	96.41	1.1951	5.61	6.57	21,124.78	1,143.32	7,313.68	6,256.44	119,379.30	115,189.60
818	96.34	1.1950	5.61	6.57	21,142.12	1,144.28	7,320.23	6,262.03	119,487.80	115,293.80
819	96.49	1.1953	5.62	6.57	21,159.45	1,145.23	7,326.79	6,267.64	119,596.30	115,397.90
820	96.54	1.1954	5.62	6.57	21,176.77	1,146.17	7,333.34	6,273.25	119,704.80	115,502.00
821	96.49	1.1953	5.62	6.57	21,194.25	1,147.13	7,339.95	6,278.91	119,814.30	115,607.10
822	96.54	1.1954	5.62	6.57	21,211.57	1,148.08	7,346.51	6,284.51	119,922.80	115,711.20
823	96.48	1.1953	5.62	6.57	21,228.90	1,149.02	7,353.06	6,290.12	120,031.30	115,815.30
824	96.14	1.1946	5.60	6.57	21,246.22	1,149.99	7,359.62	6,295.71	120,139.80	115,919.50
825	96.10	1.1946	5.60	6.57	21,263.69	1,150.97	7,366.23	6,301.34	120,249.30	116,024.50
826	96.00	1.1944	5.60	6.57	21,280.99	1,151.93	7,372.79	6,306.93	120,357.80	116,128.60
827	96.01	1.1944	5.60	6.57	21,298.29	1,152.90	7,379.34	6,312.53	120,466.30	116,232.80
828	96.03	1.1944	5.61	6.57	21,315.57	1,153.85	7,385.89	6,318.12	120,574.80	116,336.90
829	96.04	1.1945	5.61	6.57	21,332.85	1,154.81	7,392.45	6,323.72	120,683.30	116,441.00
830	96.11	1.1946	5.61	6.57	21,350.25	1,155.77	7,399.06	6,329.37	120,792.70	116,546.10
831	96.11	1.1946	5.61	6.57	21,367.50	1,156.72	7,405.62	6,334.98	120,901.20	116,650.20
832	96.11	1.1946	5.61	6.57	21,384.75	1,157.67	7,412.17	6,340.58	121,009.70	116,754.30
833	96.12	1.1946	5.62	6.57	21,402.01	1,158.62	7,418.73	6,346.18	121,118.20	116,858.40
834	96.03	1.1944	5.62	6.57	21,419.42	1,159.58	7,425.34	6,351.84	121,227.70	116,963.50
835	96.27	1.1949	5.63	6.57	21,436.67	1,160.52	7,431.89	6,357.46	121,336.20	117,067.60
836	96.44	1.1952	5.63	6.57	21,453.92	1,161.46	7,438.45	6,363.07	121,444.70	117,171.70
837	96.10	1.1946	5.63	6.57	21,471.18	1,162.39	7,445.00	6,368.69	121,553.20	117,275.90
838	96.55	1.1954	5.63	6.57	21,488.45	1,163.33	7,451.56	6,374.31	121,661.70	117,380.00
839	96.22	1.1948	5.63	6.57	21,505.87	1,164.28	7,458.17	6,379.98	121,771.20	117,485.00
840	96.52	1.1954	5.63	6.57	21,523.16	1,165.22	7,464.73	6,385.59	121,879.70	117,589.20
841	96.54	1.1954	5.63	6.57	21,540.44	1,166.16	7,471.28	6,391.21	121,988.20	117,693.30
842	96.47	1.1953	5.62	6.57	21,557.73	1,167.10	7,477.83	6,396.82	122,096.70	117,797.40
843	96.43	1.1952	5.62	6.57	21,575.18	1,168.05	7,484.45	6,402.48	122,206.10	117,902.50
844	96.47	1.1953	5.62	6.57	21,592.47	1,169.00	7,491.00	6,408.09	122,314.60	118,006.60

845	96.40	1.1951	5.62	6.57	21,609.76	1,169.94	7,497.56	6,413.70	122,423.10	118,110.70
846	96.20	1.1948	5.62	6.57	21,627.06	1,170.89	7,504.11	6,419.30	122,531.60	118,214.90
847	96.55	1.1954	5.62	6.57	21,644.37	1,171.83	7,510.67	6,424.92	122,640.10	118,319.00
848	96.55	1.1954	5.63	6.57	21,661.83	1,172.78	7,517.28	6,430.58	122,749.60	118,424.00
849	96.55	1.1954	5.62	6.57	21,679.14	1,173.72	7,523.83	6,436.19	122,858.10	118,528.20
850	96.55	1.1954	5.62	6.57	21,696.46	1,174.66	7,530.39	6,441.81	122,966.60	118,632.30
851	96.56	1.1954	5.62	6.57	21,713.78	1,175.61	7,536.94	6,447.42	123,075.10	118,736.40
852	96.56	1.1954	5.62	6.57	21,731.10	1,176.55	7,543.50	6,453.03	123,183.60	118,840.50
853	96.55	1.1954	5.62	6.57	21,748.58	1,177.51	7,550.11	6,458.69	123,293.10	118,945.60
854	96.56	1.1954	5.62	6.57	21,765.90	1,178.45	7,556.67	6,464.30	123,401.60	119,049.70
855	96.55	1.1954	5.62	6.57	21,783.22	1,179.40	7,563.22	6,469.90	123,510.10	119,153.80
856	96.54	1.1954	5.62	6.57	21,800.55	1,180.35	7,569.77	6,475.51	123,618.60	119,258.00
857	96.42	1.1952	5.61	6.57	21,818.04	1,181.31	7,576.39	6,481.16	123,728.00	119,363.00
858	96.40	1.1951	5.60	6.57	21,835.36	1,182.28	7,582.94	6,486.75	123,836.50	119,467.10
859	96.45	1.1952	5.61	6.57	21,852.68	1,183.24	7,589.50	6,492.34	123,945.00	119,571.30
860	96.45	1.1952	5.62	6.57	21,869.99	1,184.19	7,596.05	6,497.95	124,053.50	119,675.40
861	96.46	1.1952	5.62	6.57	21,887.30	1,185.14	7,602.61	6,503.55	124,162.00	119,779.50
862	96.45	1.1952	5.62	6.57	21,904.76	1,186.09	7,609.22	6,509.21	124,271.50	119,884.60
863	96.46	1.1952	5.62	6.57	21,922.07	1,187.04	7,615.77	6,514.81	124,380.00	119,988.70
864	96.44	1.1952	5.62	6.57	21,939.38	1,187.99	7,622.33	6,520.42	124,488.50	120,092.80
865	96.47	1.1953	5.62	6.57	21,956.69	1,188.94	7,628.88	6,526.02	124,597.00	120,196.90
866	96.45	1.1952	5.62	6.57	21,974.17	1,189.90	7,635.50	6,531.68	124,706.40	120,302.00
867	96.46	1.1952	5.62	6.57	21,991.49	1,190.85	7,642.05	6,537.29	124,814.90	120,406.10
868	96.46	1.1952	5.62	6.57	22,008.81	1,191.80	7,648.61	6,542.89	124,923.40	120,510.20
869	96.44	1.1952	5.62	6.57	22,026.12	1,192.75	7,655.16	6,548.50	125,031.90	120,614.40
870	96.44	1.1952	5.62	6.57	22,043.44	1,193.70	7,661.72	6,554.10	125,140.40	120,718.50
871	96.46	1.1952	5.62	6.57	22,060.90	1,194.65	7,668.33	6,559.76	125,249.90	120,823.60
872	96.44	1.1952	5.62	6.57	22,078.22	1,195.60	7,674.88	6,565.36	125,358.40	120,927.70
873	96.44	1.1952	5.62	6.57	22,095.54	1,196.55	7,681.44	6,570.97	125,466.90	121,031.80
874	96.46	1.1953	5.62	6.57	22,112.85	1,197.50	7,687.99	6,576.57	125,575.40	121,135.90
875	96.46	1.1952	5.62	6.57	22,130.33	1,198.46	7,694.61	6,582.23	125,684.90	121,241.00
876	96.45	1.1952	5.62	6.57	22,147.64	1,199.41	7,701.16	6,587.83	125,793.40	121,345.10
877	96.45	1.1952	5.62	6.57	22,164.96	1,200.36	7,707.71	6,593.44	125,901.90	121,449.20
878	96.45	1.1952	5.62	6.57	22,182.27	1,201.31	7,714.27	6,599.04	126,010.40	121,553.40
879	96.46	1.1952	5.62	6.57	22,199.59	1,202.26	7,720.82	6,604.65	126,118.90	121,657.50
880	96.47	1.1953	5.62	6.57	22,217.06	1,203.22	7,727.44	6,610.30	126,228.40	121,762.50
881	96.32	1.1950	5.61	6.57	22,234.36	1,204.17	7,733.99	6,615.91	126,336.90	121,866.70
882	96.39	1.1951	5.61	6.57	22,251.67	1,205.13	7,740.55	6,621.50	126,445.30	121,970.80
883	96.38	1.1951	5.61	6.57	22,268.96	1,206.08	7,747.10	6,627.10	126,553.80	122,074.90
884	96.40	1.1951	5.62	6.57	22,286.41	1,207.04	7,753.71	6,632.76	126,663.30	122,180.00

885	96.39	1.1951	5.62	6.57	22,303.70	1,207.99	7,760.27	6,638.36	126,771.80	122,284.10
886	96.38	1.1951	5.62	6.57	22,321.00	1,208.94	7,766.82	6,643.97	126,880.30	122,388.20
887	96.40	1.1951	5.62	6.57	22,338.30	1,209.89	7,773.38	6,649.57	126,988.80	122,492.30
888	96.39	1.1951	5.62	6.57	22,355.60	1,210.84	7,779.93	6,655.18	127,097.30	122,596.50
889	96.37	1.1951	5.62	6.57	22,373.05	1,211.80	7,786.55	6,660.83	127,206.80	122,701.50
890	96.40	1.1951	5.62	6.57	22,390.35	1,212.75	7,793.10	6,666.44	127,315.30	122,805.60
891	96.34	1.1950	5.62	6.57	22,407.65	1,213.69	7,799.65	6,672.04	127,423.80	122,909.80
892	96.34	1.1950	5.62	6.57	22,424.96	1,214.64	7,806.21	6,677.65	127,532.30	123,013.90
893	96.39	1.1951	5.62	6.57	22,442.26	1,215.59	7,812.76	6,683.25	127,640.80	123,118.00
894	96.38	1.1951	5.62	6.57	22,459.71	1,216.55	7,819.38	6,688.91	127,750.20	123,223.10
895	96.36	1.1951	5.62	6.57	22,477.01	1,217.50	7,825.93	6,694.52	127,858.80	123,327.20
896	96.35	1.1950	5.62	6.57	22,494.31	1,218.45	7,832.49	6,700.12	127,967.20	123,431.30
897	96.38	1.1951	5.62	6.57	22,511.61	1,219.39	7,839.04	6,705.73	128,075.80	123,535.50
898	96.35	1.1950	5.62	6.57	22,529.06	1,220.35	7,845.65	6,711.39	128,185.20	123,640.50
899	96.38	1.1951	5.62	6.57	22,546.35	1,221.30	7,852.21	6,716.99	128,293.70	123,744.60
900	96.39	1.1951	5.62	6.57	22,563.64	1,222.25	7,858.76	6,722.60	128,402.20	123,848.80
901	96.34	1.1950	5.62	6.57	22,580.94	1,223.19	7,865.32	6,728.21	128,510.70	123,952.90
902	96.37	1.1951	5.62	6.57	22,598.23	1,224.14	7,871.87	6,733.81	128,619.20	124,057.00
903	96.34	1.1950	5.62	6.57	22,615.67	1,225.10	7,878.49	6,739.47	128,728.70	124,162.10
904	96.36	1.1951	5.62	6.57	22,632.95	1,226.05	7,885.04	6,745.08	128,837.20	124,266.20
905	96.22	1.1948	5.61	6.57	22,650.23	1,227.00	7,891.60	6,750.68	128,945.70	124,370.30
906	96.35	1.1950	5.61	6.57	22,667.51	1,227.95	7,898.15	6,756.28	129,054.20	124,474.40
907	96.31	1.1950	5.62	6.57	22,684.95	1,228.91	7,904.76	6,761.93	129,163.70	124,579.50
908	96.34	1.1950	5.62	6.57	22,702.22	1,229.86	7,911.32	6,767.54	129,272.20	124,683.60
909	96.28	1.1949	5.62	6.57	22,719.50	1,230.81	7,917.87	6,773.15	129,380.70	124,787.70
910	96.32	1.1950	5.62	6.57	22,736.77	1,231.76	7,924.43	6,778.75	129,489.20	124,891.90
911	96.35	1.1950	5.62	6.57	22,754.04	1,232.71	7,930.98	6,784.36	129,597.70	124,996.00
912	96.32	1.1950	5.62	6.57	22,771.48	1,233.66	7,937.59	6,790.02	129,707.10	125,101.00
913	96.35	1.1950	5.62	6.57	22,788.76	1,234.61	7,944.15	6,795.62	129,815.60	125,205.20
914	96.28	1.1949	5.62	6.57	22,806.04	1,235.56	7,950.70	6,801.23	129,924.10	125,309.30
915	96.32	1.1950	5.62	6.57	22,823.33	1,236.50	7,957.26	6,806.84	130,032.60	125,413.40
916	96.27	1.1949	5.62	6.57	22,840.77	1,237.46	7,963.87	6,812.49	130,142.10	125,518.50
917	96.30	1.1949	5.62	6.57	22,858.05	1,238.41	7,970.43	6,818.10	130,250.60	125,622.60
918	96.34	1.1950	5.62	6.57	22,875.34	1,239.35	7,976.98	6,823.71	130,359.10	125,726.70
919	96.27	1.1949	5.62	6.57	22,892.62	1,240.30	7,983.54	6,829.32	130,467.60	125,830.90
920	96.30	1.1949	5.62	6.57	22,909.90	1,241.25	7,990.09	6,834.92	130,576.10	125,935.00
921	96.28	1.1949	5.62	6.57	22,927.34	1,242.20	7,996.70	6,840.58	130,685.60	126,040.00
922	96.30	1.1949	5.62	6.57	22,944.62	1,243.15	8,003.26	6,846.19	130,794.10	126,144.20
923	96.34	1.1950	5.62	6.57	22,961.90	1,244.10	8,009.81	6,851.80	130,902.60	126,248.30
924	96.28	1.1949	5.62	6.57	22,979.19	1,245.05	8,016.37	6,857.40	131,011.10	126,352.40

925	96.31	1.1950	5.62	6.57	22,996.48	1,245.99	8,022.92	6,863.01	131,119.60	126,456.50
926	96.28	1.1949	5.62	6.57	23,013.93	1,246.95	8,029.54	6,868.67	131,229.00	126,561.60
927	96.31	1.1950	5.62	6.57	23,031.22	1,247.90	8,036.09	6,874.28	131,337.50	126,665.70
928	96.26	1.1949	5.61	6.57	23,048.52	1,248.85	8,042.64	6,879.88	131,446.00	126,769.80
929	96.28	1.1949	5.62	6.57	23,065.82	1,249.80	8,049.20	6,885.49	131,554.50	126,874.00
930	96.34	1.1950	5.62	6.57	23,083.27	1,250.75	8,055.81	6,891.14	131,664.00	126,979.00
931	96.28	1.1949	5.62	6.57	23,100.56	1,251.70	8,062.37	6,896.75	131,772.50	127,083.10
932	96.31	1.1950	5.62	6.57	23,117.86	1,252.65	8,068.92	6,902.36	131,881.00	127,187.30
933	96.34	1.1950	5.62	6.57	23,135.16	1,253.59	8,075.48	6,907.96	131,989.50	127,291.40
934	96.29	1.1949	5.62	6.57	23,152.45	1,254.54	8,082.03	6,913.57	132,098.00	127,395.50
935	96.35	1.1950	5.62	6.57	23,169.89	1,255.50	8,088.64	6,919.23	132,207.50	127,500.60
936	96.29	1.1949	5.62	6.57	23,187.16	1,256.45	8,095.20	6,924.83	132,316.00	127,604.70
937	96.32	1.1950	5.62	6.57	23,204.44	1,257.39	8,101.75	6,930.44	132,424.50	127,708.80
938	96.33	1.1950	5.62	6.57	23,221.73	1,258.34	8,108.31	6,936.05	132,533.00	127,812.90
939	96.30	1.1949	5.62	6.57	23,239.16	1,259.30	8,114.92	6,941.71	132,642.40	127,918.00
940	96.34	1.1950	5.62	6.57	23,256.44	1,260.25	8,121.48	6,947.31	132,750.90	128,022.10
941	96.29	1.1949	5.62	6.57	23,273.72	1,261.19	8,128.03	6,952.92	132,859.40	128,126.20
942	96.31	1.1950	5.62	6.57	23,291.00	1,262.14	8,134.58	6,958.53	132,967.90	128,230.40
943	96.34	1.1950	5.62	6.57	23,308.28	1,263.09	8,141.14	6,964.13	133,076.40	128,334.50
944	96.31	1.1950	5.62	6.57	23,325.71	1,264.04	8,147.75	6,969.79	133,185.90	128,439.60
945	96.34	1.1950	5.62	6.57	23,343.00	1,264.99	8,154.31	6,975.40	133,294.40	128,543.70
946	96.29	1.1949	5.62	6.57	23,360.30	1,265.94	8,160.86	6,981.01	133,402.90	128,647.80
947	96.31	1.1950	5.62	6.57	23,377.60	1,266.88	8,167.42	6,986.61	133,511.40	128,751.90
948	96.30	1.1949	5.62	6.57	23,395.06	1,267.84	8,174.03	6,992.27	133,620.90	128,857.00
949	96.32	1.1950	5.62	6.57	23,412.36	1,268.79	8,180.58	6,997.88	133,729.40	128,961.10
950	96.34	1.1950	5.62	6.57	23,429.66	1,269.74	8,187.14	7,003.48	133,837.90	129,065.20
951	96.30	1.1949	5.61	6.57	23,446.96	1,270.69	8,193.69	7,009.09	133,946.40	129,169.40
952	96.25	1.1948	5.61	6.57	23,464.26	1,271.64	8,200.25	7,014.69	134,054.90	129,273.50
953	96.30	1.1949	5.61	6.57	23,481.71	1,272.60	8,206.86	7,020.34	134,164.30	129,378.50
954	96.25	1.1948	5.61	6.57	23,499.00	1,273.55	8,213.42	7,025.95	134,272.80	129,482.70
955	96.21	1.1948	5.62	6.57	23,516.29	1,274.50	8,219.97	7,031.55	134,381.30	129,586.80
956	96.30	1.1949	5.62	6.57	23,533.58	1,275.45	8,226.52	7,037.16	134,489.80	129,690.90
957	96.21	1.1948	5.62	6.57	23,551.03	1,276.41	8,233.14	7,042.81	134,599.30	129,796.00
958	96.31	1.1950	5.62	6.57	23,568.34	1,277.35	8,239.69	7,048.42	134,707.80	129,900.10
959	96.26	1.1949	5.62	6.57	23,585.64	1,278.30	8,246.25	7,054.03	134,816.30	130,004.20
960	96.22	1.1948	5.62	6.57	23,602.94	1,279.25	8,252.80	7,059.63	134,924.80	130,108.30
961	96.31	1.1950	5.62	6.57	23,620.23	1,280.20	8,259.36	7,065.24	135,033.30	130,212.50
962	96.22	1.1948	5.62	6.57	23,637.68	1,281.15	8,265.97	7,070.90	135,142.80	130,317.50
963	96.31	1.1950	5.62	6.57	23,654.96	1,282.10	8,272.52	7,076.50	135,251.30	130,421.60
964	96.26	1.1949	5.62	6.57	23,672.26	1,283.05	8,279.08	7,082.11	135,359.80	130,525.80

965	96.22	1.1948	5.62	6.57	23,689.54	1,284.00	8,285.63	7,087.72	135,468.30	130,629.90
966	96.32	1.1950	5.62	6.57	23,706.83	1,284.94	8,292.19	7,093.33	135,576.80	130,734.00
967	96.23	1.1948	5.62	6.57	23,724.25	1,285.90	8,298.80	7,098.98	135,686.20	130,839.10
968	96.32	1.1950	5.62	6.57	23,741.53	1,286.85	8,305.36	7,104.59	135,794.80	130,943.20
969	96.27	1.1949	5.62	6.57	23,758.80	1,287.79	8,311.91	7,110.20	135,903.20	131,047.30
970	96.23	1.1948	5.62	6.57	23,776.08	1,288.74	8,318.46	7,115.81	136,011.80	131,152.10
971	96.27	1.1949	5.62	6.57	23,793.50	1,289.70	8,325.08	7,121.47	136,121.20	131,258.10
972	96.16	1.1947	5.62	6.57	23,810.78	1,290.64	8,331.63	7,127.07	136,229.70	131,363.10
973	96.28	1.1949	5.62	6.57	23,828.07	1,291.59	8,338.19	7,132.68	136,338.20	131,468.10
974	96.24	1.1948	5.62	6.57	23,845.35	1,292.54	8,344.74	7,138.29	136,446.70	131,573.10
975	96.33	1.1950	5.62	6.57	23,862.65	1,293.48	8,351.30	7,143.90	136,555.20	131,678.10
976	96.24	1.1948	5.62	6.57	23,880.10	1,294.44	8,357.91	7,149.55	136,664.70	131,784.00
977	96.33	1.1950	5.62	6.57	23,897.39	1,295.38	8,364.46	7,155.16	136,773.20	131,889.00
978	96.28	1.1949	5.62	6.57	23,914.69	1,296.33	8,371.02	7,160.77	136,881.70	131,994.00
979	96.25	1.1948	5.62	6.57	23,931.99	1,297.28	8,377.57	7,166.38	136,990.20	132,099.00
980	96.29	1.1949	5.62	6.57	23,949.44	1,298.24	8,384.19	7,172.03	137,099.70	132,204.90
981	96.25	1.1949	5.62	6.57	23,966.72	1,299.18	8,390.74	7,177.64	137,208.20	132,309.90
982	96.34	1.1950	5.62	6.57	23,984.01	1,300.13	8,397.30	7,183.25	137,316.70	132,414.90
983	96.29	1.1949	5.62	6.57	24,001.29	1,301.08	8,403.85	7,188.85	137,425.20	132,519.90
984	96.26	1.1949	5.62	6.57	24,018.56	1,302.02	8,410.41	7,194.46	137,533.70	132,624.90
985	96.29	1.1949	5.62	6.57	24,035.99	1,302.98	8,417.02	7,200.12	137,643.10	132,730.90
986	96.26	1.1949	5.62	6.57	24,053.26	1,303.93	8,423.57	7,205.73	137,751.60	132,835.90
987	96.35	1.1950	5.62	6.57	24,070.53	1,304.87	8,430.13	7,211.34	137,860.10	132,940.90
988	96.30	1.1949	5.62	6.57	24,087.80	1,305.82	8,436.68	7,216.94	137,968.60	133,045.90
989	96.35	1.1950	5.62	6.57	24,105.22	1,306.78	8,443.29	7,222.60	138,078.10	133,151.80
990	96.30	1.1949	5.62	6.57	24,122.48	1,307.72	8,449.85	7,228.21	138,186.60	133,256.80
991	96.34	1.1950	5.62	6.57	24,139.76	1,308.67	8,456.40	7,233.82	138,295.10	133,361.80
992	96.27	1.1949	5.62	6.57	24,157.04	1,309.62	8,462.96	7,239.43	138,403.60	133,466.80
993	96.36	1.1951	5.62	6.57	24,174.31	1,310.56	8,469.51	7,245.03	138,512.10	133,571.80
994	96.28	1.1949	5.62	6.57	24,191.73	1,311.52	8,476.13	7,250.69	138,621.60	133,677.80
995	96.36	1.1951	5.62	6.57	24,209.00	1,312.46	8,482.68	7,256.30	138,730.10	133,782.80
996	96.31	1.1950	5.62	6.57	24,226.27	1,313.41	8,489.24	7,261.91	138,838.60	133,887.80
997	96.28	1.1949	5.62	6.57	24,243.53	1,314.35	8,495.79	7,267.52	138,947.10	133,992.80
998	96.36	1.1951	5.62	6.57	24,260.80	1,315.30	8,502.35	7,273.13	139,055.60	134,097.80
999	96.28	1.1949	5.62	6.57	24,278.21	1,316.26	8,508.96	7,278.79	139,165.00	134,203.70
1000	96.37	1.1951	5.62	6.57	24,295.48	1,317.20	8,515.51	7,284.39	139,273.50	134,308.70
1001	96.32	1.1950	5.62	6.57	24,312.75	1,318.15	8,522.07	7,290.00	139,382.00	134,413.70
1002	96.29	1.1949	5.62	6.57	24,330.03	1,319.09	8,528.62	7,295.61	139,490.50	134,518.70
1003	96.32	1.1950	5.62	6.57	24,347.47	1,320.05	8,535.24	7,301.27	139,600.00	134,624.60
1004	96.29	1.1949	5.62	6.57	24,364.76	1,320.99	8,541.79	7,306.88	139,708.50	134,729.60

1005	96.37	1.1951	5.62	6.57	24,382.04	1,321.94	8,548.34	7,312.49	139,817.00	134,834.60
1006	96.33	1.1950	5.62	6.57	24,399.32	1,322.89	8,554.90	7,318.09	139,925.50	134,939.60
1007	96.29	1.1949	5.62	6.57	24,416.60	1,323.83	8,561.45	7,323.70	140,034.00	135,044.60
1008	96.33	1.1950	5.62	6.57	24,434.03	1,324.79	8,568.07	7,329.36	140,143.50	135,150.60
1009	96.37	1.1951	5.62	6.57	24,451.30	1,325.74	8,574.62	7,334.97	140,252.00	135,255.60
1010	96.27	1.1949	5.62	6.57	24,468.59	1,326.68	8,581.18	7,340.57	140,360.50	135,360.60
1011	96.39	1.1951	5.62	6.57	24,485.88	1,327.63	8,587.73	7,346.18	140,469.00	135,465.60
1012	96.32	1.1950	5.62	6.57	24,503.32	1,328.59	8,594.34	7,351.84	140,578.40	135,571.50
1013	96.39	1.1951	5.62	6.57	24,520.61	1,329.53	8,600.90	7,357.45	140,686.90	135,676.50
1014	96.35	1.1950	5.62	6.57	24,537.90	1,330.48	8,607.45	7,363.06	140,795.40	135,781.50
1015	96.32	1.1950	5.62	6.57	24,555.19	1,331.43	8,614.01	7,368.67	140,903.90	135,886.50
1016	96.39	1.1951	5.62	6.57	24,572.48	1,332.37	8,620.56	7,374.27	141,012.40	135,991.50
1017	96.33	1.1950	5.62	6.57	24,589.92	1,333.33	8,627.18	7,379.93	141,121.90	136,097.40
1018	96.40	1.1951	5.62	6.57	24,607.21	1,334.27	8,633.73	7,385.54	141,230.40	136,202.40
1019	96.35	1.1950	5.62	6.57	24,624.50	1,335.22	8,640.29	7,391.15	141,338.90	136,307.40
1020	96.33	1.1950	5.62	6.57	24,641.79	1,336.17	8,646.84	7,396.75	141,447.40	136,412.40
1021	96.35	1.1950	5.62	6.57	24,659.24	1,337.12	8,653.45	7,402.41	141,556.90	136,518.40
1022	96.33	1.1950	5.62	6.57	24,676.55	1,338.07	8,660.01	7,408.02	141,665.40	136,623.40
1023	96.40	1.1951	5.62	6.57	24,693.86	1,339.02	8,666.56	7,413.62	141,773.90	136,728.40
1024	96.36	1.1951	5.62	6.57	24,711.16	1,339.97	8,673.12	7,419.23	141,882.40	136,833.40
1025	96.34	1.1950	5.62	6.57	24,728.47	1,340.92	8,679.67	7,424.84	141,990.90	136,938.40
1026	96.30	1.1949	5.62	6.57	24,745.93	1,341.87	8,686.28	7,430.49	142,100.30	137,044.30
1027	96.34	1.1950	5.62	6.57	24,763.24	1,342.82	8,692.84	7,436.10	142,208.80	137,149.30
1028	96.35	1.1950	5.62	6.57	24,780.54	1,343.77	8,699.39	7,441.71	142,317.30	137,254.30
1029	96.41	1.1951	5.62	6.57	24,797.84	1,344.72	8,705.95	7,447.31	142,425.80	137,359.30
1030	96.35	1.1950	5.62	6.57	24,815.29	1,345.67	8,712.56	7,452.97	142,535.30	137,465.20
1031	96.41	1.1952	5.62	6.57	24,832.60	1,346.62	8,719.12	7,458.58	142,643.80	137,570.20
1032	96.37	1.1951	5.62	6.57	24,849.89	1,347.57	8,725.67	7,464.18	142,752.30	137,675.20
1033	96.35	1.1950	5.62	6.57	24,867.18	1,348.52	8,732.23	7,469.79	142,860.80	137,780.20
1034	96.41	1.1952	5.62	6.57	24,884.48	1,349.47	8,738.78	7,475.40	142,969.30	137,885.20
1035	96.35	1.1950	5.62	6.57	24,901.94	1,350.42	8,745.39	7,481.05	143,078.80	137,991.20
1036	96.42	1.1952	5.62	6.57	24,919.25	1,351.37	8,751.95	7,486.66	143,187.30	138,096.20
1037	96.38	1.1951	5.62	6.57	24,936.56	1,352.32	8,758.50	7,492.27	143,295.80	138,201.20
1038	96.36	1.1951	5.62	6.57	24,953.87	1,353.27	8,765.06	7,497.87	143,404.30	138,306.20
1039	96.42	1.1952	5.62	6.57	24,971.17	1,354.21	8,771.61	7,503.48	143,512.80	138,411.20
1040	96.36	1.1951	5.62	6.57	24,988.61	1,355.17	8,778.22	7,509.14	143,622.20	138,517.10
1041	96.32	1.1950	5.62	6.57	25,005.91	1,356.12	8,784.78	7,514.74	143,730.80	138,622.10
1042	96.36	1.1951	5.62	6.57	25,023.21	1,357.07	8,791.33	7,520.35	143,839.20	138,727.10
1043	96.38	1.1951	5.62	6.57	25,040.51	1,358.02	8,797.89	7,525.95	143,947.80	138,832.10
1044	96.40	1.1951	5.62	6.57	25,057.96	1,358.97	8,804.50	7,531.61	144,057.20	138,938.10

1045	96.38	1.1951	5.62	6.57	25,075.26	1,359.92	8,811.06	7,537.22	144,165.70	139,043.10
1046	96.43	1.1952	5.62	6.57	25,092.56	1,360.87	8,817.61	7,542.83	144,274.20	139,148.10
1047	96.40	1.1951	5.62	6.57	25,109.88	1,361.81	8,824.17	7,548.43	144,382.70	139,253.10
1048	96.38	1.1951	5.62	6.57	25,127.19	1,362.76	8,830.72	7,554.04	144,491.20	139,358.10
1049	96.40	1.1951	5.62	6.57	25,144.66	1,363.72	8,837.33	7,559.70	144,600.70	139,464.00
1050	96.38	1.1951	5.62	6.57	25,161.98	1,364.67	8,843.89	7,565.30	144,709.20	139,569.00
1051	96.43	1.1952	5.62	6.57	25,179.29	1,365.62	8,850.44	7,570.91	144,817.70	139,674.00
1052	96.40	1.1951	5.62	6.57	25,196.60	1,366.57	8,857.00	7,576.51	144,926.20	139,779.00
1053	96.44	1.1952	5.62	6.57	25,214.08	1,367.52	8,863.61	7,582.17	145,035.70	139,884.90
1054	96.41	1.1952	5.62	6.57	25,231.39	1,368.47	8,870.17	7,587.78	145,144.20	139,989.90
1055	96.41	1.1951	5.62	6.57	25,248.70	1,369.42	8,876.72	7,593.38	145,252.70	140,094.90
1056	96.33	1.1950	5.61	6.57	25,266.01	1,370.37	8,883.27	7,598.98	145,361.20	140,199.90
1057	96.33	1.1950	5.61	6.57	25,283.34	1,371.33	8,889.83	7,604.58	145,469.70	140,304.90
1058	96.33	1.1950	5.61	6.57	25,300.83	1,372.29	8,896.44	7,610.23	145,579.10	140,410.90
1059	96.34	1.1950	5.61	6.57	25,318.21	1,373.25	8,903.00	7,615.83	145,687.60	140,515.90
1060	96.34	1.1950	5.61	6.57	25,335.63	1,374.21	8,909.55	7,621.43	145,796.30	140,620.90
1061	96.34	1.1950	5.58	6.53	25,352.92	1,375.16	8,916.06	7,626.99	145,904.20	140,724.90
1062	96.34	1.1950	5.64	6.59	25,370.24	1,376.11	8,922.67	7,632.64	146,013.10	140,829.00
1063	96.34	1.1950	5.64	6.59	25,387.59	1,377.06	8,929.27	7,638.29	146,122.30	140,934.40
1064	96.34	1.1950	5.63	6.59	25,404.84	1,378.01	8,935.82	7,643.89	146,230.60	141,039.20
1065	96.34	1.1950	5.63	6.58	25,422.34	1,378.96	8,942.44	7,649.55	146,340.20	141,145.30
1066	96.34	1.1950	5.62	6.57	25,439.66	1,379.91	8,948.99	7,655.16	146,448.70	141,250.30
1067	96.34	1.1950	5.61	6.57	25,457.03	1,380.87	8,955.55	7,660.76	146,557.20	141,355.30
1068	96.35	1.1950	5.61	6.57	25,474.42	1,381.82	8,962.10	7,666.36	146,665.70	141,460.30
1069	96.35	1.1950	5.61	6.57	25,491.98	1,382.79	8,968.71	7,672.01	146,775.30	141,566.20
1070	96.35	1.1950	5.59	6.54	25,509.29	1,383.74	8,975.26	7,677.60	146,883.80	141,670.30
1071	96.35	1.1950	5.64	6.59	25,526.50	1,384.68	8,981.80	7,683.21	146,992.00	141,774.30
1072	96.35	1.1950	5.64	6.59	25,543.91	1,385.63	8,988.41	7,688.86	147,101.30	141,880.10
1073	96.35	1.1950	5.61	6.57	25,561.23	1,386.58	8,994.95	7,694.45	147,209.60	141,984.90
1074	96.35	1.1950	5.55	6.50	25,578.60	1,387.54	9,001.50	7,700.04	147,318.10	142,089.80
1075	96.35	1.1950	5.55	6.50	25,595.87	1,388.48	9,007.98	7,705.58	147,426.30	142,193.70
1076	96.35	1.1950	5.64	6.59	25,613.18	1,389.43	9,014.56	7,711.21	147,535.30	142,297.60
1077	96.35	1.1950	5.65	6.61	25,630.55	1,390.38	9,021.15	7,716.85	147,644.30	142,403.10
1078	96.36	1.1950	5.61	6.56	25,647.98	1,391.34	9,027.74	7,722.49	147,753.30	142,508.70
1079	96.36	1.1950	5.57	6.52	25,665.16	1,392.28	9,034.21	7,728.02	147,860.60	142,612.30
1080	96.36	1.1951	5.64	6.59	25,682.55	1,393.23	9,040.81	7,733.66	147,970.00	142,716.90
1081	96.36	1.1951	5.67	6.62	25,699.97	1,394.19	9,047.45	7,739.35	148,079.60	142,822.00
1082	96.36	1.1951	5.65	6.60	25,717.28	1,395.14	9,054.03	7,744.97	148,188.30	142,927.30
1083	96.36	1.1951	5.59	6.54	25,734.65	1,396.09	9,060.60	7,750.59	148,297.00	143,032.60
1084	96.36	1.1951	5.59	6.54	25,751.90	1,397.04	9,067.12	7,756.16	148,404.60	143,137.00

1085	96.36	1.1951	5.59	6.54	25,769.36	1,397.99	9,073.69	7,761.78	148,513.80	143,242.30
1086	96.36	1.1951	5.68	6.63	25,786.71	1,398.94	9,080.30	7,767.44	148,623.10	143,346.60
1087	96.36	1.1951	5.61	6.56	25,803.94	1,399.89	9,086.85	7,773.05	148,731.40	143,451.60
1088	96.37	1.1951	5.61	6.56	25,821.26	1,400.84	9,093.41	7,778.65	148,839.70	143,556.60
1089	96.37	1.1951	5.62	6.57	25,838.58	1,401.78	9,099.97	7,784.27	148,948.20	143,661.60
1090	96.37	1.1951	5.61	6.57	25,855.96	1,402.73	9,106.52	7,789.87	149,056.70	143,766.60
1091	96.37	1.1951	5.61	6.57	25,873.52	1,403.70	9,113.14	7,795.52	149,166.30	143,872.60
1092	96.37	1.1951	5.63	6.58	25,890.86	1,404.65	9,119.72	7,801.16	149,275.40	143,977.30
1093	96.37	1.1951	5.64	6.59	25,908.12	1,405.59	9,126.27	7,806.76	149,383.60	144,082.10
1094	96.37	1.1951	5.62	6.58	25,925.62	1,406.55	9,132.87	7,812.40	149,492.90	144,187.90
1095	96.37	1.1951	5.55	6.50	25,942.87	1,407.50	9,139.36	7,817.94	149,600.50	144,291.80
1096	96.37	1.1951	5.62	6.57	25,960.16	1,408.45	9,145.91	7,823.55	149,709.20	144,395.70
1097	96.37	1.1951	5.65	6.61	25,977.67	1,409.41	9,152.57	7,829.24	149,819.20	144,501.80
1098	96.37	1.1951	5.65	6.61	25,995.07	1,410.36	9,159.16	7,834.88	149,928.20	144,607.40
1099	96.38	1.1951	5.58	6.53	26,012.35	1,411.31	9,165.69	7,840.46	150,036.20	144,712.00
1100	96.38	1.1951	5.57	6.52	26,029.67	1,412.26	9,172.22	7,846.04	150,144.20	144,816.70
1101	96.38	1.1951	5.62	6.57	26,046.89	1,413.20	9,178.74	7,851.62	150,252.20	144,920.30
1102	96.38	1.1951	5.67	6.62	26,064.33	1,414.16	9,185.38	7,857.31	150,361.90	145,025.90
1103	96.38	1.1951	5.62	6.57	26,081.66	1,415.11	9,191.96	7,862.93	150,470.60	145,131.20
1104	96.38	1.1951	5.59	6.54	26,099.04	1,416.06	9,198.53	7,868.55	150,579.40	145,236.50
1105	96.38	1.1951	5.59	6.54	26,116.34	1,417.01	9,205.04	7,874.12	150,687.60	145,340.90
1106	96.38	1.1951	5.64	6.59	26,133.68	1,417.96	9,211.63	7,879.76	150,796.60	145,445.20
1107	96.38	1.1951	5.61	6.56	26,150.92	1,418.90	9,218.19	7,885.37	150,904.90	145,549.90
1108	96.38	1.1951	5.61	6.56	26,168.21	1,419.85	9,224.74	7,890.97	151,013.20	145,654.90
1109	96.39	1.1951	5.60	6.56	26,185.55	1,420.80	9,231.30	7,896.58	151,121.50	145,759.90
1110	96.39	1.1951	5.60	6.56	26,202.95	1,421.76	9,237.85	7,902.18	151,230.70	145,864.90
1111	96.39	1.1951	5.62	6.57	26,220.28	1,422.71	9,244.43	7,907.81	151,339.50	145,969.50
1112	96.39	1.1951	5.62	6.57	26,237.68	1,423.66	9,251.03	7,913.45	151,448.40	146,075.10
1113	96.39	1.1951	5.62	6.57	26,254.99	1,424.61	9,257.56	7,919.03	151,556.60	146,179.70
1114	96.39	1.1951	5.60	6.54	26,272.36	1,425.56	9,264.13	7,924.66	151,665.60	146,284.30
1115	96.39	1.1951	5.64	6.59	26,289.62	1,426.50	9,270.70	7,930.28	151,774.00	146,388.60
1116	96.39	1.1951	5.64	6.59	26,307.15	1,427.46	9,277.33	7,935.95	151,883.50	146,494.90
1117	96.39	1.1951	5.61	6.56	26,324.38	1,428.41	9,283.83	7,941.51	151,991.20	146,599.00
1118	96.39	1.1951	5.60	6.55	26,341.85	1,429.37	9,290.44	7,947.16	152,101.00	146,704.20
1119	96.39	1.1951	5.66	6.61	26,359.21	1,430.32	9,297.04	7,952.81	152,209.90	146,809.00
1120	96.39	1.1951	5.62	6.58	26,376.46	1,431.26	9,303.58	7,958.40	152,317.70	146,913.70
1121	96.40	1.1951	5.58	6.53	26,393.77	1,432.21	9,310.11	7,963.98	152,425.90	147,018.40
1122	96.40	1.1951	5.61	6.57	26,411.14	1,433.16	9,316.68	7,969.60	152,535.10	147,123.10
1123	96.40	1.1951	5.65	6.60	26,428.60	1,434.12	9,323.32	7,975.28	152,644.50	147,229.20
1124	96.40	1.1951	5.60	6.55	26,445.75	1,435.06	9,329.82	7,980.84	152,751.70	147,333.30

1125	96.40	1.1951	5.60	6.55	26,463.12	1,436.01	9,336.38	7,986.45	152,860.00	147,438.50
1126	96.40	1.1951	5.59	6.55	26,480.53	1,436.97	9,342.95	7,992.07	152,968.60	147,543.70
1127	96.40	1.1951	5.66	6.62	26,497.83	1,437.91	9,349.52	7,997.69	153,077.20	147,647.80
1128	96.40	1.1951	5.64	6.59	26,515.16	1,438.87	9,356.12	8,003.33	153,185.90	147,752.20
1129	96.40	1.1951	5.62	6.56	26,532.56	1,439.82	9,362.71	8,008.98	153,294.70	147,857.80
1130	96.40	1.1951	5.61	6.56	26,549.85	1,440.77	9,369.24	8,014.56	153,403.10	147,962.40
1131	96.41	1.1951	5.60	6.56	26,567.37	1,441.73	9,375.84	8,020.19	153,513.10	148,068.10
1132	96.41	1.1951	5.59	6.54	26,584.57	1,442.67	9,382.35	8,025.76	153,621.10	148,171.60
1133	96.41	1.1951	5.63	6.58	26,602.03	1,443.63	9,388.97	8,031.42	153,730.20	148,277.70
1134	96.41	1.1951	5.62	6.58	26,619.36	1,444.57	9,395.52	8,037.03	153,838.40	148,382.70
1135	96.41	1.1951	5.62	6.57	26,636.70	1,445.52	9,402.08	8,042.64	153,946.90	148,487.70
1136	96.41	1.1951	5.61	6.57	26,654.06	1,446.47	9,408.63	8,048.24	154,055.40	148,592.70
1137	96.41	1.1952	5.59	6.55	26,671.47	1,447.43	9,415.19	8,053.84	154,164.00	148,697.70
1138	96.41	1.1952	5.61	6.56	26,688.79	1,448.38	9,421.76	8,059.47	154,272.40	148,801.70
1139	96.41	1.1952	5.64	6.59	26,706.02	1,449.32	9,428.31	8,065.07	154,380.70	148,906.30
1140	96.41	1.1952	5.63	6.59	26,723.45	1,450.28	9,434.91	8,070.72	154,489.90	149,012.10
1141	96.41	1.1952	5.63	6.58	26,740.93	1,451.24	9,441.52	8,076.36	154,599.20	149,117.90
1142	96.41	1.1952	5.55	6.50	26,758.16	1,452.18	9,448.00	8,081.90	154,706.80	149,221.80
1143	96.42	1.1952	5.62	6.57	26,775.45	1,453.13	9,454.56	8,087.51	154,815.40	149,326.00
1144	96.42	1.1952	5.65	6.61	26,792.80	1,454.08	9,461.15	8,093.15	154,924.40	149,431.60
1145	96.42	1.1952	5.63	6.58	26,810.19	1,455.03	9,467.74	8,098.79	155,033.40	149,537.20
1146	96.42	1.1952	5.57	6.52	26,827.50	1,455.99	9,474.27	8,104.37	155,141.40	149,641.80
1147	96.42	1.1952	5.57	6.52	26,844.86	1,456.94	9,480.80	8,109.95	155,249.90	149,746.40
1148	96.42	1.1952	5.67	6.62	26,862.29	1,457.89	9,487.44	8,115.63	155,359.50	149,851.90
1149	96.42	1.1952	5.66	6.62	26,879.62	1,458.84	9,494.01	8,121.26	155,468.20	149,957.20
1150	96.42	1.1952	5.59	6.54	26,897.01	1,459.79	9,500.59	8,126.88	155,576.90	150,062.50
1151	96.42	1.1952	5.59	6.54	26,914.29	1,460.74	9,507.10	8,132.44	155,684.90	150,166.90
1152	96.42	1.1952	5.60	6.56	26,931.63	1,461.69	9,513.63	8,138.02	155,793.50	150,271.20
1153	96.42	1.1952	5.63	6.58	26,949.03	1,462.65	9,520.25	8,143.69	155,902.80	150,376.70
1154	96.43	1.1952	5.60	6.56	26,966.36	1,463.60	9,526.81	8,149.29	156,011.10	150,481.70
1155	96.43	1.1952	5.60	6.56	26,983.76	1,464.55	9,533.36	8,154.89	156,120.00	150,586.70

SURVEY No. 4

Time (days) 1155.005
 Incremental Time (hours) 13.760
 Production Rate (gpm) 3.058
 Injection Rate (gpm) 3.174
 Injection/Production Ratio (gal/gal) 1.038
 Mass Balance 1.000

Cell No.	Cell Height (feet)	Depth (feet)	Radius (feet)	Cavity Brine (sp. gravity)	Plume Brine (sp. gravity)	Plume Flow (gpm)	Inclination (degrees)	Cell Volume (barrels)	Cumm. Volume (barrels)
105	104.5	485.5	10.96	1.1952	1.1951	36.23	92	67.23	67.23
104	103.5	486.5	11.00	1.1954	1.1953	85.83	94	67.68	134.91
103	102.5	487.5	11.11	1.1954	1.1953	136.14	96	69.05	203.96
102	101.5	488.5	11.24	1.1955	1.1954	187.81	98	70.73	274.69
101	100.5	489.5	11.40	1.1955	1.1954	187.70	99	72.74	347.43
100	99.5	490.5	11.58	1.1955	1.1954	187.57	100	75.00	422.42
99	98.5	491.5	11.77	1.1955	1.1954	187.42	101	77.47	499.90
98	97.5	492.5	11.97	1.1956	1.1954	187.25	102	80.19	580.09
97	96.5	493.5	12.19	1.1956	1.1954	187.06	102	83.18	663.27
96	95.5	494.5	12.42	1.1956	1.1954	186.84	103	86.37	749.64
95	94.5	495.5	12.66	1.1957	1.1954	186.60	103	89.69	839.33
94	93.5	496.5	12.90	1.1957	1.1954	186.33	103	93.11	932.45
93	92.5	497.5	13.14	1.1957	1.1954	186.04	103	96.64	1,029.09
92	91.5	498.5	13.39	1.1957	1.1954	185.73	103	100.31	1,129.39
91	90.5	499.5	13.63	1.1958	1.1954	185.39	103	104.01	1,233.40
90	89.5	500.5	13.87	1.1958	1.1954	185.03	103	107.59	1,340.99
89	88.5	501.5	14.11	1.1958	1.1954	184.64	103	111.32	1,452.32
88	87.5	502.5	14.35	1.1959	1.1954	184.23	103	115.15	1,567.47
87	86.5	503.5	14.59	1.1959	1.1954	183.79	103	119.11	1,686.58
86	85.5	504.5	14.84	1.1959	1.1954	183.32	104	123.20	1,809.78
85	84.5	505.5	15.11	1.1960	1.1954	182.83	105	127.76	1,937.54
84	83.5	506.5	15.39	1.1960	1.1954	182.31	105	132.51	2,070.05
83	82.5	507.5	15.66	1.1960	1.1954	181.76	104	137.24	2,207.30
82	81.5	508.5	15.92	1.1960	1.1954	181.19	104	141.89	2,349.18
81	80.5	509.5	16.18	1.1961	1.1953	180.58	104	146.44	2,495.62
80	79.5	510.5	16.42	1.1961	1.1953	179.95	103	150.95	2,646.57

79	78.5	511.5	16.67	1.1962	1.1953	179.29	103	155.48	2,802.05
78	77.5	512.5	16.91	1.1962	1.1953	178.60	103	159.98	2,962.03
77	76.5	513.5	17.14	1.1962	1.1953	177.88	103	164.47	3,126.50
76	75.5	514.5	17.38	1.1963	1.1953	177.13	103	169.06	3,295.56
75	74.5	515.5	17.62	1.1963	1.1953	176.35	103	173.64	3,469.19
74	73.5	516.5	17.85	1.1963	1.1953	175.54	103	178.27	3,647.46
73	72.5	517.5	18.08	1.1964	1.1953	174.70	102	182.91	3,830.38
72	71.5	518.5	18.30	1.1964	1.1953	173.83	102	187.48	4,017.86
71	70.5	519.5	18.52	1.1964	1.1953	172.93	102	191.85	4,209.71
70	69.5	520.5	18.73	1.1965	1.1953	172.00	102	196.33	4,406.04
69	68.5	521.5	18.95	1.1965	1.1953	171.03	102	200.93	4,606.97
68	67.5	522.5	19.17	1.1966	1.1953	170.04	101	205.65	4,812.62
67	66.5	523.5	19.37	1.1966	1.1953	169.01	100	209.94	5,022.56
66	65.5	524.5	19.56	1.1966	1.1953	167.95	100	213.97	5,236.54
65	64.5	525.5	19.74	1.1967	1.1953	166.85	100	217.93	5,454.47
64	63.5	526.5	19.93	1.1967	1.1953	165.73	100	222.33	5,676.80
63	62.5	527.5	20.12	1.1967	1.1952	164.57	100	226.50	5,903.30
62	61.5	528.5	20.31	1.1968	1.1952	163.38	100	230.75	6,134.04
61	60.5	529.5	20.49	1.1968	1.1952	162.15	100	234.98	6,369.02
60	59.5	530.5	20.67	1.1969	1.1952	160.89	100	239.09	6,608.11
59	58.5	531.5	20.86	1.1969	1.1952	159.60	100	243.40	6,851.51
58	57.5	532.5	21.04	1.1969	1.1952	158.27	100	247.70	7,099.22
57	56.5	533.5	21.23	1.1970	1.1952	156.91	100	252.13	7,351.34
56	55.5	534.5	21.41	1.1970	1.1951	155.52	99	256.41	7,607.75
55	54.5	535.5	21.58	1.1971	1.1951	154.09	99	260.53	7,868.28
54	53.5	536.5	21.75	1.1971	1.1951	152.62	99	264.65	8,132.93
53	52.5	537.5	21.91	1.1972	1.1951	151.12	99	268.63	8,401.56
52	51.5	538.5	22.07	1.1972	1.1951	149.58	98	272.45	8,674.01
51	50.5	539.5	22.20	1.1972	1.1950	148.01	97	275.87	8,949.88
50	49.5	540.5	22.33	1.1973	1.1950	146.40	97	278.97	9,228.85
49	48.5	541.5	22.45	1.1973	1.1950	144.76	96	282.12	9,510.96
48	47.5	542.5	22.57	1.1974	1.1950	143.08	96	285.14	9,796.10
47	46.5	543.5	22.69	1.1974	1.1949	141.36	96	288.09	10,084.19
46	45.5	544.5	22.80	1.1975	1.1949	139.61	96	290.90	10,375.09
45	44.5	545.5	22.90	1.1975	1.1949	137.82	95	293.55	10,668.64
44	43.5	546.5	23.00	1.1976	1.1948	135.99	95	296.11	10,964.75
43	42.5	547.5	23.09	1.1976	1.1948	134.13	94	298.37	11,263.12
42	41.5	548.5	23.17	1.1976	1.1948	132.23	94	300.52	11,563.64
41	40.5	549.5	23.25	1.1977	1.1947	130.28	94	302.41	11,866.05
40	39.5	550.5	23.32	1.1977	1.1947	128.31	94	304.34	12,170.39

39	38.5	551.5	23.40	1.1978	1.1946	126.29	94	306.26	12,476.66
38	37.5	552.5	23.46	1.1978	1.1946	124.23	93	308.05	12,784.71
37	36.5	553.5	23.53	1.1979	1.1945	122.14	93	309.78	13,094.48
36	35.5	554.5	23.60	1.1979	1.1944	120.00	93	311.53	13,406.01
35	34.5	555.5	23.67	1.1980	1.1944	117.83	93	313.37	13,719.39
34	33.5	556.5	23.73	1.1980	1.1943	115.61	93	315.06	14,034.45
33	32.5	557.5	23.79	1.1981	1.1942	113.35	94	316.77	14,351.22
32	31.5	558.5	23.87	1.1981	1.1941	111.05	94	318.91	14,670.13
31	30.5	559.5	23.96	1.1982	1.1941	108.71	95	321.19	14,991.32
30	29.5	560.5	24.05	1.1982	1.1940	106.33	95	323.76	15,315.08
29	28.5	561.5	24.16	1.1983	1.1939	103.90	96	326.67	15,641.74
28	27.5	562.5	24.27	1.1983	1.1938	101.42	96	329.60	15,971.34
27	26.5	563.5	24.40	1.1984	1.1936	98.90	97	333.07	16,304.41
26	25.5	564.5	24.53	1.1984	1.1935	96.34	97	336.67	16,641.08
25	24.5	565.5	24.67	1.1985	1.1934	93.72	98	340.58	16,981.67
24	23.5	566.5	24.83	1.1985	1.1932	91.06	98	344.85	17,326.52
23	22.5	567.5	24.99	1.1986	1.1931	88.34	99	349.35	17,675.87
22	21.5	568.5	25.16	1.1987	1.1929	85.57	100	354.25	18,030.12
21	20.5	569.5	25.34	1.1987	1.1927	82.75	100	359.31	18,389.42
20	19.5	570.5	25.54	1.1988	1.1925	79.87	101	364.86	18,754.29
19	18.5	571.5	25.73	1.1988	1.1922	76.94	101	370.55	19,124.84
18	17.5	572.5	25.95	1.1989	1.1919	73.94	102	376.72	19,501.56
17	16.5	573.5	26.17	1.1990	1.1916	70.88	102	383.08	19,884.63
16	15.5	574.5	26.40	1.1990	1.1913	67.75	103	389.90	20,274.54
15	14.5	575.5	26.63	1.1991	1.1909	64.55	103	396.84	20,671.37
14	13.5	576.5	26.88	1.1992	1.1905	61.28	103	404.33	21,075.70
13	12.5	577.5	27.13	1.1993	1.1899	57.93	104	411.82	21,487.52
12	11.5	578.5	27.39	1.1993	1.1893	54.49	104	419.70	21,907.22
11	10.5	579.5	27.65	1.1994	1.1886	50.96	104	427.81	22,335.02
10	9.5	580.5	27.91	1.1995	1.1878	47.33	104	435.84	22,770.86
9	8.5	581.5	28.17	1.1996	1.1868	43.59	104	444.17	23,215.03
8	7.5	582.5	28.44	1.1997	1.1855	39.72	104	452.45	23,667.48
7	6.5	583.5	28.69	1.1998	1.1839	35.71	103	460.49	24,127.97
6	5.5	584.5	28.92	1.1999	1.1818	31.53	102	467.93	24,595.90
5	4.5	585.5	29.13	1.2000	1.1788	27.14	100	474.69	25,070.59
4	3.5	586.5	29.29	1.2002	1.1743	22.48	96	480.08	25,550.67
3	2.5	587.5	29.37	1.2003	1.1668	17.46	90	482.55	26,033.21
2	1.5	588.5	29.30	1.2005	1.1503	11.81	79	480.45	26,513.66
1	0.5	589.5	28.99	1.2007	1.0000	3.17	72	470.09	26,983.76

Time (days)	Produced Brine (% sat.)	Produced Brine (sp. gr.)	Daily Salt Production (tons/day)	Daily Salt Dissolution (tons/day)	Cavity Volume (barrels)	Salt in Solution (tons)	Total Salt Dissolved (tons)	Total Salt Produced (tons)	Total Water Injected (barrels)	Total Brine Produced (barrels)
1156	96.55	1.1954	4.66	6.47	27,000.90	1,466.36	9,539.85	8,159.57	156,210.30	150,673.70
1157	96.61	1.1955	4.64	6.25	27,017.33	1,467.97	9,546.06	8,164.18	156,299.80	150,759.00
1158	96.66	1.1956	4.67	6.15	27,033.62	1,469.45	9,552.23	8,168.86	156,390.70	150,846.50
1159	96.69	1.1957	4.68	6.05	27,049.64	1,470.83	9,558.30	8,173.55	156,481.70	150,934.20
1160	96.72	1.1957	4.66	5.94	27,065.32	1,472.11	9,564.23	8,178.20	156,571.80	151,021.10
1161	96.75	1.1958	4.67	5.86	27,080.73	1,473.30	9,570.07	8,182.85	156,661.10	151,107.20
1162	96.77	1.1958	4.65	5.79	27,096.16	1,474.45	9,575.90	8,187.53	156,751.40	151,194.10
1163	96.78	1.1959	4.71	5.79	27,111.32	1,475.53	9,581.67	8,192.22	156,840.90	151,280.10
1164	96.80	1.1959	4.67	5.70	27,126.42	1,476.57	9,587.38	8,196.89	156,931.60	151,367.60
1165	96.81	1.1959	4.63	5.62	27,141.32	1,477.57	9,592.99	8,201.51	157,021.50	151,454.40
1166	96.82	1.1959	4.65	5.62	27,156.21	1,478.53	9,598.61	8,206.16	157,111.50	151,541.20
1167	96.83	1.1959	4.66	5.60	27,171.11	1,479.48	9,604.22	8,210.83	157,201.50	151,628.00
1168	96.84	1.1960	4.64	5.55	27,185.89	1,480.40	9,609.78	8,215.47	157,291.90	151,715.30
1169	96.84	1.1960	4.65	5.55	27,200.67	1,481.30	9,615.34	8,220.12	157,382.50	151,802.80
1170	96.85	1.1960	4.62	5.50	27,215.28	1,482.18	9,620.85	8,224.75	157,472.20	151,889.40
1171	96.85	1.1960	4.65	5.51	27,229.77	1,483.04	9,626.32	8,229.36	157,561.10	151,975.20
1172	96.86	1.1960	4.67	5.53	27,244.44	1,483.90	9,631.87	8,234.05	157,651.00	152,061.80
1173	96.86	1.1960	4.69	5.54	27,258.98	1,484.75	9,637.41	8,238.74	157,741.20	152,148.60
1174	96.87	1.1960	4.68	5.52	27,273.41	1,485.58	9,642.90	8,243.40	157,830.60	152,235.00
1175	96.87	1.1960	4.69	5.52	27,288.04	1,486.42	9,648.44	8,248.11	157,920.90	152,322.30
1176	96.87	1.1960	4.68	5.51	27,302.55	1,487.24	9,653.93	8,252.77	158,010.40	152,408.70
1177	96.87	1.1960	4.63	5.45	27,317.09	1,488.07	9,659.42	8,257.43	158,100.50	152,495.10
1178	96.88	1.1960	4.64	5.45	27,331.52	1,488.88	9,664.85	8,262.05	158,190.50	152,582.10
1179	96.88	1.1960	4.68	5.49	27,346.12	1,489.70	9,670.38	8,266.76	158,281.40	152,670.00
1180	96.88	1.1960	4.70	5.51	27,360.64	1,490.51	9,675.89	8,271.47	158,371.40	152,757.00
1181	96.88	1.1960	4.68	5.48	27,375.05	1,491.31	9,681.36	8,276.13	158,460.50	152,843.10
1182	96.88	1.1960	4.67	5.48	27,389.51	1,492.11	9,686.82	8,280.79	158,550.50	152,929.50
1183	96.88	1.1960	4.65	5.45	27,404.02	1,492.92	9,692.30	8,285.46	158,641.00	153,017.10
1184	96.88	1.1960	4.71	5.51	27,418.44	1,493.72	9,697.80	8,290.17	158,730.60	153,103.70
1185	96.89	1.1960	4.71	5.51	27,432.89	1,494.52	9,703.31	8,294.87	158,820.20	153,190.40
1186	96.89	1.1960	4.68	5.48	27,447.40	1,495.33	9,708.81	8,299.56	158,910.80	153,277.00
1187	96.89	1.1960	4.65	5.45	27,461.78	1,496.12	9,714.25	8,304.21	159,000.50	153,362.80
1188	96.89	1.1961	4.65	5.45	27,476.19	1,496.92	9,719.69	8,308.85	159,090.50	153,449.70
1189	96.89	1.1961	4.65	5.45	27,490.68	1,497.72	9,725.15	8,313.51	159,180.60	153,536.80
1190	96.89	1.1961	4.68	5.48	27,505.06	1,498.51	9,730.62	8,318.19	159,269.80	153,623.10

1191	96.89	1.1961	4.69	5.48	27,519.46	1,499.31	9,736.10	8,322.87	159,359.30	153,709.30
1192	96.89	1.1961	4.68	5.48	27,533.92	1,500.10	9,741.57	8,327.55	159,449.80	153,796.10
1193	96.89	1.1961	4.66	5.46	27,548.45	1,500.90	9,747.04	8,332.22	159,540.40	153,883.80
1194	96.89	1.1961	4.62	5.42	27,562.87	1,501.70	9,752.46	8,336.85	159,629.90	153,970.50
1195	96.89	1.1961	4.67	5.47	27,577.29	1,502.49	9,757.92	8,341.52	159,719.50	154,057.30
1196	96.89	1.1961	4.71	5.50	27,591.75	1,503.28	9,763.43	8,346.23	159,809.10	154,144.00
1197	96.90	1.1961	4.69	5.48	27,606.10	1,504.07	9,768.87	8,350.88	159,898.70	154,229.80
1198	96.90	1.1961	4.65	5.44	27,620.50	1,504.86	9,774.31	8,355.53	159,988.70	154,316.70
1199	96.90	1.1961	4.65	5.44	27,634.94	1,505.66	9,779.75	8,360.18	160,078.70	154,403.80
1200	96.90	1.1961	4.65	5.44	27,649.39	1,506.45	9,785.20	8,364.83	160,168.70	154,491.00
1201	96.90	1.1961	4.66	5.46	27,663.89	1,507.25	9,790.67	8,369.51	160,258.70	154,578.20
1202	96.90	1.1961	4.68	5.47	27,678.28	1,508.04	9,796.14	8,374.19	160,348.00	154,664.40
1203	96.90	1.1961	4.68	5.47	27,692.73	1,508.83	9,801.61	8,378.86	160,438.30	154,750.80
1204	96.90	1.1961	4.67	5.47	27,707.23	1,509.63	9,807.08	8,383.53	160,528.70	154,838.40
1205	96.90	1.1961	4.63	5.42	27,721.61	1,510.42	9,812.49	8,388.15	160,618.00	154,925.00
1206	96.90	1.1961	4.69	5.48	27,736.18	1,511.22	9,818.02	8,392.89	160,708.40	155,012.60
1207	96.90	1.1961	4.70	5.50	27,750.63	1,512.01	9,823.52	8,397.59	160,798.50	155,099.20
1208	96.90	1.1961	4.71	5.50	27,765.09	1,512.80	9,829.01	8,402.29	160,889.00	155,185.90
1209	96.90	1.1961	4.71	5.50	27,779.55	1,513.60	9,834.50	8,406.99	160,979.50	155,272.50
1210	96.90	1.1961	4.69	5.49	27,794.04	1,514.39	9,840.00	8,411.68	161,070.20	155,359.10
1211	96.90	1.1961	4.65	5.44	27,808.40	1,515.19	9,845.43	8,416.32	161,159.90	155,445.50
1212	96.90	1.1961	4.65	5.44	27,822.80	1,515.98	9,850.86	8,420.96	161,249.60	155,532.50
1213	96.91	1.1961	4.65	5.44	27,837.23	1,516.77	9,856.29	8,425.60	161,339.40	155,619.50
1214	96.91	1.1961	4.70	5.49	27,851.70	1,517.56	9,861.77	8,430.29	161,429.10	155,706.50
1215	96.91	1.1961	4.68	5.47	27,866.22	1,518.36	9,867.29	8,435.01	161,520.10	155,793.50
1216	96.91	1.1961	4.67	5.47	27,880.62	1,519.15	9,872.74	8,439.67	161,610.10	155,879.90
1217	96.91	1.1961	4.67	5.47	27,895.04	1,519.95	9,878.20	8,444.33	161,700.10	155,967.20
1218	96.91	1.1961	4.65	5.44	27,909.51	1,520.74	9,883.65	8,448.99	161,790.20	156,054.60
1219	96.91	1.1961	4.62	5.41	27,923.86	1,521.53	9,889.04	8,453.59	161,879.20	156,140.90
1220	96.91	1.1961	4.68	5.47	27,938.22	1,522.32	9,894.49	8,458.25	161,968.30	156,227.20
1221	96.91	1.1961	4.70	5.49	27,952.81	1,523.12	9,900.02	8,462.99	162,059.70	156,314.60
1222	96.91	1.1961	4.68	5.48	27,967.28	1,523.91	9,905.50	8,467.66	162,150.00	156,401.30
1223	96.91	1.1961	4.65	5.44	27,981.63	1,524.70	9,910.90	8,472.29	162,239.20	156,488.00
1224	96.91	1.1961	4.68	5.48	27,996.21	1,525.50	9,916.42	8,477.00	162,329.60	156,575.60
1225	96.91	1.1961	4.72	5.52	28,010.64	1,526.29	9,921.91	8,481.70	162,419.00	156,662.20
1226	96.91	1.1961	4.69	5.48	28,025.09	1,527.09	9,927.40	8,486.39	162,509.20	156,748.90
1227	96.91	1.1961	4.67	5.46	28,039.57	1,527.88	9,932.89	8,491.08	162,599.80	156,835.50
1228	96.91	1.1961	4.67	5.46	28,053.91	1,528.67	9,938.31	8,495.72	162,689.30	156,921.40
1229	96.92	1.1961	4.67	5.46	28,068.44	1,529.47	9,943.80	8,500.41	162,779.80	157,009.30
1230	96.92	1.1961	4.65	5.44	28,082.86	1,530.26	9,949.22	8,505.04	162,869.30	157,096.20

1231	96.92	1.1961	4.68	5.47	28,097.31	1,531.05	9,954.71	8,509.74	162,959.00	157,183.10
1232	96.92	1.1961	4.69	5.49	28,111.80	1,531.85	9,960.22	8,514.45	163,049.40	157,270.00
1233	96.92	1.1961	4.69	5.49	28,126.15	1,532.64	9,965.66	8,519.10	163,139.10	157,355.90
1234	96.92	1.1961	4.66	5.45	28,140.55	1,533.43	9,971.10	8,523.75	163,228.80	157,442.60
1235	96.92	1.1961	4.64	5.43	28,154.98	1,534.22	9,976.53	8,528.40	163,318.50	157,529.80
1236	96.92	1.1961	4.66	5.45	28,169.45	1,535.02	9,981.99	8,533.06	163,408.30	157,616.90
1237	96.92	1.1961	4.69	5.48	28,183.98	1,535.81	9,987.51	8,537.78	163,498.90	157,704.00
1238	96.92	1.1961	4.67	5.46	28,198.37	1,536.60	9,992.96	8,542.44	163,588.80	157,790.10
1239	96.92	1.1961	4.67	5.46	28,212.77	1,537.39	9,998.41	8,547.10	163,678.60	157,876.20
1240	96.92	1.1961	4.66	5.46	28,227.21	1,538.19	10,003.86	8,551.76	163,768.50	157,963.60
1241	96.92	1.1961	4.65	5.45	28,241.69	1,538.98	10,009.32	8,556.41	163,858.40	158,050.90
1242	96.92	1.1961	4.66	5.45	28,256.01	1,539.77	10,014.75	8,561.05	163,947.40	158,137.20
1243	96.92	1.1961	4.69	5.48	28,270.55	1,540.57	10,020.28	8,565.79	164,038.00	158,224.50
1244	96.92	1.1961	4.69	5.48	28,284.93	1,541.36	10,025.74	8,570.46	164,128.00	158,310.70
1245	96.93	1.1961	4.67	5.46	28,299.35	1,542.15	10,031.20	8,575.13	164,218.00	158,397.50
1246	96.93	1.1961	4.64	5.43	28,313.63	1,542.94	10,036.59	8,579.74	164,306.90	158,483.90
1247	96.93	1.1961	4.64	5.43	28,328.13	1,543.74	10,042.06	8,584.40	164,396.90	158,571.40
1248	96.93	1.1961	4.70	5.50	28,342.66	1,544.54	10,047.58	8,589.13	164,487.30	158,658.90
1249	96.93	1.1961	4.71	5.51	28,357.05	1,545.33	10,053.05	8,593.81	164,577.00	158,745.30
1250	96.93	1.1961	4.67	5.46	28,371.49	1,546.12	10,058.53	8,598.49	164,667.20	158,831.70
1251	96.93	1.1961	4.66	5.45	28,385.96	1,546.91	10,064.00	8,603.17	164,757.30	158,918.90
1252	96.93	1.1961	4.66	5.46	28,400.28	1,547.70	10,069.40	8,607.78	164,846.20	159,005.40
1253	96.93	1.1961	4.66	5.46	28,414.82	1,548.50	10,074.87	8,612.45	164,936.70	159,093.00
1254	96.93	1.1961	4.69	5.48	28,429.23	1,549.29	10,080.35	8,617.14	165,026.90	159,179.60
1255	96.93	1.1961	4.69	5.48	28,443.69	1,550.08	10,085.83	8,621.83	165,117.00	159,266.10
1256	96.93	1.1961	4.68	5.48	28,458.18	1,550.88	10,091.30	8,626.51	165,207.20	159,352.60
1257	96.93	1.1961	4.68	5.47	28,472.70	1,551.68	10,096.78	8,631.19	165,297.40	159,440.10
1258	96.93	1.1961	4.67	5.46	28,487.27	1,552.47	10,102.29	8,635.90	165,388.00	159,527.80
1259	96.93	1.1961	4.71	5.50	28,501.69	1,553.26	10,107.78	8,640.59	165,477.90	159,614.50
1260	96.93	1.1961	4.71	5.50	28,516.14	1,554.06	10,113.26	8,645.28	165,568.10	159,701.10
1261	96.93	1.1961	4.67	5.46	28,530.61	1,554.85	10,118.74	8,649.97	165,658.40	159,787.70
1262	96.93	1.1961	4.66	5.45	28,544.92	1,555.64	10,124.15	8,654.59	165,747.40	159,873.20
1263	96.94	1.1961	4.66	5.45	28,559.44	1,556.44	10,129.64	8,659.28	165,837.70	159,960.00
1264	96.94	1.1961	4.66	5.45	28,573.79	1,557.23	10,135.05	8,663.90	165,926.70	160,046.70
1265	96.94	1.1961	4.71	5.50	28,588.38	1,558.03	10,140.59	8,668.64	166,017.60	160,134.50
1266	96.94	1.1961	4.68	5.47	28,602.83	1,558.82	10,146.08	8,673.34	166,107.80	160,221.20
1267	96.94	1.1961	4.68	5.48	28,617.30	1,559.62	10,151.56	8,678.03	166,198.00	160,307.90
1268	96.94	1.1961	4.68	5.47	28,631.61	1,560.40	10,156.98	8,682.65	166,287.10	160,393.50
1269	96.94	1.1961	4.64	5.44	28,646.14	1,561.20	10,162.46	8,687.34	166,377.40	160,481.10
1270	96.94	1.1961	4.66	5.46	28,660.53	1,561.99	10,167.91	8,692.00	166,467.30	160,567.80

1271	96.94	1.1961	4.70	5.50	28,674.99	1,562.79	10,173.39	8,696.69	166,557.50	160,654.50
1272	96.94	1.1961	4.68	5.48	28,689.48	1,563.58	10,178.88	8,701.38	166,647.80	160,741.20
1273	96.94	1.1962	4.66	5.45	28,703.79	1,564.37	10,184.29	8,706.01	166,736.80	160,826.80
1274	96.94	1.1962	4.66	5.45	28,718.33	1,565.17	10,189.78	8,710.69	166,827.00	160,914.70
1275	96.94	1.1962	4.65	5.45	28,732.68	1,565.95	10,195.19	8,715.32	166,916.00	161,001.40
1276	96.94	1.1962	4.67	5.47	28,747.25	1,566.76	10,200.70	8,720.03	167,007.20	161,089.30
1277	96.94	1.1962	4.70	5.49	28,761.67	1,567.55	10,206.18	8,724.72	167,097.30	161,176.00
1278	96.94	1.1962	4.68	5.47	28,776.14	1,568.34	10,211.67	8,729.41	167,187.50	161,262.70
1279	96.94	1.1962	4.68	5.47	28,790.68	1,569.14	10,217.16	8,734.10	167,277.60	161,350.10
1280	96.95	1.1962	4.65	5.44	28,805.06	1,569.93	10,222.58	8,738.73	167,367.50	161,436.80
1281	96.95	1.1962	4.70	5.49	28,819.46	1,570.72	10,228.06	8,743.42	167,457.50	161,523.40
1282	96.95	1.1962	4.70	5.49	28,833.90	1,571.52	10,233.54	8,748.11	167,547.60	161,610.10
1283	96.95	1.1962	4.68	5.48	28,848.40	1,572.31	10,239.03	8,752.80	167,637.70	161,696.80
1284	96.95	1.1962	4.65	5.44	28,862.92	1,573.11	10,244.51	8,757.48	167,727.80	161,784.20
1285	96.95	1.1962	4.65	5.45	28,877.29	1,573.90	10,249.92	8,762.10	167,816.90	161,870.90
1286	96.95	1.1962	4.68	5.48	28,891.88	1,574.70	10,255.44	8,766.82	167,908.20	161,958.70
1287	96.95	1.1962	4.68	5.47	28,906.13	1,575.48	10,260.84	8,771.44	167,996.90	162,044.10
1288	96.95	1.1962	4.67	5.47	28,920.61	1,576.28	10,266.32	8,776.12	168,086.90	162,130.70
1289	96.95	1.1962	4.67	5.47	28,935.10	1,577.08	10,271.79	8,780.80	168,177.00	162,218.10
1290	96.95	1.1962	4.66	5.45	28,949.64	1,577.88	10,277.27	8,785.48	168,267.40	162,305.90
1291	96.95	1.1962	4.67	5.46	28,964.02	1,578.67	10,282.71	8,790.13	168,357.30	162,392.40
1292	96.95	1.1962	4.70	5.49	28,978.43	1,579.46	10,288.18	8,794.81	168,447.20	162,479.00
1293	96.95	1.1962	4.70	5.49	28,993.05	1,580.26	10,293.73	8,799.56	168,538.30	162,566.70
1294	96.95	1.1962	4.69	5.49	29,007.51	1,581.05	10,299.20	8,804.23	168,628.10	162,653.20
1295	96.95	1.1962	4.65	5.44	29,021.79	1,581.84	10,304.60	8,808.84	168,716.80	162,738.80
1296	96.95	1.1962	4.65	5.44	29,036.30	1,582.64	10,310.07	8,813.51	168,806.90	162,826.50
1297	96.95	1.1962	4.65	5.45	29,050.84	1,583.43	10,315.54	8,818.19	168,897.70	162,914.10
1298	96.96	1.1962	4.72	5.51	29,065.20	1,584.22	10,321.01	8,822.87	168,987.40	163,000.50
1299	96.96	1.1962	4.69	5.48	29,079.79	1,585.02	10,326.55	8,827.61	169,078.40	163,088.20
1300	96.96	1.1962	4.67	5.46	29,094.21	1,585.82	10,332.01	8,832.28	169,168.10	163,174.60
1301	96.96	1.1962	4.67	5.46	29,108.66	1,586.61	10,337.47	8,836.94	169,257.90	163,261.00
1302	96.96	1.1962	4.67	5.46	29,123.14	1,587.41	10,342.93	8,841.61	169,347.90	163,348.20
1303	96.96	1.1962	4.65	5.44	29,137.46	1,588.19	10,348.34	8,846.22	169,437.40	163,434.40
1304	96.96	1.1962	4.69	5.49	29,151.79	1,588.98	10,353.79	8,850.89	169,526.80	163,520.70
1305	96.96	1.1962	4.69	5.48	29,166.36	1,589.78	10,359.32	8,855.62	169,617.60	163,608.20
1306	96.96	1.1962	4.67	5.47	29,180.76	1,590.57	10,364.77	8,860.28	169,707.10	163,694.40
1307	96.96	1.1962	4.65	5.44	29,195.21	1,591.37	10,370.22	8,864.94	169,796.90	163,781.30
1308	96.96	1.1962	4.65	5.45	29,209.71	1,592.16	10,375.68	8,869.60	169,887.40	163,868.70
1309	96.96	1.1962	4.71	5.51	29,224.21	1,592.96	10,381.20	8,874.33	169,977.90	163,956.00
1310	96.96	1.1962	4.71	5.51	29,238.54	1,593.74	10,386.64	8,878.98	170,067.20	164,042.00

1311	96.96	1.1962	4.67	5.47	29,253.12	1,594.54	10,392.16	8,883.70	170,157.80	164,129.40
1312	96.96	1.1962	4.67	5.46	29,267.52	1,595.33	10,397.60	8,888.34	170,247.00	164,215.40
1313	96.96	1.1962	4.66	5.46	29,281.96	1,596.13	10,403.03	8,892.99	170,336.70	164,302.20
1314	96.96	1.1962	4.69	5.48	29,296.42	1,596.92	10,408.53	8,897.69	170,426.90	164,389.30
1315	96.96	1.1962	4.69	5.48	29,310.92	1,597.72	10,414.04	8,902.40	170,517.20	164,476.40
1316	96.97	1.1962	4.68	5.48	29,325.46	1,598.52	10,419.54	8,907.11	170,607.50	164,563.60
1317	96.97	1.1962	4.68	5.47	29,339.82	1,599.31	10,424.97	8,911.74	170,696.60	164,649.40
1318	96.97	1.1962	4.65	5.44	29,354.20	1,600.10	10,430.39	8,916.38	170,786.10	164,735.60
1319	96.97	1.1962	4.64	5.44	29,368.59	1,600.89	10,435.82	8,921.01	170,876.00	164,822.50
1320	96.97	1.1962	4.69	5.49	29,383.26	1,601.69	10,441.38	8,925.77	170,967.40	164,910.70
1321	96.97	1.1962	4.66	5.46	29,397.54	1,602.48	10,446.78	8,930.39	171,056.10	164,996.30
1322	96.97	1.1962	4.66	5.46	29,412.07	1,603.28	10,452.27	8,935.08	171,146.40	165,083.20
1323	96.97	1.1962	4.66	5.46	29,426.40	1,604.06	10,457.68	8,939.70	171,235.70	165,168.80
1324	96.97	1.1962	4.66	5.46	29,440.97	1,604.86	10,463.17	8,944.39	171,326.60	165,256.80
1325	96.97	1.1962	4.67	5.47	29,455.34	1,605.65	10,468.61	8,949.04	171,416.30	165,343.40
1326	96.97	1.1962	4.69	5.48	29,469.73	1,606.45	10,474.08	8,953.72	171,506.10	165,430.00
1327	96.97	1.1962	4.68	5.48	29,484.15	1,607.24	10,479.55	8,958.40	171,595.80	165,516.60
1328	96.97	1.1962	4.68	5.48	29,498.60	1,608.03	10,485.03	8,963.08	171,685.50	165,603.30
1329	96.97	1.1962	4.68	5.48	29,513.28	1,608.84	10,490.58	8,967.83	171,776.60	165,691.20
1330	96.97	1.1962	4.65	5.45	29,527.56	1,609.62	10,495.98	8,972.44	171,865.70	165,777.40
1331	96.97	1.1962	4.69	5.49	29,542.11	1,610.42	10,501.50	8,977.16	171,956.40	165,865.10
1332	96.97	1.1962	4.70	5.50	29,556.45	1,611.21	10,506.95	8,981.83	172,045.80	165,951.40
1333	96.98	1.1962	4.70	5.50	29,571.03	1,612.01	10,512.49	8,986.56	172,136.50	166,039.00
1334	96.98	1.1962	4.66	5.45	29,585.44	1,612.80	10,517.94	8,991.22	172,226.10	166,125.40
1335	96.98	1.1962	4.66	5.45	29,599.89	1,613.60	10,523.40	8,995.88	172,316.30	166,212.10
1336	96.98	1.1962	4.66	5.45	29,614.37	1,614.39	10,528.85	9,000.54	172,406.70	166,299.50
1337	96.98	1.1962	4.71	5.51	29,628.86	1,615.19	10,534.35	9,005.25	172,497.10	166,386.80
1338	96.98	1.1962	4.68	5.47	29,643.18	1,615.97	10,539.79	9,009.89	172,586.10	166,472.80
1339	96.98	1.1962	4.68	5.47	29,657.76	1,616.77	10,545.30	9,014.61	172,676.50	166,560.20
1340	96.98	1.1962	4.68	5.47	29,672.14	1,617.56	10,550.73	9,019.25	172,766.10	166,646.20
1341	96.98	1.1962	4.65	5.44	29,686.56	1,618.36	10,556.17	9,023.89	172,856.10	166,733.00
1342	96.98	1.1962	4.70	5.49	29,701.01	1,619.15	10,561.66	9,028.59	172,946.10	166,820.00
1343	96.98	1.1962	4.70	5.49	29,715.49	1,619.94	10,567.16	9,033.29	173,036.10	166,907.00
1344	96.98	1.1962	4.70	5.49	29,729.99	1,620.74	10,572.65	9,037.99	173,126.10	166,994.00
1345	96.98	1.1962	4.66	5.46	29,744.50	1,621.54	10,578.14	9,042.69	173,216.10	167,081.00
1346	96.98	1.1962	4.66	5.45	29,758.81	1,622.32	10,583.55	9,047.31	173,305.00	167,166.70
1347	96.98	1.1962	4.66	5.45	29,773.38	1,623.12	10,589.04	9,052.00	173,395.90	167,254.20
1348	96.98	1.1962	4.70	5.49	29,787.76	1,623.91	10,594.49	9,056.66	173,485.40	167,340.80
1349	96.98	1.1962	4.68	5.47	29,802.41	1,624.72	10,600.05	9,061.41	173,576.50	167,428.80
1350	96.98	1.1962	4.68	5.47	29,816.86	1,625.51	10,605.52	9,066.09	173,666.20	167,515.40

1351	96.98	1.1962	4.67	5.47	29,831.33	1,626.31	10,610.99	9,070.76	173,756.30	167,602.10
1352	96.99	1.1962	4.65	5.44	29,845.61	1,627.09	10,616.37	9,075.36	173,845.40	167,688.00
1353	96.99	1.1962	4.64	5.43	29,860.13	1,627.89	10,621.84	9,080.03	173,936.00	167,775.60
1354	96.99	1.1962	4.70	5.49	29,874.46	1,628.68	10,627.28	9,084.69	174,025.10	167,861.80
1355	96.99	1.1962	4.69	5.49	29,889.05	1,629.48	10,632.81	9,089.42	174,115.80	167,949.40
1356	96.99	1.1962	4.67	5.47	29,903.45	1,630.27	10,638.26	9,094.07	174,205.50	168,035.60
1357	96.99	1.1962	4.65	5.45	29,917.88	1,631.06	10,643.70	9,098.72	174,295.60	168,122.60
1358	96.99	1.1962	4.71	5.50	29,932.34	1,631.86	10,649.20	9,103.42	174,385.70	168,209.80
1359	96.99	1.1962	4.70	5.50	29,946.84	1,632.65	10,654.70	9,108.13	174,475.90	168,296.90
1360	96.99	1.1962	4.67	5.47	29,961.39	1,633.45	10,660.21	9,112.83	174,566.20	168,384.10
1361	96.99	1.1962	4.67	5.47	29,975.72	1,634.24	10,665.62	9,117.46	174,655.50	168,469.90
1362	96.99	1.1962	4.67	5.47	29,990.30	1,635.04	10,671.12	9,122.16	174,746.60	168,557.10
1363	96.99	1.1962	4.67	5.46	30,004.67	1,635.83	10,676.54	9,126.79	174,836.20	168,643.80
1364	96.99	1.1962	4.65	5.45	30,019.30	1,636.63	10,682.06	9,131.51	174,927.20	168,732.00
1365	96.99	1.1962	4.69	5.49	30,033.73	1,637.43	10,687.53	9,136.19	175,016.80	168,818.70
1366	96.99	1.1962	4.69	5.49	30,048.19	1,638.22	10,693.01	9,140.87	175,106.60	168,905.40
1367	96.99	1.1962	4.66	5.45	30,062.67	1,639.02	10,698.48	9,145.55	175,196.50	168,992.20
1368	96.99	1.1962	4.65	5.44	30,076.94	1,639.80	10,703.87	9,150.15	175,285.60	169,077.60
1369	96.99	1.1963	4.65	5.45	30,091.47	1,640.60	10,709.34	9,154.82	175,376.10	169,165.30
1370	97.00	1.1963	4.68	5.47	30,106.03	1,641.40	10,714.84	9,159.53	175,466.70	169,253.00
1371	97.00	1.1963	4.71	5.50	30,120.37	1,642.19	10,720.28	9,164.18	175,555.80	169,339.20
1372	97.00	1.1963	4.68	5.47	30,134.96	1,642.99	10,725.82	9,168.91	175,646.30	169,426.90
1373	97.00	1.1963	4.67	5.46	30,149.35	1,643.78	10,731.26	9,173.56	175,735.80	169,513.20
1374	97.00	1.1963	4.67	5.46	30,163.77	1,644.57	10,736.70	9,178.21	175,825.80	169,599.40
1375	97.00	1.1963	4.68	5.47	30,178.22	1,645.36	10,742.17	9,182.89	175,915.80	169,686.00
1376	97.00	1.1963	4.69	5.48	30,192.69	1,646.16	10,747.67	9,187.59	176,005.80	169,773.20
1377	97.00	1.1963	4.69	5.48	30,207.17	1,646.96	10,753.17	9,192.30	176,095.80	169,860.40
1378	97.00	1.1963	4.69	5.48	30,221.67	1,647.75	10,758.67	9,197.00	176,185.80	169,947.60
1379	97.00	1.1963	4.69	5.48	30,235.94	1,648.54	10,764.08	9,201.62	176,274.60	170,033.30
1380	97.00	1.1963	4.69	5.48	30,250.49	1,649.34	10,769.58	9,206.33	176,365.20	170,120.50
1381	97.00	1.1963	4.67	5.47	30,265.06	1,650.14	10,775.08	9,211.03	176,456.20	170,207.70
1382	97.00	1.1963	4.65	5.44	30,279.40	1,650.92	10,780.49	9,215.65	176,545.60	170,294.00
1383	97.00	1.1963	4.69	5.48	30,294.03	1,651.73	10,786.03	9,220.39	176,636.50	170,382.10
1384	97.00	1.1963	4.68	5.47	30,308.44	1,652.52	10,791.50	9,225.06	176,726.00	170,468.70
1385	97.00	1.1963	4.67	5.46	30,322.87	1,653.31	10,796.97	9,229.74	176,815.80	170,555.40
1386	97.00	1.1963	4.67	5.46	30,337.08	1,654.09	10,802.34	9,234.33	176,904.70	170,640.60
1387	97.00	1.1963	4.67	5.46	30,351.57	1,654.89	10,807.81	9,239.00	176,995.00	170,727.20
1388	97.00	1.1963	4.68	5.47	30,366.08	1,655.69	10,813.31	9,243.70	177,085.30	170,814.40
1389	97.01	1.1963	4.69	5.48	30,380.64	1,656.49	10,818.83	9,248.43	177,175.70	170,901.90
1390	97.01	1.1963	4.68	5.48	30,395.00	1,657.27	10,824.26	9,253.07	177,265.00	170,988.00

1391	97.10	1.1964	4.65	5.44	30,409.39	1,658.07	10,829.69	9,257.71	177,354.80	171,074.10
1392	97.01	1.1963	4.68	5.47	30,423.81	1,658.86	10,835.16	9,262.38	177,444.00	171,159.90
1393	97.01	1.1963	4.68	5.47	30,438.24	1,659.65	10,840.62	9,267.05	177,533.20	171,246.70
1394	97.01	1.1963	4.68	5.47	30,452.83	1,660.45	10,846.13	9,271.76	177,624.20	171,335.00
1395	97.01	1.1963	4.68	5.47	30,467.32	1,661.24	10,851.59	9,276.43	177,714.70	171,422.50
1396	97.01	1.1963	4.62	5.41	30,481.73	1,662.03	10,857.00	9,281.05	177,804.90	171,509.20
1397	97.01	1.1963	4.71	5.51	30,496.12	1,662.82	10,862.47	9,285.73	177,894.30	171,595.20
1398	97.01	1.1963	4.71	5.51	30,510.68	1,663.62	10,868.00	9,290.46	177,984.50	171,681.90
1399	97.01	1.1963	4.66	5.46	30,525.16	1,664.42	10,873.47	9,295.13	178,074.10	171,769.00
1400	97.01	1.1963	4.64	5.43	30,539.58	1,665.21	10,878.89	9,299.77	178,164.30	171,855.90
1401	97.01	1.1963	4.67	5.47	30,554.06	1,666.00	10,884.35	9,304.43	178,254.50	171,942.70
1402	97.01	1.1963	4.71	5.51	30,568.56	1,666.80	10,889.88	9,309.16	178,344.80	172,029.60
1403	97.01	1.1963	4.68	5.47	30,582.98	1,667.59	10,895.36	9,313.84	178,434.20	172,115.60
1404	97.01	1.1963	4.67	5.47	30,597.48	1,668.39	10,900.83	9,318.53	178,524.00	172,202.60
1405	97.01	1.1963	4.66	5.46	30,611.90	1,669.18	10,906.26	9,323.16	178,614.20	172,289.50
1406	97.01	1.1963	4.62	5.41	30,626.35	1,669.98	10,911.70	9,327.81	178,704.50	172,376.50
1407	97.01	1.1963	4.71	5.50	30,640.74	1,670.77	10,917.18	9,332.50	178,794.00	172,462.60
1408	97.01	1.1963	4.70	5.50	30,655.22	1,671.56	10,922.66	9,337.18	178,883.60	172,548.70
1409	97.01	1.1963	4.65	5.45	30,669.77	1,672.36	10,928.14	9,341.86	178,974.40	172,636.10
1410	97.02	1.1963	4.63	5.43	30,684.21	1,673.16	10,933.57	9,346.50	179,064.60	172,723.00
1411	97.02	1.1963	4.67	5.46	30,698.68	1,673.95	10,939.03	9,351.16	179,154.90	172,810.00
1412	97.02	1.1963	4.73	5.53	30,713.20	1,674.75	10,944.56	9,355.89	179,245.10	172,896.90
1413	97.02	1.1963	4.68	5.47	30,727.64	1,675.54	10,950.04	9,360.58	179,334.50	172,983.10
1414	97.02	1.1963	4.67	5.46	30,741.99	1,676.33	10,955.47	9,365.22	179,424.00	173,069.00
1415	97.02	1.1963	4.66	5.46	30,756.54	1,677.13	10,960.94	9,369.89	179,515.00	173,156.70
1416	97.02	1.1963	4.66	5.46	30,771.11	1,677.93	10,966.42	9,374.57	179,606.00	173,244.50
1417	97.02	1.1963	4.68	5.48	30,785.56	1,678.73	10,971.89	9,379.24	179,696.10	173,331.40
1418	97.02	1.1963	4.70	5.49	30,799.95	1,679.52	10,977.36	9,383.93	179,785.30	173,417.50
1419	97.02	1.1963	4.70	5.49	30,814.50	1,680.31	10,982.89	9,388.66	179,875.50	173,504.40
1420	97.02	1.1963	4.70	5.49	30,828.97	1,681.11	10,988.36	9,393.33	179,965.10	173,591.10
1421	97.02	1.1963	4.64	5.43	30,843.32	1,681.90	10,993.78	9,397.96	180,055.00	173,677.90
1422	97.02	1.1963	4.63	5.43	30,857.75	1,682.69	10,999.20	9,402.59	180,144.90	173,764.70
1423	97.02	1.1963	4.72	5.52	30,872.36	1,683.49	11,004.76	9,407.35	180,235.80	173,852.40
1424	97.02	1.1963	4.70	5.50	30,886.72	1,684.28	11,010.22	9,412.03	180,324.80	173,938.30
1425	97.02	1.1963	4.66	5.46	30,901.14	1,685.07	11,015.68	9,416.69	180,414.20	174,024.30
1426	97.02	1.1963	4.66	5.46	30,915.59	1,685.87	11,021.15	9,421.36	180,504.20	174,110.80
1427	97.02	1.1963	4.66	5.46	30,930.09	1,686.67	11,026.61	9,426.03	180,594.80	174,198.30
1428	97.02	1.1963	4.69	5.49	30,944.63	1,687.46	11,032.10	9,430.72	180,685.40	174,285.80
1429	97.03	1.1963	4.71	5.50	30,959.07	1,688.26	11,037.61	9,435.44	180,775.10	174,372.40
1430	97.03	1.1963	4.70	5.49	30,973.40	1,689.04	11,043.06	9,440.10	180,863.90	174,458.20

1431	97.03	1.1963	4.69	5.49	30,987.93	1,689.84	11,048.56	9,444.80	180,954.30	174,545.20
1432	97.03	1.1963	4.65	5.44	31,002.39	1,690.63	11,054.01	9,449.46	181,044.70	174,632.50
1433	97.03	1.1963	4.63	5.42	31,016.87	1,691.43	11,059.46	9,454.11	181,135.00	174,719.70
1434	97.03	1.1963	4.63	5.42	31,031.22	1,692.22	11,064.85	9,458.72	181,224.40	174,806.10
1435	97.03	1.1963	4.68	5.48	31,045.76	1,693.01	11,070.36	9,463.42	181,314.80	174,893.40
1436	97.03	1.1963	4.72	5.52	31,060.21	1,693.81	11,075.84	9,468.12	181,404.20	174,979.80
1437	97.03	1.1963	4.66	5.45	31,074.55	1,694.60	11,081.28	9,472.76	181,493.40	175,065.30
1438	97.03	1.1963	4.66	5.45	31,089.10	1,695.40	11,086.76	9,477.45	181,584.30	175,153.10
1439	97.03	1.1963	4.66	5.45	31,103.54	1,696.19	11,092.19	9,482.09	181,674.30	175,240.10
1440	97.03	1.1963	4.71	5.51	31,118.05	1,696.99	11,097.70	9,486.80	181,764.30	175,327.10
1441	97.03	1.1963	4.69	5.48	31,132.45	1,697.78	11,103.17	9,491.47	181,853.60	175,413.20
1442	97.03	1.1963	4.68	5.48	31,147.04	1,698.58	11,108.70	9,496.19	181,944.40	175,500.20
1443	97.03	1.1963	4.68	5.48	31,161.52	1,699.38	11,114.16	9,500.87	182,034.80	175,587.30
1444	97.03	1.1963	4.68	5.47	31,175.92	1,700.17	11,119.62	9,505.54	182,124.30	175,673.90
1445	97.03	1.1963	4.71	5.51	31,190.37	1,700.96	11,125.12	9,510.24	182,213.90	175,760.60
1446	97.03	1.1963	4.71	5.51	31,204.84	1,701.76	11,130.63	9,514.95	182,303.50	175,847.20
1447	97.04	1.1963	4.69	5.49	31,219.35	1,702.56	11,136.13	9,519.65	182,394.00	175,933.90
1448	97.04	1.1963	4.66	5.45	31,233.76	1,703.35	11,141.57	9,524.30	182,484.10	176,020.80
1449	97.04	1.1963	4.66	5.45	31,248.20	1,704.14	11,147.01	9,528.96	182,574.20	176,107.90
1450	97.04	1.1963	4.65	5.45	31,262.68	1,704.94	11,152.46	9,533.60	182,664.30	176,195.10
1451	97.04	1.1963	4.74	5.54	31,277.35	1,705.74	11,158.05	9,538.39	182,755.40	176,283.20
1452	97.04	1.1963	4.69	5.48	31,291.78	1,706.54	11,163.52	9,543.07	182,844.90	176,369.50
1453	97.04	1.1963	4.68	5.48	31,306.24	1,707.33	11,169.00	9,547.75	182,935.10	176,455.80
1454	97.04	1.1963	4.68	5.48	31,320.72	1,708.12	11,174.47	9,552.43	183,025.60	176,542.20
1455	97.04	1.1963	4.67	5.47	31,335.25	1,708.92	11,179.95	9,557.11	183,116.10	176,629.90
1456	97.04	1.1963	4.67	5.46	31,349.65	1,709.72	11,185.40	9,561.77	183,205.70	176,716.70
1457	97.04	1.1963	4.71	5.50	31,364.08	1,710.51	11,190.91	9,566.48	183,295.30	176,803.40
1458	97.04	1.1963	4.71	5.50	31,378.57	1,711.31	11,196.41	9,571.19	183,385.60	176,890.10
1459	97.04	1.1963	4.67	5.46	31,392.95	1,712.10	11,201.85	9,575.84	183,475.50	176,975.90
1460	97.04	1.1963	4.65	5.44	31,407.36	1,712.89	11,207.30	9,580.49	183,565.50	177,062.50
1461	97.04	1.1963	4.65	5.44	31,421.81	1,713.68	11,212.74	9,585.14	183,655.50	177,149.70
1462	97.04	1.1963	4.72	5.52	31,436.31	1,714.48	11,218.26	9,589.86	183,745.50	177,236.80
1463	97.04	1.1963	4.73	5.52	31,450.86	1,715.28	11,223.79	9,594.59	183,835.50	177,324.00
1464	97.04	1.1963	4.68	5.47	31,465.29	1,716.07	11,229.26	9,599.27	183,925.10	177,410.30
1465	97.04	1.1963	4.67	5.47	31,479.80	1,716.87	11,234.72	9,603.94	184,015.50	177,497.90
1466	97.04	1.1963	4.68	5.48	31,494.34	1,717.67	11,240.22	9,608.63	184,105.90	177,585.50
1467	97.04	1.1963	4.71	5.50	31,508.79	1,718.46	11,245.71	9,613.34	184,195.30	177,672.10
1468	97.04	1.1963	4.70	5.50	31,523.27	1,719.25	11,251.21	9,618.04	184,285.50	177,758.70
1469	97.05	1.1963	4.68	5.48	31,537.81	1,720.05	11,256.70	9,622.73	184,376.20	177,845.40
1470	97.05	1.1963	4.65	5.44	31,552.21	1,720.84	11,262.13	9,627.37	184,466.00	177,931.30

1471	97.05	1.1963	4.65	5.44	31,566.65	1,721.64	11,267.56	9,632.01	184,555.70	178,018.30
1472	97.05	1.1963	4.69	5.48	31,581.11	1,722.43	11,273.03	9,636.68	184,645.40	178,105.30
1473	97.05	1.1964	4.73	5.52	31,595.61	1,723.23	11,278.55	9,641.40	184,735.20	178,192.30
1474	97.05	1.1964	4.72	5.52	31,610.13	1,724.02	11,284.06	9,646.12	184,825.10	178,279.30
1475	97.05	1.1964	4.67	5.47	31,624.69	1,724.82	11,289.58	9,650.84	184,915.60	178,366.30
1476	97.05	1.1964	4.67	5.47	31,639.10	1,725.62	11,295.03	9,655.50	185,005.70	178,452.30
1477	97.05	1.1964	4.67	5.47	31,653.56	1,726.41	11,300.48	9,660.15	185,095.70	178,539.30
1478	97.05	1.1964	4.67	5.47	31,668.04	1,727.21	11,305.94	9,664.81	185,185.70	178,626.70
1479	97.05	1.1964	4.62	5.41	31,682.55	1,728.00	11,311.39	9,669.47	185,275.80	178,714.00
1480	97.05	1.1964	4.68	5.48	31,696.93	1,728.79	11,316.84	9,674.13	185,364.80	178,800.40
1481	97.05	1.1964	4.70	5.49	31,711.37	1,729.59	11,322.32	9,678.81	185,454.70	178,886.70
1482	97.05	1.1964	4.67	5.47	31,725.84	1,730.38	11,327.79	9,683.49	185,545.00	178,973.00
1483	97.05	1.1964	4.65	5.44	31,740.36	1,731.18	11,333.26	9,688.16	185,635.30	179,060.40
1484	97.05	1.1964	4.64	5.44	31,754.74	1,731.97	11,338.67	9,692.78	185,724.50	179,147.00
1485	97.05	1.1964	4.64	5.44	31,769.30	1,732.77	11,344.14	9,697.46	185,814.90	179,234.70
1486	97.05	1.1964	4.71	5.50	31,783.69	1,733.56	11,349.61	9,702.14	185,904.10	179,321.30
1487	97.05	1.1964	4.72	5.52	31,798.30	1,734.36	11,355.17	9,706.89	185,994.60	179,409.00
1488	97.05	1.1964	4.67	5.46	31,812.60	1,735.15	11,360.59	9,711.52	186,083.50	179,494.60
1489	97.06	1.1964	4.67	5.46	31,827.10	1,735.95	11,366.08	9,716.21	186,174.10	179,581.20
1490	97.06	1.1964	4.67	5.46	31,841.48	1,736.74	11,371.50	9,720.85	186,263.50	179,667.50
1491	97.06	1.1964	4.67	5.46	31,856.07	1,737.54	11,376.99	9,725.54	186,354.10	179,755.40
1492	97.06	1.1964	4.69	5.48	31,870.52	1,738.33	11,382.47	9,730.22	186,443.60	179,842.30
1493	97.06	1.1964	4.69	5.49	31,885.00	1,739.13	11,387.98	9,734.93	186,533.50	179,929.20
1494	97.06	1.1964	4.69	5.49	31,899.53	1,739.93	11,393.49	9,739.64	186,624.20	180,016.10
1495	97.06	1.1964	4.66	5.45	31,913.93	1,740.72	11,398.92	9,744.29	186,713.90	180,102.70
1496	97.06	1.1964	4.67	5.46	31,928.38	1,741.51	11,404.39	9,748.96	186,803.50	180,189.80
1497	97.06	1.1964	4.72	5.51	31,942.87	1,742.31	11,409.91	9,753.68	186,893.50	180,277.00
1498	97.06	1.1964	4.69	5.49	31,957.23	1,743.10	11,415.36	9,758.34	186,983.00	180,363.00
1499	97.06	1.1964	4.67	5.46	31,971.63	1,743.89	11,420.81	9,763.00	187,072.90	180,449.10
1500	97.06	1.1964	4.67	5.46	31,986.07	1,744.68	11,426.27	9,767.66	187,162.70	180,535.90
1501	97.06	1.1964	4.67	5.46	32,000.53	1,745.48	11,431.72	9,772.32	187,252.60	180,622.80
1502	97.06	1.1964	4.66	5.46	32,015.18	1,746.28	11,437.24	9,777.04	187,343.60	180,710.90
1503	97.06	1.1964	4.70	5.50	32,029.68	1,747.08	11,442.73	9,781.73	187,433.40	180,798.20
1504	97.06	1.1964	4.70	5.49	32,044.04	1,747.87	11,448.19	9,786.40	187,522.60	180,884.50
1505	97.06	1.1964	4.69	5.48	32,058.43	1,748.66	11,453.65	9,791.07	187,612.40	180,970.70
1506	97.06	1.1964	4.69	5.48	32,073.05	1,749.46	11,459.18	9,795.80	187,703.50	181,058.00
1507	97.06	1.1964	4.65	5.45	32,087.55	1,750.26	11,464.64	9,800.47	187,793.50	181,145.10
1508	97.06	1.1964	4.66	5.46	32,101.90	1,751.05	11,470.07	9,805.10	187,882.40	181,231.50
1509	97.07	1.1964	4.71	5.51	32,116.46	1,751.85	11,475.61	9,809.84	187,972.80	181,319.00
1510	97.07	1.1964	4.71	5.51	32,130.86	1,752.64	11,481.08	9,814.52	188,062.60	181,405.40

1511	97.07	1.1964	4.67	5.46	32,145.30	1,753.43	11,486.55	9,819.20	188,152.70	181,491.80
1512	97.07	1.1964	4.66	5.45	32,159.79	1,754.23	11,492.02	9,823.87	188,242.80	181,578.90
1513	97.07	1.1964	4.68	5.47	32,174.35	1,755.03	11,497.51	9,828.56	188,332.90	181,666.50
1514	97.07	1.1964	4.71	5.50	32,188.75	1,755.82	11,502.99	9,833.25	188,422.40	181,753.10
1515	97.07	1.1964	4.69	5.48	32,203.19	1,756.61	11,508.46	9,837.94	188,512.40	181,839.60
1516	97.07	1.1964	4.69	5.48	32,217.64	1,757.40	11,513.94	9,842.62	188,602.60	181,926.10
1517	97.07	1.1964	4.68	5.48	32,232.12	1,758.20	11,519.42	9,847.30	188,692.80	182,012.70
1518	97.07	1.1964	4.65	5.44	32,246.64	1,759.00	11,524.90	9,851.98	188,783.00	182,100.00
1519	97.07	1.1964	4.63	5.43	32,261.01	1,759.79	11,530.31	9,856.60	188,872.00	182,186.60
1520	97.07	1.1964	4.69	5.48	32,275.39	1,760.58	11,535.77	9,861.27	188,961.00	182,273.30

SURVEY No. 5

Time (days) 1520.005
Incremental Time (hours) 18.651
production Rate (gpm) 2.532
Injection Rate (gpm) 2.625
Injection/Production Ratio (gal/gal) 1.037
Mass Balance 1.000

Cell No.	Cell Height (feet)	Depth (feet)	Radius (feet)	Cavity Brine (sp. gravity)	Plume Brine (sp. gravity)	Plume Flow (gpm)	Inclination (degrees)	Cell Volume (barrels)	Cumm. Volume (barrels)
105	104.5	485.5	14.40	1.1965	1.1963	34.39	87	116.11	116.11
104	103.5	486.5	14.36	1.1966	1.1965	79.90	91	115.43	231.53
103	102.5	487.5	14.46	1.1967	1.1966	125.70	96	116.95	348.49
102	101.5	488.5	14.58	1.1967	1.1966	172.42	97	118.89	467.38
101	100.5	489.5	14.73	1.1967	1.1966	172.30	98	121.34	588.72
100	99.5	490.5	14.89	1.1968	1.1966	172.16	99	124.03	712.75
99	98.5	491.5	15.07	1.1968	1.1966	172.00	100	127.00	839.75
98	97.5	492.5	15.26	1.1968	1.1966	171.82	101	130.27	970.02
97	96.5	493.5	15.47	1.1969	1.1966	171.61	101	133.83	1,103.84
96	95.5	494.5	15.68	1.1969	1.1966	171.38	102	137.59	1,241.43
95	94.5	495.5	15.90	1.1969	1.1966	171.12	102	141.46	1,382.90
94	93.5	496.5	16.12	1.1969	1.1966	170.84	102	145.42	1,528.32
93	92.5	497.5	16.35	1.1970	1.1966	170.54	102	149.50	1,677.81
92	91.5	498.5	16.57	1.1970	1.1966	170.21	102	153.69	1,831.50
91	90.5	499.5	16.80	1.1970	1.1966	169.85	102	157.86	1,989.37
90	89.5	500.5	17.01	1.1971	1.1966	169.47	102	161.88	2,151.24

89	88.5	501.5	17.23	1.1971	1.1966	169.07	102	166.10	2,317.34
88	87.5	502.5	17.45	1.1971	1.1966	168.64	102	170.39	2,487.73
87	86.5	503.5	17.68	1.1972	1.1966	168.19	102	174.83	2,662.56
86	85.5	504.5	17.91	1.1972	1.1966	167.71	103	179.48	2,842.03
85	84.5	505.5	18.17	1.1972	1.1966	167.20	104	184.64	3,026.68
84	83.5	506.5	18.42	1.1973	1.1966	166.67	104	189.89	3,216.57
83	82.5	507.5	18.67	1.1973	1.1966	166.11	103	195.05	3,411.62
82	81.5	508.5	18.91	1.1973	1.1966	165.53	103	200.07	3,611.69
81	80.5	509.5	19.14	1.1974	1.1966	164.91	102	204.95	3,816.64
80	79.5	510.5	19.36	1.1974	1.1966	164.27	102	209.79	4,026.44
79	78.5	511.5	19.58	1.1974	1.1966	163.61	102	214.62	4,241.05
78	77.5	512.5	19.80	1.1975	1.1966	162.91	102	219.38	4,460.43
77	76.5	513.5	20.01	1.1975	1.1966	162.19	102	224.15	4,684.58
76	75.5	514.5	20.23	1.1975	1.1966	161.44	101	229.00	4,913.58
75	74.5	515.5	20.44	1.1976	1.1966	160.67	101	233.77	5,147.35
74	73.5	516.5	20.65	1.1976	1.1965	159.86	101	238.62	5,385.97
73	72.5	517.5	20.86	1.1976	1.1965	159.03	101	243.42	5,629.40
72	71.5	518.5	21.06	1.1977	1.1965	158.17	100	248.10	5,877.49
71	70.5	519.5	21.25	1.1977	1.1965	157.28	100	252.55	6,130.04
70	69.5	520.5	21.44	1.1977	1.1965	156.36	100	257.17	6,387.21
69	68.5	521.5	21.63	1.1978	1.1965	155.41	101	261.87	6,649.09
68	67.5	522.5	21.83	1.1978	1.1965	154.44	100	266.61	6,915.69
67	66.5	523.5	22.00	1.1978	1.1965	153.43	99	270.82	7,186.51
66	65.5	524.5	22.16	1.1979	1.1965	152.40	99	274.75	7,461.26
65	64.5	525.5	22.32	1.1979	1.1965	151.34	99	278.72	7,739.98
64	63.5	526.5	22.49	1.1979	1.1965	150.25	99	283.11	8,023.09
63	62.5	527.5	22.65	1.1980	1.1965	149.12	99	287.16	8,310.24
62	61.5	528.5	22.82	1.1980	1.1964	147.97	99	291.34	8,601.59
61	60.5	529.5	22.98	1.1981	1.1964	146.79	98	295.44	8,897.02
60	59.5	530.5	23.13	1.1981	1.1964	145.58	99	299.45	9,196.47
59	58.5	531.5	23.30	1.1981	1.1964	144.34	99	303.69	9,500.16
58	57.5	532.5	23.45	1.1982	1.1964	143.07	99	307.81	9,807.97
57	56.5	533.5	23.62	1.1982	1.1964	141.77	98	312.12	10,120.09
56	55.5	534.5	23.77	1.1982	1.1964	140.44	98	316.18	10,436.26
55	54.5	535.5	23.92	1.1983	1.1963	139.08	98	320.08	10,756.34
54	53.5	536.5	24.06	1.1983	1.1963	137.69	97	323.91	11,080.25
53	52.5	537.5	24.20	1.1984	1.1963	136.27	97	327.63	11,407.89
52	51.5	538.5	24.32	1.1984	1.1963	134.82	96	331.07	11,738.95
51	50.5	539.5	24.44	1.1984	1.1962	133.33	95	334.11	12,073.06
50	49.5	540.5	24.53	1.1985	1.1962	131.82	95	336.79	12,409.85

49	48.5	541.5	24.63	1.1985	1.1962	130.27	95	339.55	12,749.40
48	47.5	542.5	24.73	1.1986	1.1962	128.70	95	342.18	13,091.58
47	46.5	543.5	24.82	1.1986	1.1961	127.09	94	344.67	13,436.26
46	45.5	544.5	24.90	1.1986	1.1961	125.45	94	347.02	13,783.28
45	44.5	545.5	24.98	1.1987	1.1961	123.78	94	349.19	14,132.47
44	43.5	546.5	25.05	1.1987	1.1960	122.08	93	351.23	14,483.70
43	42.5	547.5	25.12	1.1988	1.1960	120.34	93	352.99	14,836.69
42	41.5	548.5	25.17	1.1988	1.1959	118.57	92	354.52	15,191.20
41	40.5	549.5	25.22	1.1988	1.1959	116.77	92	355.91	15,547.12
40	39.5	550.5	25.27	1.1989	1.1959	114.94	92	357.22	15,904.34
39	38.5	551.5	25.32	1.1989	1.1958	113.08	92	358.61	16,262.95
38	37.5	552.5	25.36	1.1990	1.1957	111.18	92	359.84	16,622.79
37	36.5	553.5	25.40	1.1990	1.1957	109.25	92	360.93	16,983.72
36	35.5	554.5	25.44	1.1990	1.1956	107.28	92	362.16	17,345.88
35	34.5	555.5	25.48	1.1991	1.1956	105.28	92	363.37	17,709.24
34	33.5	556.5	25.52	1.1991	1.1955	103.25	92	364.46	18,073.70
33	32.5	557.5	25.56	1.1992	1.1954	101.18	92	365.60	18,439.30
32	31.5	558.5	25.62	1.1992	1.1953	99.08	93	367.18	18,806.48
31	30.5	559.5	25.68	1.1993	1.1953	96.94	93	368.94	19,175.43
30	29.5	560.5	25.75	1.1993	1.1952	94.76	94	370.98	19,546.41
29	28.5	561.5	25.83	1.1993	1.1951	92.55	94	373.33	19,919.74
28	27.5	562.5	25.91	1.1994	1.1949	90.30	95	375.74	20,295.47
27	26.5	563.5	26.02	1.1994	1.1948	88.01	95	378.70	20,674.17
26	25.5	564.5	26.12	1.1995	1.1947	85.68	96	381.73	21,055.90
25	24.5	565.5	26.24	1.1995	1.1946	83.31	96	385.17	21,441.07
24	23.5	566.5	26.36	1.1996	1.1944	80.90	97	388.85	21,829.91
23	22.5	567.5	26.50	1.1996	1.1943	78.44	97	392.86	22,222.77
22	21.5	568.5	26.64	1.1997	1.1941	75.95	98	397.17	22,619.94
21	20.5	569.5	26.79	1.1997	1.1939	73.40	98	401.68	23,021.63
20	19.5	570.5	26.96	1.1998	1.1937	70.81	99	406.66	23,428.29
19	18.5	571.5	27.13	1.1998	1.1934	68.17	99	411.76	23,840.05
18	17.5	572.5	27.31	1.1999	1.1932	65.48	100	417.32	24,257.37
17	16.5	573.5	27.50	1.1999	1.1929	62.74	100	423.07	24,680.44
16	15.5	574.5	27.70	1.2000	1.1925	59.94	101	429.21	25,109.65
15	14.5	575.5	27.90	1.2000	1.1922	57.08	101	435.43	25,545.08
14	13.5	576.5	28.11	1.2001	1.1917	54.15	102	442.17	25,987.25
13	12.5	577.5	28.32	1.2001	1.1912	51.16	102	448.83	26,436.09
12	11.5	578.5	28.54	1.2002	1.1907	48.10	102	455.86	26,891.95
11	10.5	579.5	28.77	1.2003	1.1900	44.96	102	463.07	27,355.01
10	9.5	580.5	28.98	1.2003	1.1892	41.73	102	470.06	27,825.08

9	8.5	581.5	29.21	1.2004	1.1882	38.41	102	477.32	28,302.40
8	7.5	582.5	29.42	1.2005	1.1870	34.98	101	484.41	28,786.81
7	6.5	583.5	29.63	1.2006	1.1855	31.43	100	491.11	29,277.92
6	5.5	584.5	29.80	1.2007	1.1834	27.73	99	497.02	29,774.94
5	4.5	585.5	29.95	1.2007	1.1806	23.85	97	502.08	30,277.02
4	3.5	586.5	30.06	1.2008	1.1763	19.75	93	505.52	30,782.53
3	2.5	587.5	30.06	1.2010	1.1691	15.32	85	505.63	31,288.16
2	1.5	588.5	29.91	1.2011	1.1535	10.35	74	500.70	31,788.86
1	0.5	589.5	29.49	1.2013	1.0000	2.63	66	486.53	32,275.39

Time (days)	Produced Brine (% sat.)	Produced Brine (sp. gr.)	Daily Salt Production (tons/day)	Daily Salt Dissolution (tons/day)	Cavity Volume (barrels)	Salt in Solution (tons)	Total Salt Dissolved (tons)	Total Salt Produced (tons)	Total Water Injected (barrels)	Total Brine Produced (barrels)
1521	96.01	1.1944	16.36	6.66	32,293.03	1,750.86	11,542.44	9,877.66	189,273.80	182,579.00
1522	95.39	1.1932	16.26	8.61	32,315.74	1,743.23	11,551.04	9,893.89	189,585.80	182,883.50
1523	94.96	1.1924	16.20	10.24	32,342.74	1,737.29	11,561.26	9,910.05	189,899.10	183,189.30
1524	94.62	1.1918	16.16	11.63	32,373.40	1,732.77	11,572.87	9,926.18	190,213.20	183,495.50
1525	94.33	1.1912	16.14	12.82	32,407.51	1,729.43	11,585.78	9,942.44	190,531.40	183,804.50
1526	94.09	1.1908	15.92	13.65	32,443.34	1,727.17	11,599.34	9,958.25	190,842.50	184,107.00
1527	93.90	1.1904	15.92	14.49	32,481.73	1,725.74	11,613.87	9,974.22	191,157.40	184,412.30
1528	93.74	1.1901	15.94	15.22	32,522.05	1,725.02	11,629.13	9,990.20	191,473.30	184,718.70
1529	93.61	1.1899	15.96	15.84	32,563.63	1,724.89	11,644.87	10,006.06	191,787.80	185,022.90
1530	93.50	1.1897	15.99	16.36	32,606.98	1,725.26	11,661.28	10,022.10	192,106.30	185,331.40
1531	93.42	1.1895	15.83	16.60	32,650.69	1,726.03	11,677.83	10,037.88	192,419.70	185,634.50
1532	93.34	1.1894	15.85	16.95	32,695.79	1,727.14	11,694.90	10,053.84	192,737.70	185,942.20
1533	93.29	1.1893	15.89	17.27	32,741.34	1,728.52	11,712.14	10,069.70	193,053.70	186,248.10
1534	93.24	1.1892	15.93	17.55	32,787.57	1,730.13	11,729.65	10,085.60	193,370.50	186,554.60
1535	93.21	1.1891	15.81	17.60	32,833.98	1,731.91	11,747.22	10,101.38	193,685.50	186,858.80
1536	93.18	1.1890	15.79	17.72	32,880.88	1,733.85	11,764.97	10,117.20	194,001.10	187,164.20
1537	93.15	1.1890	15.83	17.89	32,928.23	1,735.92	11,782.90	10,133.06	194,318.00	187,470.30
1538	93.13	1.1890	15.85	18.02	32,975.96	1,738.10	11,800.96	10,148.94	194,635.30	187,777.40
1539	93.12	1.1889	15.91	18.17	33,023.60	1,740.34	11,818.99	10,164.73	194,951.20	188,082.50
1540	93.11	1.1889	15.85	18.17	33,072.00	1,742.68	11,837.32	10,180.73	195,270.30	188,391.30
1541	93.10	1.1889	15.80	18.17	33,119.83	1,745.04	11,855.42	10,196.47	195,585.00	188,695.30
1542	93.09	1.1889	15.84	18.26	33,167.91	1,747.45	11,873.62	10,212.25	195,901.00	189,000.10
1543	93.09	1.1889	15.90	18.36	33,216.66	1,749.93	11,892.09	10,228.24	196,220.30	189,308.80
1544	93.09	1.1889	15.90	18.39	33,265.18	1,752.42	11,910.46	10,244.12	196,537.80	189,615.20
1545	93.09	1.1889	15.76	18.26	33,313.45	1,754.93	11,928.71	10,259.87	196,853.20	189,919.90

1546	93.08	1.1889	15.81	18.34	33,361.93	1,757.46	11,947.05	10,275.67	197,169.80	190,225.50
1547	93.08	1.1889	15.86	18.42	33,410.58	1,760.01	11,965.46	10,291.53	197,486.80	190,532.30
1548	93.09	1.1889	15.90	18.47	33,459.40	1,762.58	11,983.93	10,307.43	197,805.10	190,839.60
1549	93.09	1.1889	15.78	18.35	33,507.91	1,765.15	12,002.29	10,323.22	198,120.90	191,145.10
1550	93.09	1.1889	15.82	18.39	33,556.59	1,767.74	12,020.74	10,339.08	198,437.80	191,451.20
1551	93.09	1.1889	15.85	18.45	33,604.96	1,770.31	12,039.06	10,354.83	198,752.60	191,755.40
1552	93.09	1.1889	15.90	18.51	33,654.00	1,772.92	12,057.62	10,370.78	199,071.50	192,063.90
1553	93.10	1.1889	15.75	18.34	33,702.25	1,775.50	12,075.87	10,386.45	199,385.40	192,366.70
1554	93.10	1.1889	15.78	18.38	33,751.13	1,778.11	12,094.35	10,402.32	199,703.10	192,674.00
1555	93.10	1.1889	15.86	18.47	33,799.69	1,780.71	12,112.75	10,418.12	200,018.70	192,979.00
1556	93.10	1.1889	15.86	18.48	33,848.86	1,783.35	12,131.34	10,434.07	200,338.70	193,288.00
1557	93.11	1.1889	15.86	18.47	33,897.68	1,785.96	12,149.83	10,449.96	200,655.90	193,594.70
1558	93.11	1.1889	15.78	18.39	33,946.19	1,788.56	12,168.20	10,465.72	200,971.40	193,899.30
1559	93.11	1.1889	15.83	18.45	33,994.89	1,791.17	12,186.62	10,481.53	201,287.70	194,204.50
1560	93.12	1.1889	15.91	18.53	34,043.76	1,793.80	12,205.13	10,497.42	201,604.90	194,510.70
1561	93.12	1.1889	15.77	18.38	34,092.30	1,796.40	12,223.51	10,513.18	201,920.30	194,815.20
1562	93.12	1.1889	15.80	18.42	34,140.98	1,799.02	12,241.94	10,529.00	202,236.50	195,120.40
1563	93.13	1.1889	15.83	18.45	34,189.80	1,801.64	12,260.41	10,544.85	202,553.70	195,426.70
1564	93.13	1.1890	15.88	18.51	34,238.77	1,804.28	12,278.94	10,560.75	202,871.70	195,734.20
1565	93.13	1.1890	15.80	18.41	34,287.44	1,806.89	12,297.37	10,576.56	203,187.50	196,039.40
1566	93.13	1.1890	15.77	18.39	34,335.73	1,809.49	12,315.62	10,592.22	203,501.30	196,342.60
1567	93.14	1.1890	15.84	18.46	34,384.66	1,812.12	12,334.14	10,608.11	203,818.70	196,649.20
1568	93.14	1.1890	15.87	18.50	34,433.71	1,814.75	12,352.70	10,624.03	204,137.20	196,957.00
1569	93.14	1.1890	15.81	18.43	34,482.43	1,817.37	12,371.15	10,639.85	204,453.70	197,262.80
1570	93.15	1.1890	15.77	18.39	34,530.78	1,819.98	12,389.43	10,655.54	204,767.50	197,565.90
1571	93.15	1.1890	15.83	18.45	34,579.77	1,822.61	12,407.98	10,671.45	205,085.80	197,873.10
1572	93.15	1.1890	15.88	18.50	34,628.41	1,825.23	12,426.38	10,687.24	205,401.70	198,177.70
1573	93.16	1.1890	15.82	18.44	34,677.23	1,827.85	12,444.83	10,703.06	205,718.50	198,483.90
1574	93.16	1.1890	15.80	18.42	34,726.21	1,830.48	12,463.37	10,718.97	206,036.40	198,790.70
1575	93.16	1.1890	15.84	18.46	34,774.80	1,833.10	12,481.76	10,734.75	206,351.40	199,095.20
1576	93.17	1.1890	15.89	18.52	34,823.51	1,835.72	12,500.21	10,750.57	206,667.70	199,401.00
1577	93.17	1.1890	15.91	18.54	34,872.39	1,838.35	12,518.73	10,766.46	206,985.20	199,707.30
1578	93.17	1.1890	15.80	18.41	34,921.43	1,840.99	12,537.29	10,782.38	207,303.50	200,014.80
1579	93.18	1.1890	15.86	18.49	34,970.09	1,843.61	12,555.73	10,798.20	207,619.60	200,320.10
1580	93.18	1.1891	15.86	18.49	35,018.87	1,846.23	12,574.17	10,814.02	207,935.90	200,625.90
1581	93.18	1.1891	15.85	18.47	35,067.81	1,848.86	12,592.70	10,829.92	208,253.50	200,932.40
1582	93.19	1.1891	15.79	18.41	35,116.40	1,851.48	12,611.08	10,845.68	208,568.70	201,236.40
1583	93.19	1.1891	15.83	18.46	35,165.11	1,854.10	12,629.51	10,861.49	208,884.50	201,541.80
1584	93.19	1.1891	15.90	18.53	35,213.96	1,856.73	12,648.01	10,877.36	209,201.50	201,847.60
1585	93.20	1.1891	15.90	18.53	35,262.96	1,859.36	12,666.54	10,893.26	209,519.20	202,154.60

1586	93.20	1.1891	15.82	18.43	35,311.54	1,861.98	12,684.96	10,909.07	209,834.50	202,459.20
1587	93.20	1.1891	15.81	18.43	35,360.77	1,864.62	12,703.57	10,925.03	210,153.40	202,767.70
1588	93.21	1.1891	15.89	18.52	35,409.59	1,867.25	12,722.08	10,940.91	210,470.20	203,073.50
1589	93.21	1.1891	15.92	18.55	35,458.55	1,869.89	12,740.61	10,956.81	210,787.70	203,380.10
1590	93.21	1.1891	15.83	18.45	35,507.08	1,872.50	12,759.01	10,972.59	211,102.60	203,684.50
1591	93.22	1.1891	15.80	18.42	35,555.75	1,875.12	12,777.42	10,988.38	211,418.50	203,989.50
1592	93.22	1.1891	15.87	18.49	35,604.55	1,877.75	12,795.90	11,004.24	211,734.80	204,295.60
1593	93.22	1.1891	15.90	18.54	35,653.50	1,880.38	12,814.43	11,020.13	212,052.50	204,601.80
1594	93.23	1.1891	15.88	18.51	35,702.57	1,883.02	12,833.00	11,036.07	212,370.70	204,909.30
1595	93.23	1.1891	15.83	18.45	35,751.25	1,885.64	12,851.45	11,051.90	212,686.40	205,214.00
1596	93.23	1.1892	15.85	18.48	35,800.06	1,888.26	12,869.92	11,067.74	213,003.00	205,519.70
1597	93.24	1.1892	15.92	18.55	35,848.99	1,890.90	12,888.47	11,083.66	213,320.10	205,826.20
1598	93.24	1.1892	15.88	18.51	35,897.54	1,893.51	12,906.86	11,099.43	213,635.10	206,130.50
1599	93.24	1.1892	15.82	18.44	35,946.25	1,896.13	12,925.29	11,115.24	213,950.90	206,435.70
1600	93.24	1.1892	15.87	18.50	35,995.11	1,898.76	12,943.79	11,131.12	214,267.50	206,741.90
1601	93.25	1.1892	15.89	18.52	36,044.09	1,901.40	12,962.32	11,147.00	214,585.20	207,048.50
1602	93.25	1.1892	15.80	18.41	36,093.22	1,904.04	12,980.93	11,162.97	214,903.70	207,356.40
1603	93.25	1.1892	15.82	18.44	36,141.94	1,906.66	12,999.36	11,178.78	215,219.30	207,661.40
1604	93.26	1.1892	15.87	18.50	36,190.77	1,909.29	13,017.85	11,194.64	215,536.00	207,967.40
1605	93.26	1.1892	15.91	18.55	36,239.73	1,911.92	13,036.39	11,210.55	215,853.70	208,274.20
1606	93.26	1.1892	15.86	18.50	36,288.28	1,914.54	13,054.76	11,226.31	216,168.60	208,578.00
1607	93.27	1.1892	15.84	18.46	36,336.95	1,917.16	13,073.21	11,242.13	216,483.90	208,883.10
1608	93.27	1.1892	15.86	18.48	36,385.74	1,919.78	13,091.67	11,257.97	216,800.10	209,188.50
1609	93.27	1.1892	15.92	18.56	36,434.64	1,922.42	13,110.21	11,273.88	217,117.10	209,495.20
1610	93.28	1.1892	15.85	18.48	36,483.67	1,925.05	13,128.75	11,289.78	217,434.80	209,801.80
1611	93.28	1.1892	15.81	18.43	36,532.25	1,927.67	13,147.15	11,305.56	217,749.90	210,106.00
1612	93.28	1.1892	15.82	18.45	36,581.52	1,930.32	13,165.78	11,321.54	218,069.00	210,414.10
1613	93.28	1.1893	15.90	18.53	36,630.36	1,932.95	13,184.28	11,337.42	218,385.70	210,720.00
1614	93.29	1.1893	15.87	18.50	36,679.36	1,935.59	13,202.81	11,353.30	218,703.00	211,026.30
1615	93.29	1.1893	15.80	18.42	36,727.91	1,938.20	13,221.18	11,369.06	219,017.60	211,330.10
1616	93.29	1.1893	15.84	18.46	36,776.57	1,940.82	13,239.59	11,384.86	219,333.30	211,635.20
1617	93.30	1.1893	15.87	18.50	36,825.34	1,943.44	13,258.05	11,400.69	219,649.10	211,940.20
1618	93.30	1.1893	15.93	18.57	36,874.23	1,946.08	13,276.57	11,416.57	219,965.90	212,246.20
1619	93.30	1.1893	15.85	18.48	36,923.24	1,948.71	13,295.10	11,432.47	220,283.20	212,552.60
1620	93.31	1.1893	15.85	18.48	36,972.39	1,951.36	13,313.72	11,448.45	220,601.70	212,860.30
1621	93.31	1.1893	15.86	18.49	37,021.11	1,953.98	13,332.15	11,464.24	220,917.50	213,165.50
1622	93.31	1.1893	15.92	18.56	37,069.97	1,956.61	13,350.63	11,480.10	221,234.30	213,471.00
1623	93.32	1.1893	15.83	18.45	37,118.97	1,959.25	13,369.21	11,496.04	221,551.80	213,777.80
1624	93.32	1.1893	15.84	18.47	37,167.50	1,961.86	13,387.57	11,511.79	221,866.00	214,081.20
1625	93.32	1.1893	15.90	18.53	37,216.72	1,964.52	13,406.23	11,527.79	222,184.70	214,389.30

1626	93.32	1.1893	15.93	18.56	37,265.47	1,967.14	13,424.69	11,543.63	222,501.00	214,694.30
1627	93.33	1.1893	15.85	18.47	37,314.34	1,969.77	13,443.21	11,559.52	222,817.50	215,000.10
1628	93.33	1.1893	15.80	18.43	37,362.76	1,972.38	13,461.50	11,575.21	223,131.40	215,303.00
1629	93.33	1.1893	15.87	18.50	37,411.89	1,975.02	13,480.10	11,591.16	223,449.40	215,610.10
1630	93.34	1.1893	15.93	18.57	37,461.14	1,977.67	13,498.76	11,607.17	223,768.40	215,918.20
1631	93.34	1.1894	15.86	18.50	37,509.92	1,980.30	13,517.21	11,623.00	224,084.60	216,223.60
1632	93.34	1.1894	15.85	18.47	37,558.83	1,982.93	13,535.74	11,638.89	224,401.40	216,529.60
1633	93.34	1.1894	15.85	18.48	37,607.25	1,985.54	13,554.06	11,654.60	224,715.30	216,832.80
1634	93.35	1.1894	15.92	18.56	37,656.41	1,988.19	13,572.68	11,670.58	225,033.50	217,140.20
1635	93.35	1.1894	15.84	18.46	37,705.11	1,990.81	13,591.12	11,686.40	225,348.90	217,444.90
1636	93.35	1.1894	15.83	18.46	37,753.95	1,993.44	13,609.60	11,702.24	225,665.40	217,750.50
1637	93.36	1.1894	15.90	18.53	37,802.91	1,996.07	13,628.15	11,718.16	225,982.20	218,056.70
1638	93.36	1.1894	15.90	18.54	37,851.96	1,998.72	13,646.71	11,734.08	226,300.00	218,363.80
1639	93.36	1.1894	15.90	18.54	37,900.56	2,001.33	13,665.12	11,749.87	226,615.00	218,667.60
1640	93.37	1.1894	15.82	18.45	37,949.87	2,003.99	13,683.77	11,765.86	226,934.20	218,976.10
1641	93.37	1.1894	15.88	18.51	37,998.70	2,006.62	13,702.26	11,781.72	227,250.50	219,281.10
1642	93.37	1.1894	15.90	18.53	38,047.64	2,009.25	13,720.77	11,797.60	227,567.30	219,587.30
1643	93.37	1.1894	15.94	18.59	38,096.69	2,011.89	13,739.33	11,813.52	227,885.00	219,893.60
1644	93.38	1.1894	15.82	18.44	38,145.25	2,014.51	13,757.70	11,829.28	228,199.20	220,197.40
1645	93.38	1.1894	15.86	18.49	38,193.92	2,017.13	13,776.12	11,845.07	228,514.30	220,502.10
1646	93.38	1.1894	15.92	18.56	38,243.34	2,019.79	13,794.84	11,861.13	228,834.30	220,810.90
1647	93.39	1.1894	15.90	18.54	38,292.27	2,022.43	13,813.35	11,877.00	229,151.00	221,117.00
1648	93.39	1.1894	15.84	18.46	38,340.70	2,025.03	13,831.69	11,892.73	229,464.50	221,420.10
1649	93.39	1.1895	15.90	18.54	38,389.89	2,027.68	13,850.33	11,908.73	229,783.10	221,727.60
1650	93.39	1.1895	15.90	18.54	38,439.21	2,030.34	13,868.98	11,924.73	230,102.10	222,035.90
1651	93.40	1.1895	15.91	18.55	38,488.03	2,032.97	13,887.48	11,940.59	230,418.10	222,340.80
1652	93.40	1.1895	15.82	18.45	38,536.95	2,035.60	13,905.98	11,956.46	230,735.00	222,646.60
1653	93.40	1.1895	15.88	18.52	38,585.34	2,038.21	13,924.31	11,972.18	231,048.30	222,949.40
1654	93.41	1.1895	15.89	18.53	38,634.47	2,040.86	13,942.89	11,988.12	231,366.50	223,256.80
1655	93.41	1.1895	15.87	18.51	38,683.11	2,043.48	13,961.30	12,003.91	231,681.20	223,560.80
1656	93.41	1.1895	15.85	18.48	38,732.50	2,046.14	13,980.02	12,019.96	232,000.80	223,869.40
1657	93.41	1.1895	15.86	18.49	38,781.35	2,048.77	13,998.50	12,035.82	232,316.80	224,174.80
1658	93.42	1.1895	15.92	18.56	38,830.32	2,051.40	14,017.06	12,051.74	232,633.70	224,481.00
1659	93.42	1.1895	15.92	18.57	38,879.40	2,054.05	14,035.62	12,067.66	232,951.40	224,788.10
1660	93.42	1.1895	15.85	18.48	38,927.99	2,056.66	14,054.02	12,083.44	233,265.70	225,091.60
1661	93.42	1.1895	15.88	18.51	38,976.69	2,059.29	14,072.46	12,099.26	233,581.00	225,396.00
1662	93.43	1.1895	15.90	18.54	39,025.49	2,061.92	14,090.94	12,115.10	233,896.90	225,701.50
1663	93.43	1.1895	15.94	18.59	39,075.04	2,064.59	14,109.70	12,131.20	234,217.40	226,011.00
1664	93.43	1.1895	15.85	18.47	39,123.44	2,067.19	14,128.03	12,146.92	234,530.90	226,313.80
1665	93.44	1.1895	15.89	18.52	39,172.61	2,069.84	14,146.66	12,162.90	234,848.80	226,620.60

1666	93.44	1.1895	15.90	18.54	39,221.29	2,072.46	14,165.06	12,178.68	235,163.70	226,924.90
1667	93.44	1.1895	15.85	18.49	39,270.71	2,075.13	14,183.77	12,194.72	235,483.70	227,234.10
1668	93.44	1.1896	15.86	18.49	39,318.97	2,077.73	14,202.05	12,210.41	235,796.00	227,535.60
1669	93.45	1.1896	15.90	18.54	39,368.00	2,080.37	14,220.63	12,226.34	236,113.00	227,842.00
1670	93.45	1.1896	15.93	18.57	39,417.20	2,083.02	14,239.24	12,242.30	236,431.30	228,149.50
1671	93.45	1.1896	15.88	18.51	39,466.46	2,085.67	14,257.89	12,258.30	236,750.00	228,457.00
1672	93.45	1.1896	15.86	18.49	39,515.23	2,088.30	14,276.34	12,274.12	237,065.20	228,761.60
1673	93.46	1.1896	15.91	18.55	39,564.07	2,090.93	14,294.85	12,290.00	237,381.00	229,067.00
1674	93.46	1.1896	15.92	18.56	39,613.02	2,093.57	14,313.37	12,305.88	237,697.60	229,372.80
1675	93.46	1.1896	15.90	18.53	39,662.05	2,096.21	14,331.95	12,321.82	238,014.80	229,679.30
1676	93.47	1.1896	15.83	18.46	39,710.57	2,098.82	14,350.29	12,337.55	238,328.40	229,982.40
1677	93.47	1.1896	15.89	18.52	39,759.87	2,101.48	14,368.95	12,353.55	238,647.10	230,290.60
1678	93.47	1.1896	15.94	18.58	39,808.64	2,104.10	14,387.41	12,369.39	238,962.50	230,595.60
1679	93.47	1.1896	15.91	18.56	39,857.54	2,106.74	14,405.92	12,385.26	239,278.70	230,900.90
1680	93.48	1.1896	15.87	18.50	39,906.54	2,109.38	14,424.47	12,401.17	239,595.50	231,206.90
1681	93.48	1.1896	15.89	18.52	39,955.64	2,112.02	14,443.04	12,417.10	239,913.10	231,513.70
1682	93.48	1.1896	15.93	18.57	40,004.86	2,114.68	14,461.66	12,433.07	240,231.20	231,821.30
1683	93.48	1.1896	15.85	18.48	40,053.56	2,117.30	14,480.10	12,448.89	240,546.20	232,125.80
1684	93.49	1.1896	15.88	18.52	40,102.39	2,119.93	14,498.58	12,464.74	240,862.00	232,431.00
1685	93.49	1.1896	15.92	18.56	40,151.33	2,122.57	14,517.11	12,480.62	241,178.20	232,736.70
1686	93.49	1.1896	15.91	18.54	40,200.39	2,125.21	14,535.69	12,496.57	241,495.60	233,042.90
1687	93.50	1.1896	15.88	18.51	40,249.56	2,127.86	14,554.33	12,512.55	241,813.80	233,349.80
1688	93.50	1.1897	15.89	18.53	40,298.17	2,130.48	14,572.73	12,528.33	242,128.20	233,653.50
1689	93.50	1.1897	15.93	18.57	40,347.58	2,133.14	14,591.43	12,544.37	242,447.50	233,962.30
1690	93.50	1.1897	15.91	18.56	40,396.42	2,135.77	14,609.90	12,560.21	242,763.40	234,267.10
1691	93.51	1.1897	15.84	18.47	40,445.35	2,138.41	14,628.41	12,576.08	243,079.70	234,572.60
1692	93.51	1.1897	15.87	18.51	40,494.42	2,141.05	14,646.96	12,591.99	243,396.90	234,878.80
1693	93.51	1.1897	15.93	18.57	40,543.61	2,143.70	14,665.57	12,607.95	243,715.20	235,185.90
1694	93.51	1.1897	15.87	18.51	40,592.20	2,146.32	14,683.97	12,623.73	244,029.30	235,489.50
1695	93.52	1.1897	15.85	18.48	40,640.91	2,148.95	14,702.39	12,639.53	244,344.40	235,793.50
1696	93.52	1.1897	15.88	18.52	40,689.72	2,151.58	14,720.85	12,655.36	244,660.00	236,098.10
1697	93.52	1.1897	15.91	18.56	40,739.35	2,154.25	14,739.61	12,671.44	244,980.70	236,407.60
1698	93.52	1.1897	15.91	18.56	40,788.39	2,156.89	14,758.17	12,687.36	245,297.60	236,713.80
1699	93.53	1.1897	15.87	18.51	40,836.88	2,159.51	14,776.52	12,703.09	245,611.10	237,016.40
1700	93.53	1.1897	15.91	18.55	40,886.16	2,162.16	14,795.16	12,719.08	245,929.60	237,324.00
1701	93.53	1.1897	15.95	18.60	40,935.52	2,164.82	14,813.86	12,735.12	246,248.80	237,632.40
1702	93.53	1.1897	15.84	18.48	40,984.28	2,167.45	14,832.30	12,750.93	246,563.90	237,936.50
1703	93.54	1.1897	15.90	18.53	41,033.17	2,170.09	14,850.83	12,766.82	246,880.10	238,242.00
1704	93.54	1.1897	15.93	18.58	41,082.19	2,172.73	14,869.40	12,782.75	247,197.00	238,548.30
1705	93.54	1.1897	15.93	18.58	41,131.29	2,175.37	14,887.97	12,798.68	247,514.20	238,854.50

1706	93.55	1.1897	15.90	18.54	41,180.46	2,178.02	14,906.57	12,814.63	247,831.90	239,161.30
1707	93.55	1.1897	15.85	18.49	41,229.04	2,180.64	14,924.94	12,830.38	248,146.00	239,464.20
1708	93.55	1.1898	15.91	18.55	41,277.76	2,183.27	14,943.38	12,846.20	248,460.80	239,768.20
1709	93.55	1.1898	15.94	18.59	41,327.29	2,185.94	14,962.12	12,862.27	248,780.70	240,077.20
1710	93.56	1.1898	15.97	18.62	41,376.20	2,188.57	14,980.63	12,878.14	249,096.60	240,382.30
1711	93.56	1.1898	15.85	18.49	41,425.20	2,191.21	14,999.16	12,894.03	249,413.30	240,687.70
1712	93.56	1.1898	15.89	18.53	41,474.29	2,193.86	15,017.73	12,909.96	249,730.40	240,993.90
1713	93.56	1.1898	15.89	18.54	41,523.43	2,196.51	15,036.31	12,925.89	250,047.60	241,300.10
1714	93.57	1.1898	15.95	18.60	41,572.66	2,199.16	15,054.96	12,941.88	250,365.60	241,607.40
1715	93.57	1.1898	15.91	18.55	41,621.28	2,201.78	15,073.37	12,957.67	250,679.70	241,910.80
1716	93.57	1.1898	15.88	18.52	41,669.98	2,204.41	15,091.81	12,973.49	250,994.40	242,214.80
1717	93.57	1.1898	15.93	18.58	41,719.54	2,207.08	15,110.59	12,989.59	251,314.80	242,524.20
1718	93.58	1.1898	15.97	18.62	41,768.52	2,209.72	15,129.13	13,005.50	251,631.30	242,829.80
1719	93.58	1.1898	15.88	18.52	41,817.61	2,212.36	15,147.71	13,021.43	251,948.20	243,135.80
1720	93.58	1.1898	15.92	18.56	41,866.07	2,214.97	15,166.07	13,037.18	252,261.20	243,438.40
1721	93.58	1.1898	15.91	18.56	41,915.34	2,217.63	15,184.71	13,053.16	252,579.50	243,746.10
1722	93.59	1.1898	15.95	18.60	41,964.74	2,220.29	15,203.40	13,069.19	252,898.50	244,054.20
1723	93.59	1.1898	15.86	18.49	42,013.52	2,222.92	15,221.85	13,085.01	253,213.60	244,358.10
1724	93.59	1.1898	15.90	18.54	42,062.36	2,225.55	15,240.35	13,100.87	253,529.20	244,662.80
1725	93.59	1.1898	15.94	18.59	42,111.29	2,228.19	15,258.89	13,116.78	253,845.30	244,968.20
1726	93.60	1.1898	15.97	18.62	42,160.32	2,230.84	15,277.47	13,132.71	254,162.00	245,274.20
1727	93.60	1.1898	15.95	18.59	42,209.44	2,233.49	15,296.09	13,148.69	254,479.20	245,580.90
1728	93.60	1.1898	15.88	18.51	42,258.67	2,236.14	15,314.72	13,164.66	254,797.10	245,887.70
1729	93.60	1.1899	15.93	18.58	42,307.32	2,238.76	15,333.13	13,180.45	255,111.10	246,191.00
1730	93.61	1.1899	15.96	18.61	42,356.80	2,241.43	15,351.85	13,196.50	255,430.80	246,499.90
1731	93.61	1.1899	15.90	18.54	42,405.62	2,244.06	15,370.32	13,212.35	255,746.40	246,804.10
1732	93.61	1.1899	15.91	18.55	42,454.52	2,246.70	15,388.86	13,228.24	256,062.20	247,109.20
1733	93.61	1.1899	15.91	18.56	42,503.51	2,249.34	15,407.40	13,244.14	256,378.50	247,414.90
1734	93.62	1.1899	15.95	18.60	42,552.64	2,251.99	15,425.98	13,260.07	256,695.70	247,721.20
1735	93.62	1.1899	15.87	18.51	42,601.89	2,254.64	15,444.58	13,276.03	257,013.30	248,028.30
1736	93.62	1.1899	15.90	18.54	42,651.20	2,257.30	15,463.25	13,292.04	257,331.70	248,335.60
1737	93.62	1.1899	15.89	18.54	42,699.82	2,259.92	15,481.64	13,307.80	257,645.50	248,638.80
1738	93.63	1.1899	15.94	18.58	42,749.25	2,262.58	15,500.35	13,323.85	257,964.90	248,947.10
1739	93.63	1.1899	15.94	18.59	42,798.01	2,265.22	15,518.81	13,339.68	258,279.80	249,251.70
1740	93.63	1.1899	15.88	18.52	42,846.86	2,267.85	15,537.33	13,355.56	258,595.40	249,556.40
1741	93.63	1.1899	15.92	18.56	42,895.82	2,270.49	15,555.88	13,371.47	258,911.80	249,861.70
1742	93.63	1.1899	15.94	18.58	42,944.93	2,273.14	15,574.45	13,387.40	259,228.70	250,167.40
1743	93.64	1.1899	15.99	18.64	42,994.15	2,275.79	15,593.09	13,403.39	259,546.40	250,474.10
1744	93.64	1.1899	15.93	18.58	43,043.41	2,278.45	15,611.73	13,419.37	259,864.40	250,781.30
1745	93.64	1.1899	15.90	18.54	43,092.75	2,281.11	15,630.42	13,435.39	260,183.00	251,089.00

1746	93.64	1.1899	15.92	18.56	43,141.43	2,283.73	15,648.83	13,451.18	260,497.50	251,392.90
1747	93.65	1.1899	15.97	18.62	43,190.98	2,286.41	15,667.60	13,467.28	260,817.50	251,702.00
1748	93.65	1.1899	15.94	18.58	43,239.89	2,289.04	15,686.11	13,483.15	261,133.10	252,007.00
1749	93.65	1.1899	15.90	18.54	43,288.90	2,291.68	15,704.65	13,499.05	261,449.10	252,312.70
1750	93.65	1.1899	15.95	18.60	43,337.98	2,294.33	15,723.25	13,515.00	261,765.90	252,618.70
1751	93.66	1.1900	15.95	18.60	43,387.16	2,296.98	15,741.85	13,530.95	262,083.30	252,925.00
1752	93.66	1.1900	15.92	18.56	43,436.41	2,299.64	15,760.49	13,546.93	262,401.30	253,232.00
1753	93.66	1.1900	15.88	18.52	43,484.96	2,302.25	15,778.86	13,562.69	262,714.40	253,534.90
1754	93.66	1.1900	15.93	18.58	43,534.39	2,304.92	15,797.58	13,578.74	263,032.80	253,843.00
1755	93.67	1.1900	15.95	18.60	43,583.14	2,307.55	15,816.03	13,594.57	263,347.80	254,147.20
1756	93.67	1.1900	15.93	18.57	43,632.02	2,310.18	15,834.53	13,610.43	263,662.80	254,451.80
1757	93.67	1.1900	15.90	18.54	43,680.99	2,312.82	15,853.07	13,626.33	263,979.20	254,757.00
1758	93.67	1.1900	15.92	18.57	43,730.05	2,315.47	15,871.63	13,642.24	264,296.10	255,063.00
1759	93.68	1.1900	15.97	18.62	43,779.23	2,318.12	15,890.25	13,658.21	264,613.20	255,369.40
1760	93.68	1.1900	15.94	18.59	43,828.51	2,320.78	15,908.90	13,674.20	264,931.20	255,676.50
1761	93.68	1.1900	15.90	18.54	43,877.88	2,323.44	15,927.58	13,690.21	265,250.20	255,984.20
1762	93.68	1.1900	15.94	18.59	43,926.58	2,326.07	15,946.01	13,706.02	265,564.00	256,287.50
1763	93.68	1.1900	15.94	18.59	43,976.19	2,328.74	15,964.76	13,722.10	265,883.80	256,596.60
1764	93.69	1.1900	15.91	18.55	44,025.12	2,331.38	15,983.29	13,737.99	266,199.60	256,901.10
1765	93.69	1.1900	15.94	18.58	44,074.13	2,334.03	16,001.86	13,753.91	266,515.40	257,206.80
1766	93.69	1.1900	15.98	18.63	44,123.21	2,336.67	16,020.47	13,769.88	266,832.60	257,512.90
1767	93.69	1.1900	15.98	18.64	44,172.42	2,339.33	16,039.10	13,785.85	267,150.30	257,819.90
1768	93.70	1.1900	15.92	18.56	44,221.73	2,341.99	16,057.78	13,801.88	267,468.20	258,127.30
1769	93.70	1.1900	15.94	18.59	44,270.36	2,344.61	16,076.20	13,817.67	267,781.90	258,430.40
1770	93.70	1.1900	15.97	18.62	44,319.86	2,347.28	16,094.94	13,833.74	268,101.60	258,738.40
1771	93.70	1.1900	15.97	18.62	44,368.64	2,349.91	16,113.39	13,849.56	268,416.20	259,042.20
1772	93.71	1.1900	15.91	18.55	44,417.49	2,352.55	16,131.89	13,865.42	268,730.90	259,346.40
1773	93.71	1.1900	15.92	18.56	44,467.24	2,355.23	16,150.71	13,881.56	269,052.50	259,656.40
1774	93.71	1.1901	15.95	18.60	44,516.30	2,357.88	16,169.27	13,897.48	269,368.90	259,961.80
1775	93.71	1.1901	15.91	18.56	44,565.46	2,360.53	16,187.87	13,913.43	269,685.80	260,267.80
1776	93.71	1.1901	15.88	18.53	44,613.90	2,363.14	16,206.19	13,929.13	269,998.70	260,569.40
1777	93.72	1.1901	15.93	18.58	44,663.24	2,365.80	16,224.87	13,945.15	270,317.00	260,877.20
1778	93.72	1.1901	15.95	18.60	44,712.68	2,368.47	16,243.57	13,961.18	270,635.60	261,185.30
1779	93.72	1.1901	15.94	18.59	44,761.41	2,371.10	16,262.00	13,976.99	270,950.10	261,489.00
1780	93.72	1.1901	15.90	18.54	44,810.21	2,373.73	16,280.47	13,992.82	271,265.10	261,792.80
1781	93.73	1.1901	15.92	18.57	44,859.91	2,376.41	16,299.27	14,008.94	271,585.30	262,102.30
1782	93.73	1.1901	15.96	18.62	44,908.90	2,379.05	16,317.82	14,024.85	271,901.30	262,407.80
1783	93.73	1.1901	16.01	18.66	44,958.01	2,381.70	16,336.43	14,040.81	272,218.20	262,713.40
1784	93.73	1.1901	15.90	18.55	45,007.22	2,384.35	16,355.04	14,056.76	272,535.10	263,019.60
1785	93.74	1.1901	15.95	18.60	45,056.52	2,387.01	16,373.70	14,072.77	272,852.80	263,327.10

1786	93.74	1.1901	16.01	18.66	45,105.08	2,389.63	16,392.12	14,088.57	273,166.20	263,629.50
1787	93.74	1.1901	15.92	18.56	45,154.53	2,392.30	16,410.85	14,104.63	273,485.00	263,937.00
1788	93.74	1.1901	15.89	18.53	45,203.21	2,394.93	16,429.27	14,120.42	273,798.50	264,241.00
1789	93.74	1.1901	15.99	18.64	45,252.86	2,397.61	16,448.11	14,136.58	274,119.10	264,550.40
1790	93.75	1.1901	15.99	18.64	45,301.81	2,400.25	16,466.64	14,152.48	274,434.40	264,854.60
1791	93.75	1.1901	15.93	18.58	45,350.81	2,402.89	16,485.17	14,168.36	274,749.70	265,159.70
1792	93.75	1.1901	15.87	18.51	45,399.86	2,405.53	16,503.70	14,184.25	275,065.80	265,465.80
1793	93.75	1.1901	15.95	18.59	45,448.97	2,408.19	16,522.31	14,200.21	275,382.90	265,771.80
1794	93.76	1.1901	15.97	18.63	45,498.15	2,410.84	16,540.96	14,216.20	275,700.00	266,077.90
1795	93.76	1.1901	15.95	18.61	45,547.46	2,413.50	16,559.61	14,232.19	276,017.40	266,384.20
1796	93.76	1.1901	15.88	18.52	45,596.02	2,416.12	16,577.96	14,247.93	276,330.80	266,686.90
1797	93.76	1.1902	15.96	18.61	45,645.50	2,418.79	16,596.73	14,264.02	276,649.80	266,994.80
1798	93.76	1.1902	15.95	18.60	45,694.23	2,421.42	16,615.17	14,279.83	276,964.10	267,298.40
1799	93.77	1.1902	15.95	18.61	45,743.90	2,424.10	16,633.93	14,295.92	277,284.80	267,608.20
1800	93.77	1.1902	15.94	18.59	45,792.83	2,426.74	16,652.46	14,311.81	277,600.20	267,912.70
1801	93.77	1.1902	15.94	18.59	45,841.88	2,429.38	16,671.02	14,327.72	277,915.60	268,217.20
1802	93.77	1.1902	15.93	18.59	45,890.99	2,432.03	16,689.57	14,343.62	278,232.50	268,523.50
1803	93.78	1.1902	15.96	18.62	45,940.15	2,434.68	16,708.16	14,359.56	278,549.70	268,829.80
1804	93.78	1.1902	16.00	18.65	45,989.38	2,437.34	16,726.83	14,375.57	278,866.90	269,136.10
1805	93.78	1.1902	15.92	18.57	46,038.67	2,440.00	16,745.49	14,391.58	279,184.20	269,442.40
1806	93.78	1.1902	15.92	18.57	46,088.04	2,442.66	16,764.16	14,407.58	279,502.50	269,749.90
1807	93.78	1.1902	16.00	18.65	46,136.67	2,445.29	16,782.59	14,423.39	279,816.00	270,052.70
1808	93.79	1.1902	15.93	18.57	46,186.25	2,447.96	16,801.38	14,439.50	280,135.10	270,360.80
1809	93.79	1.1902	15.90	18.55	46,235.05	2,450.59	16,819.83	14,455.32	280,450.20	270,665.30
1810	93.79	1.1902	15.92	18.57	46,283.91	2,453.23	16,838.31	14,471.16	280,765.50	270,969.90
1811	93.79	1.1902	16.01	18.66	46,333.73	2,455.92	16,857.21	14,487.37	281,086.30	271,279.90
1812	93.79	1.1902	15.96	18.61	46,382.79	2,458.57	16,875.78	14,503.29	281,402.40	271,585.20
1813	93.80	1.1902	15.89	18.53	46,431.93	2,461.22	16,894.34	14,519.21	281,719.40	271,891.60
1814	93.80	1.1902	15.95	18.60	46,480.29	2,463.83	16,912.65	14,534.91	282,030.90	272,192.60
1815	93.80	1.1902	15.99	18.64	46,529.62	2,466.49	16,931.34	14,550.93	282,348.20	272,498.90
1816	93.80	1.1902	15.89	18.54	46,579.04	2,469.16	16,950.02	14,566.94	282,666.80	272,806.80
1817	93.81	1.1902	15.97	18.62	46,627.69	2,471.78	16,968.47	14,582.77	282,980.10	273,109.50
1818	93.81	1.1902	15.97	18.62	46,677.29	2,474.46	16,987.26	14,598.88	283,299.30	273,417.70
1819	93.81	1.1902	15.97	18.63	46,726.07	2,477.09	17,005.72	14,614.71	283,614.30	273,720.80
1820	93.81	1.1902	15.96	18.62	46,775.83	2,479.78	17,024.55	14,630.85	283,935.00	274,030.70
1821	93.81	1.1903	15.96	18.61	46,824.81	2,482.42	17,043.12	14,646.78	284,250.20	274,335.20
1822	93.82	1.1903	15.96	18.61	46,873.88	2,485.07	17,061.69	14,662.71	284,566.20	274,640.50
1823	93.82	1.1903	15.95	18.61	46,923.02	2,487.72	17,080.26	14,678.62	284,883.00	274,946.80
1824	93.82	1.1903	15.95	18.60	46,972.25	2,490.38	17,098.91	14,694.61	285,200.00	275,253.00
1825	93.82	1.1903	15.94	18.59	47,021.57	2,493.04	17,117.59	14,710.63	285,518.10	275,559.30

1826	93.82	1.1903	15.94	18.59	47,070.11	2,495.66	17,135.93	14,726.36	285,830.90	275,861.50
1827	93.83	1.1903	16.03	18.69	47,119.61	2,498.33	17,154.71	14,742.47	286,149.40	276,169.50
1828	93.83	1.1903	16.03	18.69	47,169.16	2,501.00	17,173.50	14,758.58	286,468.50	276,477.70
1829	93.83	1.1903	15.92	18.57	47,217.93	2,503.64	17,191.96	14,774.40	286,783.00	276,781.90
1830	93.83	1.1903	15.95	18.60	47,267.69	2,506.32	17,210.78	14,790.54	287,103.40	277,091.60
1831	93.84	1.1903	16.02	18.68	47,316.64	2,508.96	17,229.34	14,806.46	287,418.90	277,395.80
1832	93.84	1.1903	15.97	18.63	47,365.67	2,511.61	17,247.90	14,822.37	287,735.20	277,700.80
1833	93.84	1.1903	15.96	18.61	47,414.79	2,514.26	17,266.51	14,838.33	288,051.40	278,006.70
1834	93.84	1.1903	16.01	18.66	47,463.99	2,516.92	17,285.18	14,854.34	288,368.20	278,312.60
1835	93.84	1.1903	16.00	18.66	47,513.28	2,519.58	17,303.85	14,870.36	288,685.80	278,618.60
1836	93.85	1.1903	15.92	18.58	47,562.66	2,522.24	17,322.52	14,886.36	289,003.80	278,925.70
1837	93.85	1.1903	15.97	18.62	47,611.23	2,524.86	17,340.93	14,902.15	289,316.60	279,227.80
1838	93.85	1.1903	15.99	18.64	47,660.79	2,527.54	17,359.70	14,918.25	289,636.10	279,535.40
1839	93.85	1.1903	15.98	18.64	47,710.44	2,530.22	17,378.48	14,934.35	289,955.80	279,844.60
1840	93.85	1.1903	15.88	18.53	47,759.27	2,532.85	17,396.92	14,950.15	290,269.70	280,148.30
1841	93.86	1.1903	15.97	18.63	47,808.20	2,535.49	17,415.46	14,966.05	290,585.10	280,452.20
1842	93.86	1.1903	15.97	18.63	47,857.20	2,538.14	17,434.00	14,981.94	290,900.60	280,757.70
1843	93.86	1.1903	15.97	18.62	47,907.19	2,540.83	17,452.90	14,998.15	291,222.20	281,068.80
1844	93.86	1.1903	15.96	18.61	47,956.35	2,543.49	17,471.55	15,014.14	291,539.10	281,374.20
1845	93.86	1.1903	15.96	18.61	48,004.70	2,546.10	17,489.85	15,029.83	291,850.50	281,674.50
1846	93.87	1.1903	15.99	18.65	48,054.07	2,548.76	17,508.53	15,045.85	292,168.20	281,981.60
1847	93.87	1.1904	16.01	18.66	48,103.52	2,551.43	17,527.28	15,061.93	292,487.00	282,288.70
1848	93.87	1.1904	15.94	18.59	48,153.05	2,554.11	17,546.03	15,078.01	292,805.90	282,596.60
1849	93.87	1.1904	15.93	18.59	48,201.74	2,556.74	17,564.44	15,093.78	293,118.90	282,899.70
1850	93.87	1.1904	15.99	18.65	48,251.41	2,559.42	17,583.25	15,109.91	293,438.70	283,208.50
1851	93.88	1.1904	15.97	18.62	48,300.23	2,562.05	17,601.75	15,125.78	293,753.20	283,511.60
1852	93.88	1.1904	15.93	18.58	48,349.12	2,564.69	17,620.26	15,141.65	294,067.90	283,815.80
1853	93.88	1.1904	15.92	18.58	48,398.07	2,567.33	17,638.77	15,157.52	294,382.60	284,120.50
1854	93.88	1.1904	15.99	18.65	48,448.03	2,570.03	17,657.70	15,173.75	294,704.50	284,431.00
1855	93.88	1.1904	16.02	18.68	48,497.15	2,572.68	17,676.31	15,189.71	295,020.80	284,735.80
1856	93.89	1.1904	15.93	18.58	48,546.38	2,575.34	17,694.92	15,205.66	295,337.20	285,041.90
1857	93.89	1.1904	15.99	18.65	48,595.70	2,578.00	17,713.62	15,221.70	295,654.80	285,348.30
1858	93.89	1.1904	16.00	18.66	48,644.16	2,580.62	17,731.98	15,237.44	295,966.80	285,648.90
1859	93.89	1.1904	16.00	18.66	48,693.62	2,583.29	17,750.69	15,253.49	296,284.80	285,956.80
1860	93.89	1.1904	15.90	18.55	48,743.17	2,585.96	17,769.41	15,269.53	296,604.10	286,264.90
1861	93.90	1.1904	15.99	18.64	48,791.88	2,588.59	17,787.87	15,285.36	296,917.80	286,567.10
1862	93.90	1.1904	15.98	18.64	48,841.62	2,591.28	17,806.68	15,301.49	297,237.50	286,876.80
1863	93.90	1.1904	15.98	18.64	48,890.50	2,593.92	17,825.15	15,317.32	297,552.70	287,180.70
1864	93.90	1.1904	15.97	18.63	48,940.40	2,596.61	17,844.07	15,333.54	297,874.00	287,490.40
1865	93.90	1.1904	15.97	18.63	48,989.42	2,599.26	17,862.64	15,349.46	298,189.20	287,794.50

1866	93.91	1.1904	15.98	18.64	49,038.52	2,601.91	17,881.21	15,365.39	298,505.00	288,100.00
1867	93.91	1.1904	16.05	18.71	49,087.71	2,604.56	17,899.88	15,381.40	298,821.80	288,405.50
1868	93.91	1.1904	15.96	18.61	49,136.98	2,607.23	17,918.54	15,397.40	299,138.80	288,711.30
1869	93.91	1.1904	15.97	18.63	49,186.34	2,609.89	17,937.23	15,413.42	299,456.20	289,018.40
1870	93.91	1.1904	16.03	18.69	49,234.85	2,612.51	17,955.63	15,429.21	299,768.60	289,319.60
1871	93.92	1.1904	15.94	18.59	49,284.38	2,615.18	17,974.40	15,445.30	300,087.10	289,627.10
1872	93.92	1.1904	15.94	18.60	49,334.00	2,617.86	17,993.17	15,461.39	300,406.20	289,935.80
1873	93.92	1.1905	15.96	18.62	49,382.73	2,620.49	18,011.60	15,477.18	300,720.20	290,238.70
1874	93.92	1.1905	16.01	18.67	49,431.54	2,623.13	18,030.10	15,493.05	301,034.20	290,541.80
1875	93.92	1.1905	15.93	18.58	49,481.39	2,625.82	18,048.97	15,509.23	301,354.90	290,852.20
1876	93.93	1.1905	15.95	18.60	49,530.38	2,628.47	18,067.50	15,525.12	301,670.50	291,156.60
1877	93.93	1.1905	16.02	18.68	49,579.45	2,631.12	18,086.10	15,541.07	301,986.10	291,461.40
1878	93.93	1.1905	15.99	18.65	49,628.61	2,633.77	18,104.71	15,557.02	302,302.40	291,767.40
1879	93.93	1.1905	15.93	18.59	49,677.86	2,636.43	18,123.34	15,572.99	302,619.50	292,073.40
1880	93.93	1.1905	16.00	18.66	49,727.20	2,639.09	18,142.04	15,589.03	302,936.70	292,379.80
1881	93.94	1.1905	16.00	18.66	49,776.60	2,641.76	18,160.75	15,605.07	303,254.10	292,687.40
1882	93.94	1.1905	15.97	18.63	49,826.07	2,644.43	18,179.45	15,621.10	303,572.20	292,995.00
1883	93.94	1.1905	15.92	18.57	49,874.66	2,647.05	18,197.81	15,636.84	303,884.70	293,296.60
1884	93.94	1.1905	15.99	18.64	49,924.31	2,649.73	18,216.62	15,652.96	304,203.70	293,604.60
1885	93.94	1.1905	15.98	18.64	49,973.05	2,652.37	18,235.05	15,668.77	304,517.20	293,907.70

SURVEY No. 6

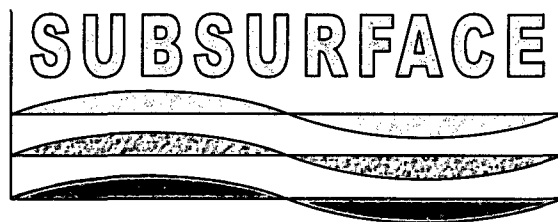
Time (days) 1520.005
Incremental Time (hours) 18.651
Production Rate (gpm) 2.532
Injection Rate (gpm) 2.625
Injection/Production Ratio (gal/gal) 1.037
Mass Balance 1.000

Cell No.	Cell Height (feet)	Depth (feet)	Radius (feet)	Cavity Brine (sp. gravity)	Plume Brine (sp. gravity)	Plume Flow (gpm)	Inclination (degrees)	Cell Volume (barrels)	Cumm. Volume (barrels)
105	104.5	485.5	22.55	1.1906	1.1904	79.93	79	284.55	284.55
104	103.5	486.5	22.36	1.1908	1.1907	189.29	87	279.86	564.41
103	102.5	487.5	22.47	1.1909	1.1908	296.99	95	282.39	846.80
102	101.5	488.5	22.56	1.1910	1.1908	405.58	96	284.74	1,131.54
101	100.5	489.5	22.69	1.1910	1.1908	405.29	97	288.17	1,419.70
100	99.5	490.5	22.83	1.1911	1.1908	404.95	98	291.74	1,711.44

99	98.5	491.5	22.99	1.1911	1.1908	404.54	99	295.77	2,007.21
98	97.5	492.5	23.16	1.1912	1.1908	404.08	99	300.18	2,307.39
97	96.5	493.5	23.34	1.1912	1.1908	403.56	100	304.92	2,612.31
96	95.5	494.5	23.53	1.1913	1.1908	402.98	100	309.80	2,922.11
95	94.5	495.5	23.72	1.1913	1.1908	402.35	100	314.74	3,236.85
94	93.5	496.5	23.91	1.1913	1.1908	401.66	100	319.78	3,556.63
93	92.5	497.5	24.10	1.1914	1.1908	400.91	100	324.94	3,881.57
92	91.5	498.5	24.29	1.1914	1.1908	400.10	100	330.10	4,211.67
91	90.5	499.5	24.47	1.1915	1.1908	399.23	100	335.09	4,546.76
90	89.5	500.5	24.65	1.1915	1.1908	398.30	100	340.01	4,886.77
89	88.5	501.5	24.84	1.1916	1.1908	397.32	100	345.24	5,232.01
88	87.5	502.5	25.03	1.1916	1.1908	396.27	100	350.51	5,582.52
87	86.5	503.5	25.23	1.1917	1.1908	395.17	101	356.05	5,938.58
86	85.5	504.5	25.44	1.1917	1.1908	394.00	102	362.00	6,300.57
85	84.5	505.5	25.66	1.1918	1.1908	392.78	102	368.44	6,669.01
84	83.5	506.5	25.87	1.1918	1.1908	391.49	101	374.61	7,043.63
83	82.5	507.5	26.08	1.1918	1.1908	390.14	101	380.57	7,424.20
82	81.5	508.5	26.27	1.1919	1.1908	388.73	100	386.26	7,810.46
81	80.5	509.5	26.46	1.1919	1.1908	387.26	100	391.78	8,202.24
80	79.5	510.5	26.65	1.1920	1.1908	385.73	100	397.27	8,599.51
79	78.5	511.5	26.83	1.1920	1.1908	384.13	100	402.67	9,002.18
78	77.5	512.5	27.00	1.1921	1.1908	382.47	99	407.98	9,410.16
77	76.5	513.5	27.18	1.1921	1.1908	380.75	99	413.32	9,823.48
76	75.5	514.5	27.35	1.1922	1.1908	378.97	99	418.66	10,242.14
75	74.5	515.5	27.52	1.1922	1.1907	377.12	99	423.87	10,666.01
74	73.5	516.5	27.69	1.1923	1.1907	375.21	99	429.17	11,095.18
73	72.5	517.5	27.86	1.1923	1.1907	373.24	99	434.22	11,529.40
72	71.5	518.5	28.01	1.1924	1.1907	371.20	98	439.05	11,968.45
71	70.5	519.5	28.16	1.1924	1.1907	369.10	98	443.73	12,412.18
70	69.5	520.5	28.32	1.1925	1.1907	366.93	98	448.67	12,860.85
69	68.5	521.5	28.47	1.1925	1.1907	364.70	98	453.56	13,314.42
68	67.5	522.5	28.62	1.1926	1.1907	362.40	97	458.19	13,772.61
67	66.5	523.5	28.74	1.1926	1.1907	360.04	96	462.08	14,234.69
66	65.5	524.5	28.86	1.1927	1.1907	357.61	96	465.89	14,700.58
65	64.5	525.5	28.98	1.1927	1.1906	355.12	97	469.94	15,170.52
64	63.5	526.5	29.11	1.1928	1.1906	352.56	97	474.27	15,644.79
63	62.5	527.5	29.23	1.1928	1.1906	349.94	96	478.08	16,122.87
62	61.5	528.5	29.35	1.1929	1.1906	347.24	96	482.14	16,605.01
61	60.5	529.5	29.47	1.1929	1.1906	344.49	96	485.97	17,090.98
60	59.5	530.5	29.59	1.1930	1.1906	341.66	96	489.83	17,580.81

59	58.5	531.5	29.71	1.1930	1.1905	338.77	96	493.88	18,074.69
58	57.5	532.5	29.82	1.1931	1.1905	335.81	96	497.71	18,572.39
57	56.5	533.5	29.94	1.1931	1.1905	332.78	96	501.72	19,074.11
56	55.5	534.5	30.05	1.1932	1.1905	329.68	95	505.27	19,579.38
55	54.5	535.5	30.15	1.1932	1.1904	326.52	95	508.69	20,088.07
54	53.5	536.5	30.25	1.1933	1.1904	323.28	95	511.99	20,600.07
53	52.5	537.5	30.34	1.1933	1.1904	319.98	94	515.03	21,115.09
52	51.5	538.5	30.41	1.1934	1.1903	316.61	93	517.58	21,632.67
51	50.5	539.5	30.48	1.1935	1.1903	313.16	93	519.68	22,152.35
50	49.5	540.5	30.53	1.1935	1.1903	309.65	93	521.49	22,673.84
49	48.5	541.5	30.59	1.1936	1.1902	306.06	93	523.42	23,197.26
48	47.5	542.5	30.63	1.1936	1.1902	302.41	92	525.10	23,722.36
47	46.5	543.5	30.68	1.1937	1.1901	298.68	92	526.57	24,248.93
46	45.5	544.5	30.71	1.1937	1.1901	294.88	91	527.86	24,776.79
45	44.5	545.5	30.75	1.1938	1.1901	291.01	91	528.92	25,305.71
44	43.5	546.5	30.77	1.1938	1.1900	287.06	91	529.77	25,835.48
43	42.5	547.5	30.78	1.1939	1.1899	283.04	90	530.24	26,365.71
42	41.5	548.5	30.79	1.1940	1.1899	278.95	90	530.48	26,896.20
41	40.5	549.5	30.79	1.1940	1.1898	274.78	90	530.60	27,426.79
40	39.5	550.5	30.80	1.1941	1.1898	270.54	90	530.66	27,957.45
39	38.5	551.5	30.80	1.1941	1.1897	266.22	89	530.77	28,488.21
38	37.5	552.5	30.79	1.1942	1.1896	261.82	89	530.62	29,018.83
37	36.5	553.5	30.79	1.1943	1.1895	257.35	89	530.38	29,549.21
36	35.5	554.5	30.79	1.1943	1.1894	252.79	89	530.30	30,079.51
35	34.5	555.5	30.78	1.1944	1.1893	248.16	89	530.14	30,609.65
34	33.5	556.5	30.77	1.1944	1.1892	243.45	89	529.85	31,139.50
33	32.5	557.5	30.77	1.1945	1.1891	238.65	90	529.75	31,669.25
32	31.5	558.5	30.78	1.1946	1.1890	233.77	90	530.19	32,199.44
31	30.5	559.5	30.80	1.1946	1.1889	228.81	91	530.77	32,730.21
30	29.5	560.5	30.83	1.1947	1.1888	223.76	91	531.70	33,261.91
29	28.5	561.5	30.86	1.1947	1.1886	218.62	92	532.88	33,794.79
28	27.5	562.5	30.90	1.1948	1.1885	213.40	92	534.19	34,328.98
27	26.5	563.5	30.95	1.1949	1.1883	208.08	93	536.11	34,865.10
26	25.5	564.5	31.01	1.1950	1.1881	202.66	93	538.03	35,403.12
25	24.5	565.5	31.08	1.1950	1.1880	197.15	94	540.43	35,943.55
24	23.5	566.5	31.15	1.1951	1.1877	191.54	94	543.02	36,486.57
23	22.5	567.5	31.24	1.1952	1.1875	185.83	95	546.00	37,032.57
22	21.5	568.5	31.33	1.1952	1.1873	180.01	95	549.22	37,581.79
21	20.5	569.5	31.43	1.1953	1.1870	174.08	95	552.63	38,134.41
20	19.5	570.5	31.54	1.1954	1.1867	168.04	96	556.49	38,690.90

19	18.5	571.5	31.65	1.1955	1.1863	161.88	96	560.41	39,251.32
18	17.5	572.5	31.77	1.1956	1.1860	155.60	97	564.81	39,816.12
17	16.5	573.5	31.90	1.1956	1.1856	149.18	97	569.27	40,385.40
16	15.5	574.5	32.03	1.1957	1.1851	142.63	97	574.08	40,959.48
15	14.5	575.5	32.16	1.1958	1.1846	135.94	97	578.87	41,538.35
14	13.5	576.5	32.31	1.1959	1.1840	129.09	97	584.10	42,122.45
13	12.5	577.5	32.45	1.1960	1.1833	122.08	97	589.02	42,711.47
12	11.5	578.5	32.59	1.1961	1.1824	114.89	98	594.28	43,305.75
11	10.5	579.5	32.73	1.1962	1.1815	107.52	97	599.43	43,905.18
10	9.5	580.5	32.86	1.1963	1.1804	99.93	97	604.16	44,509.34
9	8.5	581.5	32.99	1.1965	1.1790	92.11	96	608.93	45,118.27
8	7.5	582.5	33.10	1.1966	1.1773	84.03	95	613.14	45,731.41
7	6.5	583.5	33.19	1.1967	1.1751	75.65	94	616.44	46,347.85
6	5.5	584.5	33.25	1.1969	1.1722	66.91	91	618.47	46,966.32
5	4.5	585.5	33.26	1.1971	1.1683	57.75	88	618.96	47,585.28
4	3.5	586.5	33.21	1.1973	1.1623	48.03	83	617.01	48,202.29
3	2.5	587.5	33.02	1.1975	1.1523	37.54	72	610.17	48,812.46
2	1.5	588.5	32.59	1.1977	1.1311	25.77	58	594.16	49,406.62
1	0.5	589.5	31.82	1.1981	1.0000	9.24	52	566.43	49,973.04



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