

ARIZONA DEPARTMENT OF WATER RESOURCES
500 North 3rd Street
Phoenix, Arizona 85004

MW-8

WELL ABANDON COMPLETION REPORT

ARS §45-594; R12-15-816: Within 30 days after a well is abandoned, the well drilling contractor shall file a well Abandonment Completion Report on a form prescribed and furnished by the Director.

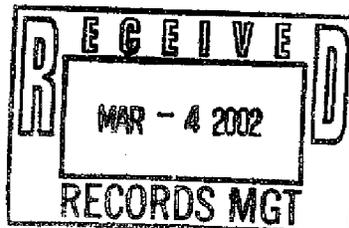
Well Registration No. 55- 502780

File No. A(1-1) 27 BDC

1. Drilling firm:

RAINBOW DRILLING
8005 W. PATRICK LANE
PEORIA, AZ 85382-1607

License No. 608



2. Well Location: SW/4 SE/4 NW/4 Section 27 Township 1 NORTH Range 1 EAST

3. Owner of the Well:

CITY OF PHOENIX
200 W WASHINGTON ST, 14TH FLOOR
PHOENIX, AZ 85003

4. Owner of the Land:

Name City of Phoenix
Address 200 W Washington
City/State/Zip Phoenix AZ 85003

MAR - 6 2002

5. Well Description: 32.4 18 Steel
Hole Depth Diameter Type of Casing

6. Reason for Abandonment: not in use
New Construction

7. Prior to abandonment, did the well have 20' of steel surface casing AND 20' of grout in the annular space surrounding the surface casing? Yes X No

8. If the answer to No. 7 is no, was the top 20' of casing removed prior to setting the cement plug? Yes No

9. Identify the materials and methods used to abandon the well: filled with neat cement from bottom to top

10. Is this Abandonment Completion Report filed in accordance with R12-15-816, F.? Yes No X

11. How deep does the cement plug extend below land surface? 30.4 ft.

12. Was the well backfilled above the cement plug? Yes X No

13. Date abandonment completed: 2-18-02

DATE 2-18-02

SIGNATURE OF WELL DRILLER

Ellie Collins

ARIZONA DEPARTMENT OF WATER RESOURCES
GROUNDWATER MANAGEMENT SUPPORT SECTION
500 North Third Street
Phoenix, Arizona 85004

ABANDON

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILL OPERATIONS

WELL REGISTRATION NO: 55-502780

AUTHORIZED DRILLER: RAINBOW DRILLING

LICENSE NO: 608

NOTICE OF INTENTION TO ABANDON A MONITOR WELL(S) HAS BEEN FILED WITH THE DEPARTMENT BY:

WELL OWNER: CITY OF PHOENIX 200 W WASHINGTON ST, 14TH FLOOR PHOENIX, AZ 85003

The well(s) is/are to be located in the:

SW ¼ of the SE ¼ of the NW ¼ Section 27 Township 1 NORTH Range 1 EAST

No. of wells in this project: 1

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE 3RD DAY OF OCTOBER, 2002



ARS
GROUNDWATER MANAGEMENT SUPPORT

**THE DRILLER MUST FILE A WELL ABANDONMENT
COMPLETION REPORT WITHIN 30 DAYS OF ABANDONMENT**

ARIZONA DEPARTMENT OF WATER RESOURCES

MW-8

NO FEE REQUIRED

GROUNDWATER MANAGEMENT SUPPORT SECTION

NO FEE REQUIRED

P O BOX 458, PHOENIX, ARIZONA 85001-0458

FOR INFORMATION CALL: MONICA ORTIZ AT 602-417-2470

NOV - 8 2001

NOTICE OF INTENT TO ABANDON A WELL

OCT - 4 2001

A.R.S. § 45-594; R12-15-816: Well abandonment shall be performed only by a licensed well drilling contractor or single well licensee. The owner of a well shall file a Notice of Intent to Abandon the well prior to abandonment.

1. Well Location:

01 N N/S Township, 01 E E/W Range, 27 Section. Includes handwritten notes: '1/4 SW 1/4', '1/4 SE', '1/4 SW', '1/4 NE'.

2. Position Location of the Well on the Land:

Latitude 33° 23' 31.5" N, Longitude 112° 15' 02.1" W

3. County: MARICOPA

County Assessor's ID: Book Map Parcel

4. Well Registration Number:

502780, 55- 803559

5. Well Owner:

CITY OF PHOENIX Name, 200 W. WASHINGTON Current Mailing Address, PHOENIX AZ 85003 City State Zip, 602-262-6251 Telephone

FOR DEPARTMENT USE ONLY. File No. 2(1-1)27 602, Registration No: 55- 502780, Filed 10/18/01 By 60 Mailed 12/19/01 By 60, AMA/INA Phx W/S 01 S/B 04 MO.

6. Owner of the Land:

CITY OF PHOENIX Name, 200 W. WASHINGTON Current Mailing Address, PHOENIX AZ 85003 City State Zip, 602-262-6251 Telephone

7. Type of Well being Abandoned:

(Examples: Domestic, Stock, Irrigation, Municipal, Monitor, Geotechnical, Mineral Exploration, etc.)

Please state: MONITOR

DESCRIPTION OF WELL TO BE ABANDONED:

8. Well Diameter 16 inches, 9. Well Depth 80 feet

10. Type of Casing STEEL

11. Abandonment will begin: Month 10 Year 2001, 12. Reason for abandonment: NOT NEEDED

13. Materials and methods to be used to abandon the well: PER ADWR REGS. SEE ATTACHED, grout bottom to top, Remove casing

14. To your knowledge, is there any information that exists which indicates that the water in this well may be or is contaminated? Yes No X. If yes, explain on an attached sheet.

15. Licensed Driller performing abandonment: Firm Name: Rainbow Drilling License No. 07734004, Address 8005 W. Patrick Ln City Peoria State AZ Zip 85383

I state that this Notice is filed in compliance with A.R.S. §45-594 and A.A.C. R12-15-816 and is complete and correct to the best of my knowledge and belief.

16. Signature of Well Owner: [Signature] Date 10/3/01

APPLICATION GUIDELINES

In accordance with Arizona Revised Statutes ("A. R. S.") §§ 41-1008 and 1079, the Department of Water Resources ("Department") provides the following information regarding the application review process.

Necessary Steps and Instructions to Obtain Abandonment Authority

1. Pursuant to Arizona Administrative Code ("A.A.C.") R12-15-816, well abandonment must be performed by a licensed well drilling contractor or single well licensee. (A single well licensee is a person given a license by this Department that allows drilling or modification of a single, exempt well on land owned by that person.)
2. Except as described below, a well drilling contractor or single well licensee may commence abandoning a well only if the driller has possession of an abandonment card at the well site, issued by the Department in the name of the driller, authorizing the abandonment of a specific well or wells in a specific location. Upon approval of the application, the Department will mail an Abandonment Authorization Card to the designated well drilling contractor or single well licensee. To assist you in understanding the substantive requirements for this application, copies of A.R.S. § 45-594 and Arizona Administrative Code ("A.A.C.") R12-15-816 are available at the Department Book Store.
3. Information to complete items 1, 2 and 3 may be available from your county tax receipt, your County Assessor's Office or the Notice of Intent to Drill.
4. Information to complete items 4, 7, 8, 9 and 10 are available from your Notice of Intent to Drill or our Records Division at (602)417-2405.
5. Information to complete items 11, 13 and 15 should be available from your driller.
6. Submit **two original Notices**, each signed by the owner, to P.O. Box 458, Phoenix, Arizona, 85004-0458, or hand deliver to 500 North Street, Phoenix, Arizona. If an individual other than the owner signs these notices, an original, **notarized** letter of authorization from the owner must accompany the Notices. **No fee is required to process this application.**

Time Frames for Review of Your Application

Within thirty (30) days after receipt of your application, the Department will determine whether your application should be granted or denied, unless this time is extended as described below. In processing your application, the Department will first determine whether the application is administratively complete (administrative completeness review), and then whether the application meets the substantive criteria established by statute or rule (substantive review). Each of these reviews will be completed within the times stated below. The time for the administrative completeness review plus the time for the substantive review is referred to as the overall time frame.

1) Administrative Completeness Review Time Frame

Within fifteen (15) days after receipt of your application, the Department will determine whether your application is complete, and will issue a written notice of administrative completeness or deficiencies. After your application is complete, the Department will proceed with substantive review.

If the Department sends you a letter that your application is incomplete, the Department will include a comprehensive list of specific deficiencies. Until the missing information is received, both the administrative completeness review and the overall time frames will be suspended. When the Department receives the missing information, the administrative completeness review and overall time frames will resume. Your application will not be complete until all of the requested information is received. If you do not supply the missing information within sixty (60) days, the Department may deem your application withdrawn and close the file.

2) Substantive Review Time Frame

Within fifteen (15) days after the application is complete, the Department will review your application to determine whether it meets the substantive criteria required by statute or rule. By mutual written agreement between you and the Department, the time for substantive review may be extended by up to seven days.

During the substantive review, the Department may make one written request for additional information. You may also agree in writing to allow the Department to submit supplemental requests for additional information. If additional information is requested by the Department, both the substantive review and overall time frames will be suspended. When the additional information is received, the substantive review and overall time frames will resume.

At the end of the Department's substantive review, the Department will send you a written notice either granting or denying your application. If your application is denied, the notice will include the justification for the denial and an explanation of your right to appeal the denial.

Construction and Follow Up Requirements

1. Construction standards for abandonment must be in accordance with Department Rules.
2. Within thirty (30) days after abandonment, the well drilling contractor or single well licensee must file a Well Abandonment Completion Report with the Department.
3. The owner or operator of the well must also notify the Department in writing no later than thirty (30) days after abandonment has been completed. The notification should include the well owner's name, location of the well and the method of abandonment.
4. In course of drilling a new well, the well may be abandoned without an abandonment card. However, a Well Abandonment Completion Report must still be filed with the Department.
5. If an unregistered, open well is discovered within thirty (30) days of a change of ownership of real property, the new owner must notify the Department in writing within that thirty day period. This form will serve to register the well when properly abandoned and reported. Thereafter, the existence of any discovered open wells must be reported within ten days after discovery. A.R.S. § 45-593(D).

city of T

VARIANCE CHECKLIST - HYDROLOGY

DATE RECEIVED 10-4-01
DATE TO HYDRO 11-8-01
DATE TO GMSS 12-17-01

POTENTIAL REG. No 55- 510062, 529471
502780
55- 502782 THRU 55- 502787

FRONT OF N.O.I COMPLETE/CORRECT:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
VARIANCE (?) LETTER RECEIVED	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
WELL DIAGRAM (?) RECEIVED	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
SITE PLAN (?) RECEIVED	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>

TYPE AND NUMBER OF WELLS:

<input type="checkbox"/> MONITOR	<input type="checkbox"/> CATHODIC PROTECTION
<input type="checkbox"/> PIEZOMETER	<input type="checkbox"/> GROUNDING
<input type="checkbox"/> GEOTECHNICAL	<input type="checkbox"/> HEAT PUMP
<input type="checkbox"/> MINERAL EXPLORATION	
<input type="checkbox"/> WATER PRODUCTION <u>9</u>	OTHER <u>NOA</u>

DESCRIBE TYPE OF WELL

VARIANCE:

<input type="checkbox"/> REQUIRED	<input type="checkbox"/> GRANTED
<input type="checkbox"/> NOT REQUIRED	<input type="checkbox"/> NOT GRANTED
	<input type="checkbox"/> LETTER ISSUED

ATTENTION!!! NOTICE OF INTENT TEAM:

HARD COPY OF LETTER TO FOLLOW
 CALL FOR PICKUP

COMMENTS: clock stopped 11-20

Rossi called 11-28 I forgot copies.
12-12 Key amended NDEA's

M.O.

ARIZONA DEPARTMENT OF WATER RESOURCES

Hydrology Division

500 North Third Street, Phoenix, Arizona 85004

Telephone 602 417-2448

Fax 602 417-2425



November 20, 2001

JANE DEE HULL
Governor

JOSEPH C. SMITH
Director

City of Phoenix
200 West Washington
Phoenix, Arizona 85003

Attn: To Whom It Concerns

Re: Notice of Intent to Abandon Nine Wells
Registration Numbers 55-502782 through 55-508787 and 55-510062, 55-529471, and
55-502780

Dear Sir or Madam:

The Arizona Department of Water Resources received your request dated November 8, 2001 for abandonment of nine wells located in Maricopa County.

The Department has reviewed the above referenced application to determine if the application meets the substantive requirements of A.R.S. §45-594 and A.A.C. R12-15-820. Pursuant to A.R.S. §41-1075, the Department has determined that additional information is required and is being requested through Layne Christensen Company.

The following information must be submitted before the Department can complete its review.

- Materials and methods to be used to abandon the wells.

Failure to submit the information requested within 62 days may result in the denial of the application. The Department's substantive review time frame is suspended until all of the requested information is provided.

If you have any questions, please contact Bruce Hammett of my staff at 602-417-2400 extension 7301.

Sincerely,

Frank Corkhill
Technical Support Section Supervisor

ARIZONA DEPARTMENT OF WATER RESOURCES

500 North 3rd Street, Phoenix, Arizona 85004

Telephone (602) 417-2470

Fax (602) 417-2422

December 20, 2001



JANE DEE HULL
Governor

JOSEPH C. SMITH
Director

CITY OF PHOENIX
200 W WASHINGTON ST, 14TH FLOOR
PHOENIX, AZ 85003

Registration No. 55-502780

File No. A(1-1) 27 BDC

Dear Applicant:

Enclosed is a copy of the Notice of Intent (NOI) to Abandon a Well. This NOI, which was recently filed with this Department is being returned to you as evidence of your compliance with ARS § 45-594; R12-15-816. The enclosed Well Owners Notification of Abandonment is to be submitted when the well has been properly abandoned. The Well Abandonment Card and Abandonment Completion Report forms have been sent to your driller. He may not begin abandonment until he has received the Well Abandonment Card. If you change drillers, you must supply this Department with the new driller's identity. Well abandonments shall be performed only by a licensed well drilling contractor or single well licensee.

ARS §45-594; R12-15-816(K) requires the registered well owner to submit a Well Owners Notification of Abandonment form within thirty (30) days after the abandonment of the well. It also requires the driller to furnish this Department a complete and accurate Well Abandonment Report within thirty (30) days after completion of abandonment. You should insist, and ensure, that both of these are done.

Sincerely,

A handwritten signature in cursive script, appearing to read "S. Valdez".

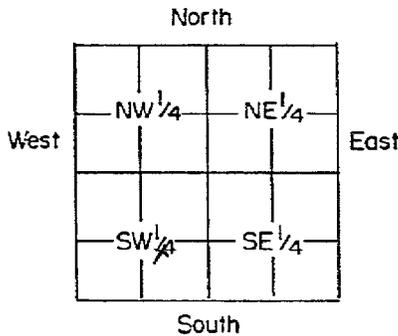
Sylvia Valdez
Water Resource Technician
Groundwater Management Support Section

Enclosures

EXEMPT WELL
 FILING FEE: \$3.00

DEPARTMENT OF WATER RESOURCES # / EXEMPT WELL
 NOTICE OF INTENTION TO DRILL OR DEEPEN
 AN EXEMPT WELL

Section 45-596, Arizona Revised Statutes, provides. A person may not drill or cause to be drilled any well or deepen or replace an existing well without first filing a Notice of Intention to Drill with the Department on a form prescribed and furnished by the Department. The well shall be completed within one year after the date of Notice. An exempt well means a well having a pump with a maximum design capacity of not more than 35 gallons per minute which is used to withdraw groundwater. An exempt well may include the non-commercial irrigation of not more than 1 acre of land.



-Indicate Well Location by X
 (Above diagram represents one 640 acre section)

WELL/LAND LOCATION:

1. Township 1N
2. Range 1E
3. Section 27
4. SW 1/4 SE 1/4 NW 1/4
10 acre sub-division
5. County MARICOPA COUNTY
6. Owner of Well

CITY OF PHOENIX
 Name WATER & SEWERS DEPT.
125 E WASHINGTON
 Address
PHOENIX AZ 85004
 City State Zip
 7. Owner of Land
CITY OF PHOENIX
WATER AND SEWERS DEPT
 Name
125 E WASHINGTON
 Address
PHOENIX AZ
 City State Zip

- DESCRIPTION OF WELL
8. Diameter 18"
 - Depth 40'
 9. Type of Casing
STEEL
 10. Principal use of Water.
NONE
 11. Other uses Intended
GROUNDWATER
MONITOR
(If for non-commercial irrigation, state approximate area being cultivated.)
 12. Construction will start about 5/15/82
Month Year

- PLACE OF USE
13. Township 1N
 14. Range 1E
 15. Section 27
 16. Legal description of land water is to be used on
91ST AVE WASTEWATER TREATMENT PLANT
 17. Design Pump Capacity
NONE (UNDER 35 GPM)
 18. Action Requested
Drill X
Deepen _____
Replace _____
 19. This notice filed by
Owner _____
Lessee _____
Driller X

DO NOT WRITE IN THIS SPACE
 OFFICE RECORD

FILE NO A(1-1)27 bdc
 FILED 5-4-82 BY JE
 INPUT 5-13-82 BY JA
 DUPLICATE MAILED 5-11-82 BY AK
 REGISTRATION NO 55-502780
 NON EXPANSION AREA Phoenix

ARIZONA DEPT OF WATER RESOURCES
 MAY -4 1982

M.M. SONDT CONSTR. CO.
 Name
P.O. BOX 21627
 Address
PHOENIX ARIZONA 85036
 City State Zip
 20 Drillers Name
GILS DRILLING & EXC. INC
 Name
2245 W. SHANGRI LA
 Address
PHX. AZ. 85029
 City State Zip
A5: 32876 (284)
 Department License Number

1. Fill out this form in duplicate and mail to P.O. Box 2600, Phoenix, Arizona, 85002, or deliver to 99 East Virginia, Suite 100, Phoenix, Arizona 85004.
2. If the Exempt Well is in fact a replacement (or deepening) well, state the registration number of the existing well.
3. Construction standards for new and replacement wells and the deepening and abandonment of existing wells, shall be in accordance with Department Rules and Regulations.

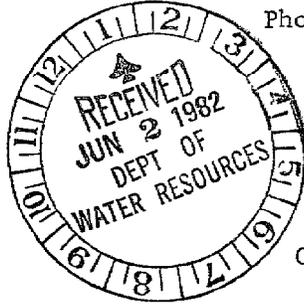
I, Bill Zeiss, state that the construction will be under the direct and personal supervision of the well driller designated on this form and that the designated driller holds a contractors license pursuant to ARS 45-595.

Date 5/3/82

Bill Zeiss
 Signature of Person Filing

MICROFILMED

#1



Registration No 55-502780
Owner of
Well Site City of Phoenix
File No A(1-1)27bdc

COMPLETION REPORT

- 1 Completion Report to be filed with the Department within 30 days after installation of pump equipment
- 2 The tested pumping capacity of the well in gallons per minute for a non-flowing well should be determined by measuring the discharge of the pump after continuous operation for at least 4 hours and for a flowing well by measuring the natural flow at the land surface
- 3 Drawdown of the water level for a non-flowing well should be measured in feet after not less than 4 hours of continuous operation and while still in operation and for a flowing well the shut-in pressure should be measured in feet above the land or in pounds per square inch at the land surface
4. The static groundwater level should be measured in feet from the land surface immediately prior to the well capacity test

LOCATION OF THE WELL

IN 1E 27 SW 1/4 SE 1/4 NW 1/4

Date Well Completed 5/27/82 Depth of Well 40'

1 Well Test
Test Pumping Capacity N/A Date Well Tested _____
(Gal per min)

Method of Discharge Measurement _____
(weir, orifice, current meter, etc)

Static Groundwater Level 22' ft Drawdown _____ f

Total Pumping Lift _____ ft Drawdown _____ lbs
(Flowing Well)

2 Equipment Installed

Kind of Pump N/A
(turbine, centrifugal, etc)

Kind of Power _____ H.P. Rating of Motor _____
(Elec., Nat Gas, Etc)

I HEREBY CERTIFY that the above statements are true to the best of my knowledge and belief

Bill Zerin
Signature

2630 S. 20th PL
Address

PHX AZ 85036
City State Zip

5/27/82
Date 1982

C-3-82

WELL DRILLER REPORT

This report should be prepared by the driller in all detail and filed with the Department within 30 days following completion of the well

1 Owner _____ Name _____

_____ Address _____

2 Lessee or Operator _____ Name _____

_____ Address _____

3 Driller Albert Castillo Name _____

3933w Mont E Vista Rd 85009 Address _____

4 Location of well 91st Ave Waste Water Treatment Plant

5 Permit No 55-502780
(if issued)

DESCRIPTION OF WELL

6 Total depth of hole 40' ft.

7 Type of Casing STEEL

8 Diameter and length of casing 1 1/8" in from 0' to 40', _____ in from _____ to _____

9 Method of sealing at reduction points _____

10 Perforated from 20' to 40', from _____ to _____, from _____ to _____

11 Size of cuts 0.187 inch Number of cuts per foot 16

12 If screen was installed Length _____ ft Diam _____ in Type _____

13 Method of construction Drill with Rig 15R
drilled, dug, driven, bored, jetted, etc

14 Date started 5 27 1982
Month day year

15 Date completed 5 27 1982
Month day year

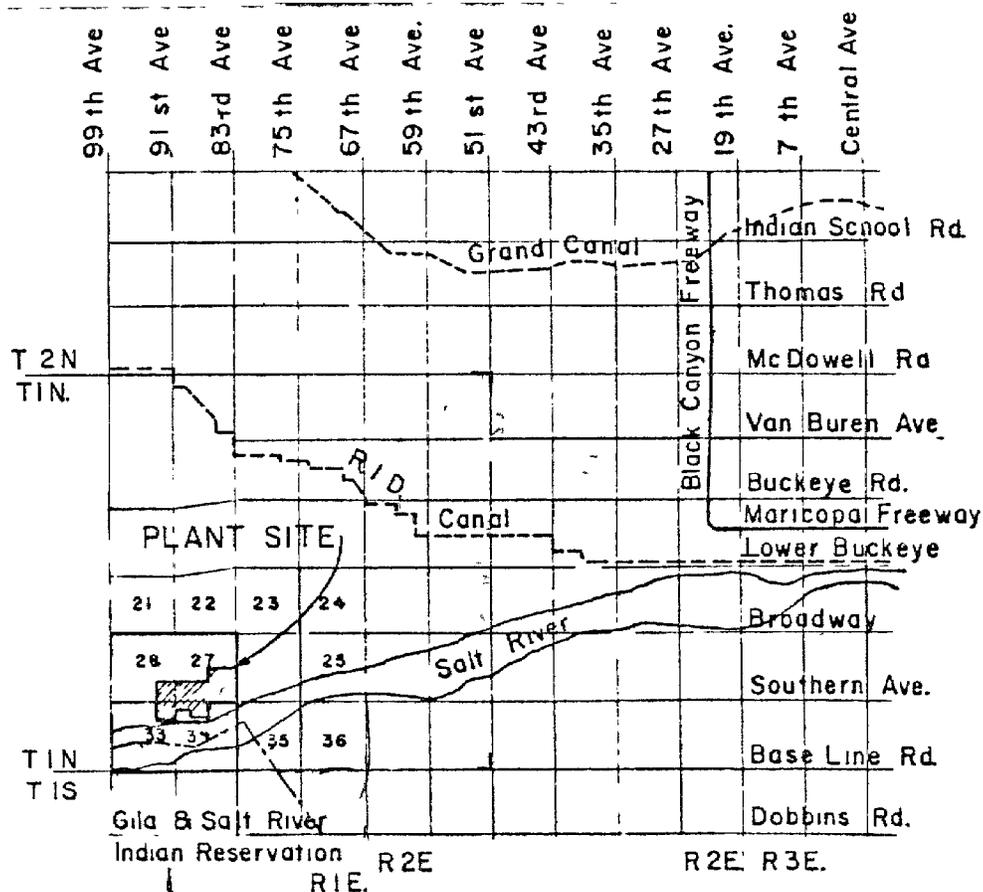
16 Depth to water 20' ft (If flowing well, so state)

17 Describe point from which depth measurements were made, and give sea-level elevation if available From top of Payment.

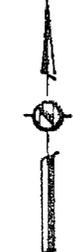
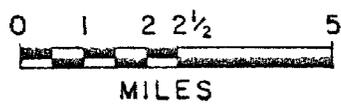
18 If flowing well, state method of flow regulation _____

19 REMARKS _____

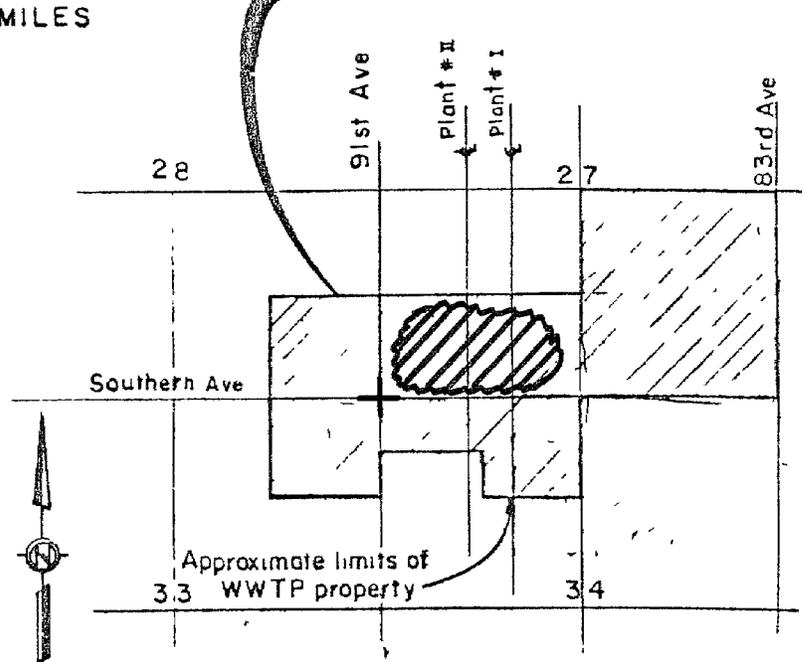
DO NOT WRITE IN THIS SPACE	
OFFICE RECORD	
Registration No	<u>55-502780</u>
Received	By _____
Entered	<u>6-8-82</u> By _____
File No	<u>A(1-1)27bdc</u>



LOCATION MAP



91st AVE WASTEWATER TREATMENT PLANT



VICINITY MAP



State of Arizona
DEPARTMENT OF WATER RESOURCES

99 E Virginia Avenue, Phoenix, Arizona 85004



BRUCE BABBITT, Governor
WESLEY E STEINER, Director

May 12, 1982

City of Phoenix
Water & Sewers Dept
125 E Washington
Phoenix AZ 85004

File No. A(1-1)27bdc

Registration No. 55-502780

Dear Well Owner:

A copy of Notice of Intention to Drill a Well is returned to you for your records. Your driller has been mailed separately a Well Drilling Card, Well Drilling Report, and a Completion Report.

ARS 45-600 requires the driller to furnish this Department a complete and accurate log of the well within 30 days of completion of drilling, and a Completion Report within 30 days after installation of pumping equipment.

Also enclosed for your future use is a Change of Well Information Form. Per ARS 45-593, the person to whom a well is registered shall notify this Department of a change in ownership of the well and information pertaining to the physical aspects of the well to keep the well registration record current and accurate.

In the event it is necessary to change the location of the proposed well, you should obtain the written permission of the Department of Water Resources before proceeding with the drilling.

Very truly yours,

Richard A. Gessner
Chief, Operations Branch

RAG /pb
Enclosures

Think Conservation!

Office of Director 255-1554

Administration 255-1550, Water Resources and Flood Control Planning 255 1566, Dam Safety 255-1541,
Flood Warning Office 255-1548, Water Rights Administration 255-1581, Hydrology 255-1586

M. Sundt Construction Co.
 P. O. Box 21627
 Phoenix, AZ 85036

STATE OF ARIZONA
 DEPARTMENT OF WATER RESOURCES
 WATER RIGHTS ADMINISTRATION
 99 EAST VIRGINIA
 PHOENIX, ARIZONA 85004

RECEIPT

KIND ENTRY	FILE REFERENCE NO
55	502780
	THRU
55	501797

For: City of Phoenix

FUND SOURCE	ACCOUNT NO			INT ACCT	ITEM DESCRIPTION	RATE	\$ AMOUNT
	AGENCY	CHAPTER	DIV				
					Filing fee for Notices of Intention to Drill Exempt Wells (8)		24.00
					File #A(1-1)27 bdc, Regis. #55-502780		
					A(1-1)27 acc, " 55-502781		WAITER PAYMENT
					A(1-1)27 bdc, " 55-502782		GUESTS 6
					A(1-1)27 dcc, " 55-502783		CHK NO 8510
					A(1-1)27 bcc, " 55-502784		6@ 3.00
					A(1-1)27 cdc, " 55-502785		55-I 18.00
					A(1-1)27 cdc, " 55-502786		2@ 3.00
					A(1-1)27 ccc, " 55-502787		55-I 6.00
							TAX 0.00
							TOTL 24.00

Check #8510

05-10-82

JR

TOTAL

\$	24.00
# 7830	12:56

WATER RIGHTS