

Registration No. 55-502202
Owner of
Well Site Roosevelt Water Conservation Dist.
File No. A(1-6)26 dcb

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

T1N, R6E, Sec. 26, NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$
Date Well Completed 6-1-82 Depth of Well 1200'

1. Well Test:
Test Pumping Capacity 2988 Date Well Tested 6-18-82
(Gal. per min.)
Method of Discharge Measurement Orifice
(weir, orifice, current meter, etc.)

Static Groundwater Level 483 ft. Drawdown 49 ft.
Total Pumping Lift 532 ft. Drawdown _____ lbs.
(Flowing Well)

2. Equipment Installed:
Kind of Pump TURBINE
(turbine, centrifugal, etc.)
Kind of Power ELECTRIC H.P. Rating of Motor 500 H.P.
(Elec., Nat. Gas, Etc.)

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

David Bowen
Signature
9002 S. Hardy Drive
Address

June 22, 19 82
Date

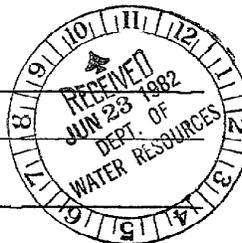
Tempe AZ 85824
City State Zip

10-13-83
David Bowen

RECEIVED
OCT 12 1983
WATER RESOURCES
MICROFILMED

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 Roosevelt Water Conservation District
Name
P.O. Box 168 Higley, AZ 85236
Address
2. Lessee or Operator Layne-Western Company, Inc.
Name
9002 S. Hardy Drive Tempe, AZ 85284
Address
3. Driller Ismael Sungino
Name
4128 E. Jicarilla St. Phoenix, AZ 85044
Address

4. Location of well: T1N, R6E, Sec. 26, ~~SW 1/4~~
5. Permit No. Q-502202 NW 1/4 SW 1/4 SE 1/4
(if issued)

DESCRIPTION OF WELL

6. Total depth of hole 1215 ft.
7. Type of Casing Grade B .312 wall
8. Diameter and length of casing 18 in. from Top to 1200, _____ in from _____ to _____
9. Method of sealing at reduction points Weld 1/2" plate
10. Perforated from 496' to 1200', from _____ to _____, from _____ to _____
11. Size of cuts 1/8" X 3" Number of cuts per foot 56
12. If screen was installed: Length 700 ft. Diam 18 in. Type Mill Slot
13. Method of construction Drilled reverse
drilled, dug, driven, bored, jetted, etc.
14. Date started May 22 1982
Month day year
15. Date completed June 02 1982
Month day year
16. Depth to water _____ ft. (If flowing well, so state.)
17. Describe points from which depth measurements were made, and give sea level elevation if available. Top of ground

18. If flowing well, state method of flow regulation _____

19. REMARKS: _____

DO NOT WRITE IN THIS SPACE	
OFFICE RECORD	
Registration No. <u>55-502202</u>	
Received _____	By _____
Entered <u>6-24-82</u>	By _____
File No. <u>A(1-6)26-602</u>	

DCB

(Well log to appear on Reverse side)

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LOG OF WELL

Indicate depth at which water was first encountered, and the depth and thickness of water bearing beds. If water is artesian, indicate depth at which encountered, and depth to which it rose in well.

FROM (FEET)	TO (FEET)	DESCRIPTION OF FORMATION MATERIAL
Top	107'	Sandy clay
107'	206'	Boulders
206'	246'	Sand and gravel with little clay
246'	296'	Sand and gravel
296'	426'	Clay with sand and gravel
426'	440'	Gravel
440'	486'	Sand and gravel
486'	495'	Loose sand and gravel
495'	506'	Sand and gravel
506'	655'	Sand and gravel with little layer of clay
655'	686'	Gravel and sand (cemented)
686'	696'	Clay with little gravel
696'	716'	Sticky clay with little sand and gravel
716'	746'	More gravel with little sand and clay
746'	755'	Clay with little sand and gravel
755'	760'	Hard clay with sand and gravel
760'	886'	Clay, sand and gravel
886'	926'	More clay with little sand and gravel
926'	936'	Layer of hard clay
936'	956'	Soft white clay
956'	966'	Gravel with little clay
966'	996'	Sticky clay
996'	1006'	Hard clay
1006'	1046'	Sticky clay
1046'	1066'	Clay with sand
1066'	1166'	Soft clay with sand
1166'	1176'	Clay with gravel
1176'	1186'	Clay with sand
1186'	1215'	Clay

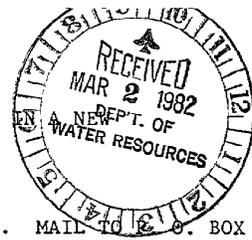
I hereby certify that this well was drilled by me (or under my supervision), and that each and all of the statements herein contained are true to the best of my knowledge and belief.

Driller Dave Bowen for
I. Y. Sungino *Dave Bowen*
Layne-Western Company, Inc.
9002 S. Hardy Dr., Tempe, AZ 85284
Address

Date June 16, 1982

DEPARTMENT OF WATER RESOURCES
99 East Virginia
Phoenix, Arizona 85004

APPLICATION FOR A PERMIT FOR A NON-EXEMPT NEW WELL OR REPLACEMENT WELL
LOCATION IN ACTIVE MANAGEMENT AREAS



I. GENERAL INSTRUCTIONS:

1. COMPLETE ALL APPROPRIATE ITEMS ON THIS APPLICATION AND SIGN ON BACK. MAIL TO P.O. BOX 2600, PHOENIX, ARIZONA 85002.
2. Application must be filed in duplicate.
3. Application fee is \$8.00
4. Permit fee of _____ will be requested prior to issue of permit.
5. A replacement well shall not increase irrigated acreage.
6. A new well constructed by a city, town, private water company or an irrigation district shall comply with appropriate limitations cited in Article 6, A.R.S. 45-493 and 45-494 of the Groundwater Management Act of 1980.
7. Use explanatory on back for clarification, if necessary.

NAME OF APPLICANT ROOSEVELT WATER CONSERVATION DISTRICT

P. O. Box 168 Higley, Arizona 85236 963-3414
(Mailing Address, City, State, Zip Code) Telephone Number

Applicant is: Owner Lessee Proposed Well is New Well
 Replacement Well in new location

I. GENERAL DATA ON PROPOSED WELL:

1. Location of well NW 1/4 SW 1/4 SE 1/4 of Sec. 26 Twp. 1N Rge. 6E
2. Owner of well: ROOSEVELT WATER CONSERVATION DISTRICT
Name Higley & Williams Field Roads
Address Higley, Arizona 85236
City Higley State Arizona Zip 85236
Telephone No. 963-3414
3. Owner of Land: Roosevelt Water Conservation District
Name Higley & Williams Field Roads
Address Higley, Arizona 85236
City Higley State Arizona Zip 85236
4. Place of use of withdrawn water: Inside boundaries of RWCD
1/4 1/4 1/4 of Sec. _____ None
Twp. _____ Rge. _____
(Legal Subdivision Description)
5. Diameter 18" Casing
6. Depth approx. 1200'
7. Type of casing: Steel
8. Principle use of water: Irrigation
9. Other intended uses: _____
10. Name and address of drill
Name To be determined upon let
of bids. _____
Address _____
Department License No. _____
11. Construction will start
about: Within 30 days of approval
from DWR.
12. Design pump capacity: 2,250 gpm

13. Claim of entitlement to withdraw groundwater pursuant to Article 5 or 6 of the Code is based on the following facts: Please indicate the application number for your Grandfathered Right Application - 78- _____; The right of a water company to withdraw and transport groundwater within its service area for the benefit of landowners and residents within its service area.

III. SPECIFIC DATA FOR NEW WELL:

1. New well is located in the Salt River sub-basin of the Phoenix Active Management Area.
2. Withdrawn groundwater will be used in the Salt River sub-basin of the Phoenix Active Management Area.
3. Will groundwater be withdrawn in your Service Area? Yes
4. Will withdrawn groundwater be used in your Service Area? Yes
5. Who will use this groundwater? Landowners in the Roosevelt Water Conservation Dist. boundaries.
6. Has current map of Service Area been furnished the Department as required by A.R.S. 45-498? yes (If no, enclose as part of this application).

IV. SPECIFIC DATA FOR REPLACEMENT WELL:

1. Location of original well: See cover letter
1/4 1/4 1/4 of Sec. _____ Twp. _____ Rge. _____
(10 acre subdivision)
2. Owner of land of original well:
Roosevelt Water Conservation District
Name _____
P. O. Box 168, Higley, Arizona 85236
Mailing Address _____

DO NOT WRITE IN THIS SPACE
OFFICE RECORD

Application No. 55-502202
(Registration)

Permit No. 0-502202

File No. A(1-6)26 del

Filed 3-2-82 By JR

Input 3-4-82 By MP

Duplicate Mailed 3-26-82 By JR

AMA Phoenix

1. Diameter _____
4. Depth _____
5. Original Well File Number _____
6. Original well withdrawal _____
(acre feet per year)
7. Plan of abandonment of original well Already abandoned
-
8. Place of use of withdrawn groundwater: Inside boundaries of RWCD
Twp. _____ Rge. _____ Sec. _____
_____ $\frac{1}{4}$ _____ $\frac{1}{4}$ _____ $\frac{1}{4}$ _____
(Acres)
9. Distance in feet between original well and replacement well _____
10. Proposed withdrawal of replacement well approximately 3,000 a.f. per year
(Must not be more consumptive than _____
original well). (Acre feet per year)

EXPLANATORY:

See attached cover letter.

It is understood that the permit, if granted, will be in accordance with the Groundwater Management Act of 1980, and that the permittee will be bound by the provisions of such law and the provisions of the permit issued herefor. The above described well shall be completed within one year of receipt of the permit. If the well is not completed within one year, the applicant shall file a new application for a permit.

I, ROOSEVELT WATER CONSERVATION DISTRICT, state that the construction will be
(print name of applicant)
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 Title 32, Chapter 10, Article 2, and holds a well driller's license pursuant to A.R.S. 48-595.

March 1, 1982
Date

Stan R. Ward
Signature of Applicant

ENDORSEMENT NO. 1

Application is

- Rejected
- Returned for: Completion _____
Correction _____
Other _____
- Approved for Receipt

Judy Rivera

ENDORSEMENT NO. 2

Application is

- Rejected
- Returned for: Completion _____
Correction _____
Other _____
- Approved for Receipt

PERMIT

PERMIT NO. Q- 502202

FILE NO. A(1-6)26 dcb

STATE OF ARIZONA)
) ss.
COUNTY OF MARICOPA)

REGISTRATION NO. 55-502202

This is to certify that I have examined the foregoing application and have determined that the well described will not unreasonably damage the surrounding land or other water users due to a concentration of wells. I grant to the applicant a permit to construct a new well by a city, town, private water company or an irrigation district, or to construct a replacement well in a new location. This permit does not grant to the Applicant the right to irrigate any acres which are not so eligible pursuant to A.R.S. §45-452(A), or to withdraw groundwater for non-irrigation purposes in amounts not authorized by A.R.S. §45-463, 464, or 469. The well granted by this permit shall be drilled in accordance with construction standards adopted by the Department of Water Resources for new and replacement wells. If the well is abandoned, it shall be abandoned in accordance with Department standards. The proposed well is described as follows:

Applicant Roosevelt Water Conservation District, P. O. Box 168, Higley, Arizona 85236

Location: Township 1 North Range 6 East Section 26, NW 1/4, SW 1/4, SE 1/4

Depth 1200 Feet Diameter 18 Inches Casing Type Steel

Maximum Pumping Capacity 2,250 Gallons Per Minute

Authorized Use of Groundwater The right of an irrigation district to withdraw and transport groundwater within its service area for the benefit of landowners within its service area, and the landowners are entitled to use the groundwater delivered pursuant to Section 45-494.

*Land That Withdrawn Water Will Be Used Upon: Within RWCD boundaries.

Township _____ Range _____ Section _____

Witness my hand and seal of office this 26th day of MARCH, 1982.

W. Don Maughan
W. Don Maughan, Deputy Director

*The granting of this permit represents a determination only that the well herein described is located so as not to unreasonably damage surrounding land or water users. The 1980 Groundwater Management Act (Title 45, Chapter 2, Arizona Revised Statutes) strictly regulates all withdrawals and uses of groundwater within Active Management Areas. The Applicant is expressly put on notice that should he not be issued a certificate of grandfathered right pursuant to A.R.S. §45-481 for the lands herein described, that the irrigation of these lands by Applicant will be in violation of A.R.S. §45-451(A) and §45-452(A).

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ROOSEVELT WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

Division One

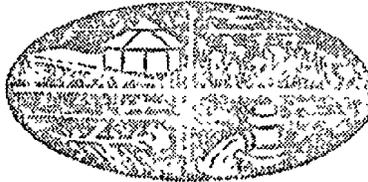
L. T. Armistead
P. W. Brock
O. E. Hamm

Division Two

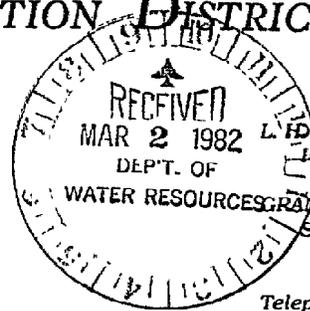
M. W. Dobson
K. C. Morrison
L. H. Sharp

Division Three

H. F. Backer
W. R. Hanger
D. W. Patterson



POST OFFICE BOX 168
HIGLEY, ARIZONA 85236



L. H. SHARP
President

GRANT R. WARD
Secretary General Mgr.

Telephone
602 963 3414

March 1, 1982

Mr. Don Maughan
State of Arizona
Department of Water Resources
99 East Virginia Avenue
Phoenix, Arizona 85004

Dear Don:

Enclosed please find applications for the drilling of two irrigation wells to replace earlier abandoned irrigation wells.

As I discussed with you on the telephone last Friday, we have difficulty in determining which abandoned wells have already been used in the recording data with the Department of Water Resources (and its predecessor). No records were kept in the District prior to 1975 in regard to those wells which were replaced. We know, in fact, that we have approximately 9 more wells of our total abandoned wells which have not been shown as a replacement well; but, again, we are unsure which of the total abandoned wells were in the 9 that have not been replaced.

We, therefore, have had some difficulty in filling out under No. IV of your application, Items #1, 3 thru 6, and 9. We can tell you, however, that due to the present depth of pumping we cannot meet the quantity pumped from the earlier wells utilized, and, therefore, can answer Item #10 that, in fact, the new wells do not use more water than the original wells.

We might also state as to Item #9 that the closest well to the new proposed wells is approximately 1/4 of a mile, and they are also RWCD wells.

We would hope this information would suffice to qualify our application for the drilling of two new wells. If you have any questions or we can be of any assistance, please do not hesitate to call.

Yours very truly,

Grant R. Ward
General Manager

GRW/jes

Enclosures

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State of Arizona
DEPARTMENT OF WATER RESOURCES

99 E Virginia Avenue, Phoenix, Arizona 85004

March 26, 1982



BRUCE BABBITT, Governor
WESLEY E. STEINER, Director

Roosevelt Water Conservation District
P. O. Box 168
Higley, Arizona 85236

Registration NO. 55-502202 and
55-502203

Dear Well Owner:

Enclosed is a copy of your permit for your records, also a Well Drilling Card, Well Drilling Report, and a Completion Report for your well driller. The drilling authority granted by this permit via the drilling card will be valid only when drilled by a currently registered and licensed driller and after the Department has been furnished the name and address of the driller by certified mail.

Arizona Revised Statute 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 Arizona Revised Statute 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.

Sincerely,

Richard A. Gessner
Chief, Operation Branch

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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.

File number A(1-6)26 dcb

Reference number 55-502202-Q

SEC. 26

TWP. 1N
RGE. 6E

N

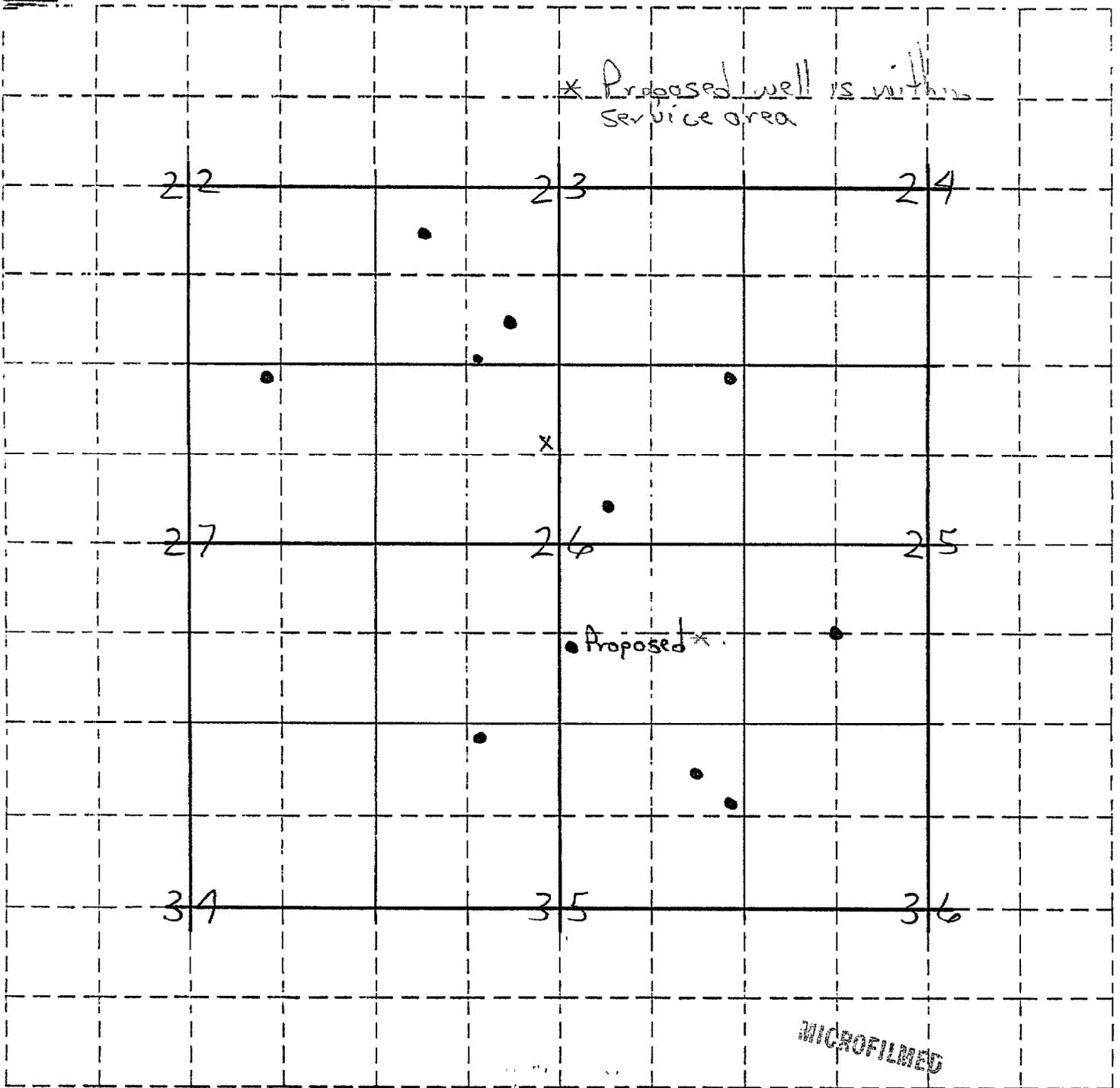
Existing well to be replaced or supplemented

Service area or area to be irrigated

- Wells of record owned by other than applicant
- Wells of record owned by applicant

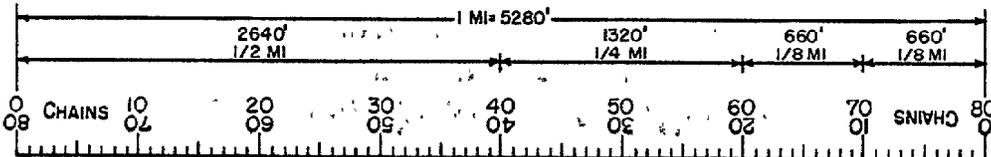
DEPT. OF WATER RESOURCES

* Proposed well is within service area



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1-ROD = 16 1/2 FEET
 1 CHAIN = 66 FEET
 1 ACRE = 43560 SQ. FT.



1 MILE =
 5280 FEET
 80 CHAINS
 320 RODS
 1760 YARDS
 1609.3 METERS



Section Chief Marge Watson

Date _____ C.E. _____

Routed to Branch on _____ by _____

Date _____ C.E. _____

Date _____ C.E. _____

Date _____ C.E. _____

Roosevelt Water Conservation District.

APPLICATION A(1-6)26 dcb, 502202 FOR Rep. Well FILED 3/2/82
(Surface Water, Replacement Well
Groundwater Withdrawal Permit)

1. FACTS: Proposed Well within service area.
Withdrawal: 2,250 gpm or 3,000 AFA
Use: Irrigation

2. SECTION CHIEF COMMENTS: Dist. has 9 abandoned wells but cannot determine
which of those 9 would fit with this replacement.
Closest well to replacement well is 1/4 mile.
Driller out for bid
Well right on RWCD Canal

3. I have referred this application to the following divisions and branches for coordination:

Hearing Branch by _____ on _____ AMA Division by _____ on _____

Legal Section by _____ on _____ Hydrology Division by _____ on _____

4. I, Dick Komer, have studied the foregoing application and find the following facts favorable and unfavorable to the approval of that application:

Favorable and for approval

Unfavorable and against approval

No adjacent well
contamination

Proposed well is
located within service area

original well already
abandoned (see letter of 3/1/82
from Hunt Ward)

5. I recommend this application be:

a. Approved for a period of N/A years with the following conditions:

b. Denied because _____

6. IPR Committee Findings:

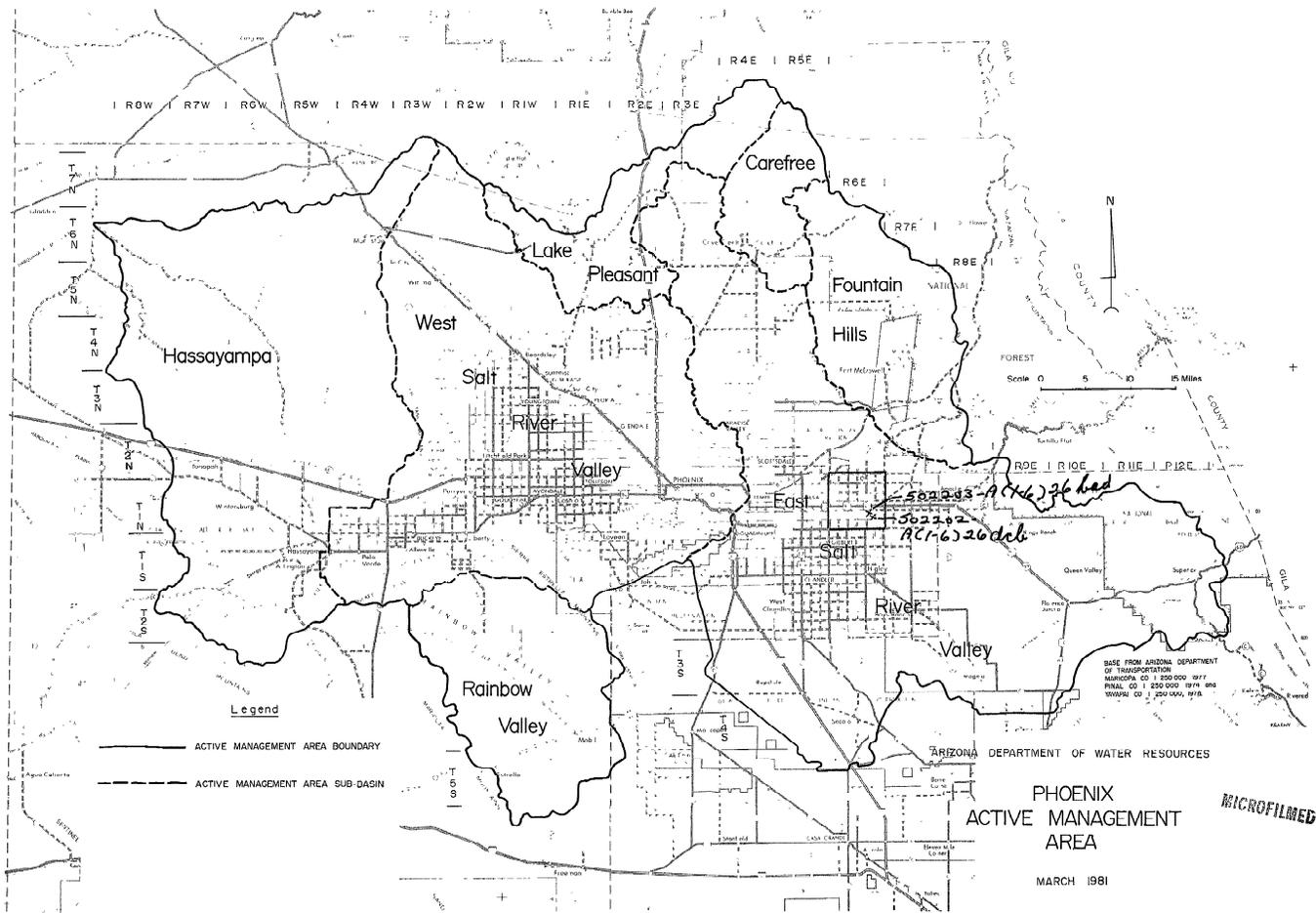
a. We agree with recommendations in No. 5 except: _____

b. We disagree with recommendations in No. 5 because: _____

Review Chairman: Dick Komer Date 3/5/82 Members Present: _____

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Signed
3-26-82
WAS:m



Legend

— ACTIVE MANAGEMENT AREA BOUNDARY

- - - ACTIVE MANAGEMENT AREA SUB-BASIN

BASE FROM ARIZONA DEPARTMENT OF TRANSPORTATION MARICOPA CO 1:250,000 1977 PINAL CO 1:250,000 1978 AND WAPAI CO 1:250,000 1978

ARIZONA DEPARTMENT OF WATER RESOURCES

PHOENIX ACTIVE MANAGEMENT AREA

MARCH 1981

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Roosevelt Water Conservation District
 P.O. Box 100
 Phoenix, AZ 85001-0100

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

RECEIPT

KIND ENTRY	FILE REFERENCE NO.
55	5.22.2
	THRU
58	5.22.3

FUND SOURCE	ACCOUNT NO.			INT. ACCT.	ITEM DESCRIPTION	RATE	\$ AMOUNT
	AGENCY	CHAPTER	DIV.				
					application fee for a Q-Permit for a Non-Exempt Well Replacement in a New Location in A.A.		10.00
					File #A 1-3 20 ecb, Registration #58-5022-2		
					File #A 1-3 20 bau, Registration #58-5022-3		
					Check #123		
						RECEIPT PAYMENT QUESTS 2 CHK NO 5000 58-5022-2 5.00 58-5022-3 10.00 TAX 0.00 TOTAL 15.00 DEPOSITED 15.00	

3- - 2

TOTAL \$ 15.00

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