

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

Well 3 of 7
Job No. 2186J015

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.

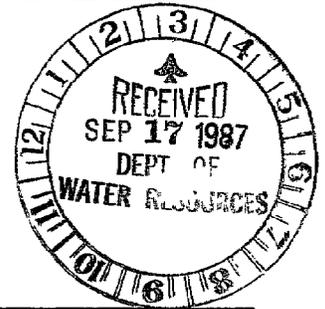
1. Owner CITY OF PHOENIX
2441 South 22nd Avenue Phoenix, Arizona 85036
Name
Mailing Address

2. Driller Manuel F. Hernandez
3737 East Broadway Road Phoenix, Arizona 85036
Name
Mailing Address

3. Location of well: 4019 West Glenrosa Phoenix, Arizona

4. Permit No. _____
(if issued)

DESCRIPTION OF WELL



5. Total depth of hole 130 ft.

6. Type of casing PVC

7. Diameter and length of casing 4 in. from 0 to 130, _____ in from _____ to _____

8. Method of sealing at reduction points No reduction points

9. Perforated from 90 to 130, from _____ to _____, from _____ to _____.

10. Size of cuts .020 Number of cuts per foot _____

11. If screen was installed: Length 40 ft. Diam 4 in. Type PVC

12. Method of construction Drilled
drilled, dug, driven, bored, jetted, etc.

13. Date started 6/24/86
Month Day Year

14. Date completed 6/28/86
Month Day Year

15. Depth to water 115' static _____ ft. (If flowing well, so state.)

16. Describe point from which depth measurements were made, and give sea-level elevation if available ground level

17. If flowing well, state method of flow regulation: Static water

18. Remarks: _____

DO NOT WRITE IN THIS SPACE	
OFFICE RECORD	
Registration No.	<u>55-514564</u>
Received	_____ By _____
Entered	ENTERED SEP 18 1987
File No.	<u>A(2-2)22 cac</u>

MICROFILMED

A 020 020 22 CDB WR 514564 FILE TYPE: APPLICATION WELL TYPE: MONITOR PIEZ
DATE ISSUED: 06 11 986 PLANNED PUMP CAP:

NAME: GROUNDWATER TECH INC IN CARE OF: #6/STE #116
1100 E UNIVERSITY DR
TEMPE AZ 85281

ACCURACY: NOT VERIFIED WATER USES: TEST
AREA: PHOENIX AMA
SUB-BASIN: WEST SALT RIVER VALLEY
WATERSHED: SALT RIVER WELL USES: PIEZOMETER
COUNTY: MARICOPA
OWNER: CITY DRILLER: 263

WELL DPTH: 130 FT CASE DIAM: 4 IN CASE DPTH: 130 FT METH DET:
PUMP CAP: FINISH: PVC ACRES IRR: YIELD:
DRAW DOWN: WATER LVL: 115 FT LIFT: POWER:
DATE COMPLETED: 06 28 986
POU #1: POU #2:

STATUS: DATA X OWN X LOG X CRT N PQ NBR: IPQ STATUS:

ENTER - READ NEXT RECORD
4B A

CLEAR TO RETURN TO SELECTION CRITERIA
↑ ==PC LINE 2 COL 22

**WESTERN
TECHNOLOGIES
INC.**

3737 East Broadway Road
P O Box 21387
Phoenix, Arizona 85036
602-437-3737



Gabriel R. Escamillo, Jr.
Associate / Manager
Geotechnical Exploration

0021222321232222

Quality Management
Geotechnical, Construction Materials, Chemistry & Environmental Engineering
ARIZONA • NEVADA • NEW MEXICO

Arizona Department of Water Resources
99 East Virginia Avenue
Phoenix, Arizona 85004

March 16, 1987

Attn: Marge Watson

Re: Change of Legal Description

Dear Marge:

The following is a list of wells that were requested by me for the City of Phoenix North West Service Center Project. I used the wrong legal description. Please correct them for me.

<u>ADWR REGISTRATION NUMBER</u>	<u>MONITORING WELL NUMBER</u>	<u>1/4 SECTIONS</u>
-514429	8	CDB
-514559	1	CDB
-514561	2	CDB
-514562	3	CDB
-514563	4	CDB
-514564	6	CDB
-514565	7	CDB
-514566	GTP	CDB
-514743	9	CAC
-514744	10	CDB
-514745	11	CDB
-514746	12	CAC
-514747	13	CAC
-515553	14	CAC
-515554	15	CAC
-515555	16	CAC
-515556	17	CAC
-515557	18	CAC

515558 and 515979 have yet to be used.

Sincerely,

WESTERN TECHNOLOGIES INC.
Geotechnical Exploration

Gabriel R. Escamillo Jr.

Gabriel R. Escamillo, Jr.
Director



ENTERED MAR 27 1987

MICROFILMED

WESTERN TECHNOLOGIES INC
 P O BOX 21387
 PHOENIX ARIZONA 85036

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

RECEIPT

KIND ENTRY	FILE REFERENCE NO.
55	514559
	THRU
55	514566

CITY OF PHOENIX

FUND SOURCE	ACCOUNT NO.			INT. ACCT.	ITEM DESCRIPTION	RATE	\$ AMOUNT
	AGENCY	CHAPTER	DIV.				
					FILING FEE FOR NOTICE OF INTENTION TO DRILL	10.00	70.00
					7 WELLS		
					FILE NO A(2-2)22 cac REG NO 55-514559		
					A(2-2)22 cac 55-514561		
					A(2-2)22 cac 55-514562		
					A(2-2)22 cac 55-514563		
					A(2-2)22 cac 55-514564		
					A(2-2)22 cac 55-514565		
					A(2-2)22 cac 55-514566		
					WRITER PAYMENT		
					GUESTS 1		
					CHK NO 202278		
					55-1 70.00		
					TAX 0.00		
					TOTL 70.00		
					GEN.CHEK 70.00		

CHECK NO 202275
 6-11-66 mg

TOTAL \$70.00 A 5155-

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MONITOR/PIEZOMETER WELL
FILING FEE \$10.00

DEPARTMENT OF WATER RESOURCES (DWR)
NOTICE OF INTENTION TO DRILL
MONITOR/PIEZOMETER WELL

MONITOR/PIEZOMETER WELL
Well 5 of 7

Section 45-596, Arizona Revised Statutes and Rule R12-15-817 provide: Prior to drilling a monitor or piezometer well, the well owner or lessee shall file a Notice of Intention to Drill on a form provided by the Department.

WELL/LAND LOCATION

1. Township 2N N/S
Range 2E E/W
Section 22

List 10-acre subdivision
NW SE
SW NE
1/4, 1/4, 1/4, 1/4

2. County Maricopa

3. Applicant:

Western Technologies Inc.
Name

3737 East Broadway Road
Address

Phoenix, Arizona 85036
City State Zip

4. Gabriel R. Escamillo, Jr.
NAME OF CONTACT PERSON

Phone: 437-3737

Agency: _____

5. Owner of well:
City of Phoenix
Name

2441 South 22nd Avenue
Address

Phoenix, Arizona 85009
City State Zip

6. Purpose of well drilled pursuant to this Notice:

Monitor _____
Piezometer X

7. Owner of land:
City of Phoenix
Name

2441 South 22nd Avenue
Address

Phoenix, Arizona 85036
City State Zip

256-3248
Telephone number

8. Construction will start:
6/12/86
Month Day Year

9. Period well will remain in use: 1 year months/years

DO NOT WRITE IN THIS SPACE
OFFICE RECORD
File No. A(2-2)22 cdb
Filed 6-10-86 By mg
Input 6-13-86 By Yu.
Duplicate Mailed 6-11-86 By mg
Registration No. 55-514564
AMA/INA Phoenix
W/S 07 S/B 04

10. For monitoring wells, is pump equipment to be installed? No

(a) If so, what will be the design pump capacity?
N/A gallons per minute

(b) Type of pump (submersible, turbine, etc.)
N/A

(c) What use will be made of the water?
Contamination determination

11. Proposed method of abandonment of well after project is completed:

Per DWR Regulation
R 12-15-816
HYDROLOGY
APPROVED
PKF

12. Drilling firm:
Western Technologies Inc.
Name

3737 East Broadway Road
Address

Phoenix, Arizona 85036
City State Zip

263
DWR License Number

(continued on reverse)

GENERAL INSTRUCTIONS

Fill out this form in duplicate and mail to Department of Water Resources, Suite 100, 99 East Virginia, Phoenix, Arizona 85004. Filing fee must accompany Notice.

I state that this Notice is filed in compliance with Rule R12-15-809 and is complete and correct to the best of my knowledge and belief and that I understand the conditions set forth on the reverse side of this form.

DATE 6/9/86

Gabriel R. Escamillo Jr.
Signature of Applicant

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State of Arizona
DEPARTMENT OF WATER RESOURCES
99 E. Virginia Avenue, Phoenix, Arizona 85004

BRUCE BABBITT, Governor
KATHLEEN FERRIS, Director

June 10, 1986

Mr. Gabriel R. Escamillo, Jr.
Western Technologies, Inc.
P.O. Box 21387
Phoenix, Arizona 85036

Re: Request for Variance

Dear Mr. Escamillo:

We are in receipt of your letter dated June 9, 1986 requesting a construction variance for 7 piezometer wells. This letter constitutes our approval as described below.

The requirement to incorporate 20 feet of steel surface casing with 1 foot extending above grade is waived. Instead, 2" PVC casing may be used with the required grout seal, and the casing may terminate below ground level with a steel water tight vault constructed around the well. Also, a water tight cap shall be provided for the 2" P.V.C. casing.

If you have any questions, please call me.

Sincerely,

Robert K. Fifield

Robert K. Fifield
Hydrologist
Hydrology Division

mb

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.

MICROFILMED



**WESTERN
TECHNOLOGIES
INC.**

3737 East Broadway Road
P. O. Box 21387
Phoenix, Arizona 85036
(602) 437-3737

Department of Water Resources
99 East Virginia Avenue
Phoenix, Arizona 85004

June 9, 1986

Re: Request for Variance

Ref. No. 2176J181

Dear Sirs:

The City of Phoenix has contracted with us to install 7 pizometers at the N.W. Service Center. The location services City of Phoenix vehicles and has heavy traffic. We request a variance on the seven wells to include the following:

- The well be completed flush with the ground surface with a water tight vault and a 2' x 2' x 6" concrete pad.
- That the requirement for a 20' steel surface casing be deleted.

We thank you for your consideration.

Sincerely,

WESTERN TECHNOLOGIES INC.
Geotechnical Exploration

Gabriel R. Escamillo Jr

Gabriel R. Escamillo, Jr.
Manager

jh

MICROFILMED

Date _____

Checked By _____

Date _____

s.f.

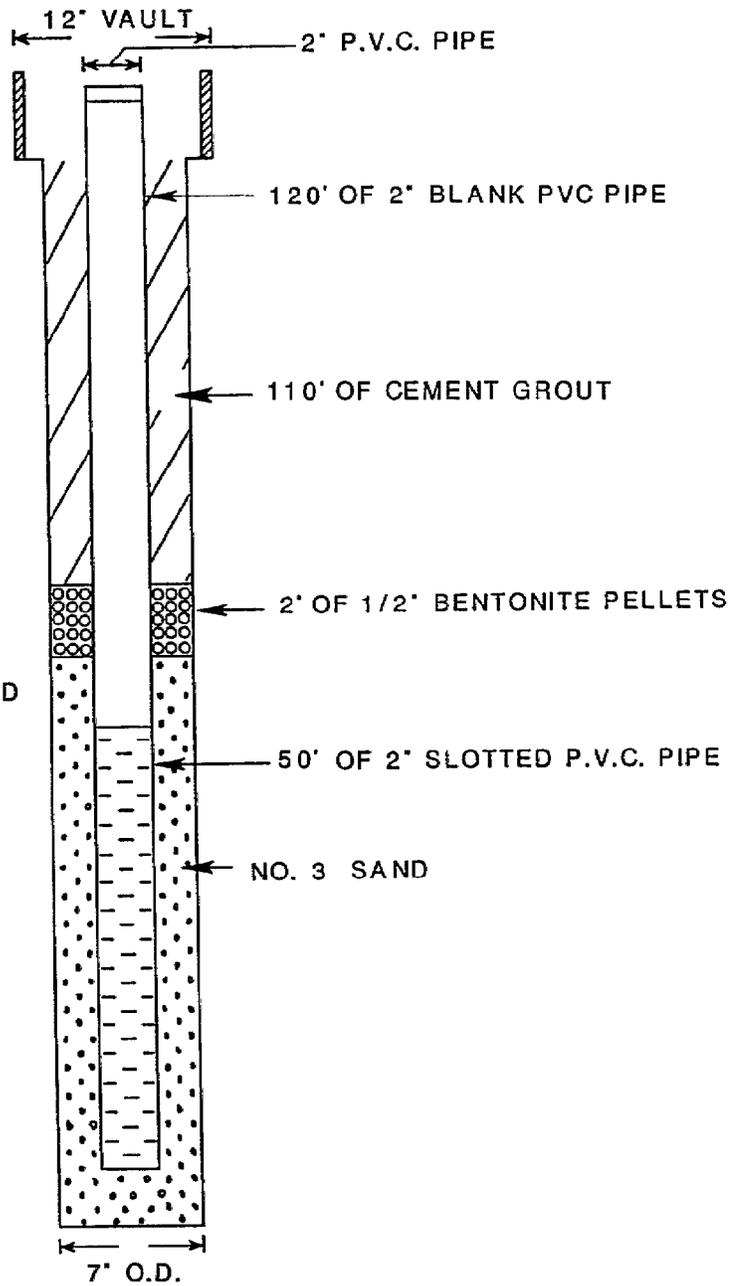
Prepared By _____



WATER TIGHT VAULT

WATER MONITORING WELL

- 170' FT. DEEP
- 2" PVC PIPE
- WATER TIGHT STEEL VAULT
- 2' X 2' X 6' CONCRETE SURFACE PAD
- LOCATION: CITY OF PHOENIX N.W. SERVICE CENTER



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State of Arizona

DEPARTMENT OF WATER RESOURCES

99 E. Virginia Avenue, Phoenix, Arizona 85004

June 11, 1986



City of Phoenix
2441 South 22nd Ave.
Phoenix, Arizona 85009

BRUCE BABBITT, Governor
WESLEY E. STEINER, Director
Registration No. 55-514559 Thru 55-514566
File No. Various

Dear Well Owner:

Enclosed for your records is an annotated copy of the Notice of Intention to Drill an exploration well which was recently filed with this Department. This is returned to you as evidence of compliance with A.R.S. §45-596. Your designated driller has been mailed separately a Well Drilling Card which he is required to have in his possession before commencing to drill the well.

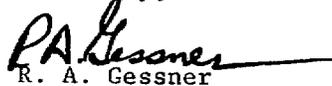
Since this well is being drilled as a monitor well, or for cathodic protection, grounding, geotechnical or piezometer purposes, our standard driller report form is also being furnished to the driller which he is required to complete and return to the Department within 30 days after the completion of drilling. A Completion Report form is being furnished for monitor wells where pump equipment is authorized to be installed as part of this packet so that you may submit the report within 30 days after the installation of pumping equipment on a monitor well as required by A.R.S. §45-600.

This well is authorized to be drilled for mineral exploration purposes. Because of this, no pump equipment may be installed. A Project Completion Report is being furnished your designated driller for each hole to be drilled. Your driller is required to submit this Project Completion Report within 30 days after completion of drilling. You should insist that this is done.

For monitor, geotechnical, cathodic protection, grounding and piezometer wells, you should obtain the written permission of the Department of Water Resources before proceeding with the drilling in the event that you determine it necessary to change the location of the proposed well. A properly signed amended Drilling Card must be in the possession of the driller before drilling commences at a different location than originally authorized.

For your future use, a Change of Well Information form is enclosed should it become needed. Per A.R.S. §45-593, the person to whom a well is registered shall notify this Department of a change of ownership of the well and/or information pertaining to the physical characteristics of the well, including abandonment, in order to keep the well registration file current and accurate.

Sincerely,


R. A. Gessner

Chief, Operations Division

RAG:mgj
Enclosures
DWR-55-8-8/84

Think Conservation!

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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.

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Quality Management
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Arizona Department of Water Resources
99 East Virginia Avenue
Phoenix, Arizona 85004

March 16, 1987

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Geotechnical Exploration

Gabriel R. Escamillo Jr

Gabriel R. Escamillo, Jr.
Director



ENTERED MAR 27 1987

MICROFILMED

DEPARTMENT OF WATER RESOURCES
99 East Virginia Avenue
Suite 100
Phoenix, Arizona 85004

CHANGE OF WELL INFORMATION

Registration No. 514564

I request the following information be changed in Well File Number A(2-2)22CDB

Date _____, 19____ Signature of Well Owner _____

STATEMENT OF CHANGE OF WELL OWNERSHIP

I, Groundwater Technology, Inc., state that I am (~~no longer~~) the (new) owner of the well described below:

Township 2N Range 2E Section 22, NW 1/4 SE 1/4 SW 1/4

Registration #55- 514564 File No. (A-2-2)22CDB

Susan Keith, Water Quality Advisor Groundwater Technology, Inc.
Previous Owner City of Phoenix New Owner

1015. Central; 5th floor
Address Barrister Place

607 S. 48th St, #103
Address

Phoenix, AZ 85004
City State Zip

Tempe, AZ 85281
City State Zip

NOTE: ARS §45-593 requires that the Department be notified of change of well ownership and that the well owner is required to keep the Department's Well Registration records current and accurate. Well data and ownership changes must be submitted within 30 days after changes take place.

NOTE: SAVE THIS FORM TO REPORT FUTURE
CHANGES IN OWNERSHIP OR WELL
DATA SUCH AS PUMP CAPACITY, ETC.

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