

STATE OF ARIZONA

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 Howard, Needles Tammen, & Bergendoff / State of Arizona Dept. of Transport
Name
9200 Ward Parkway, Kansas City, MO 64141 / 206 S. 17th Ave., Phoenix, AZ 85007
Address

2. Lessee or Operator _____
Name

Address

3. Driller Western Technologies, Inc.
Name
3737 E. Broadway Rd., Phoenix, AZ 85036
Address

4. Location of well: T1N R3E Section 15 SE 1/4 SW 1/4

5. Permit No. 55-506151
(if issued)

DESCRIPTION OF WELL

6. Total depth of hole 65 ft.

7. Type of Casing 2" PVC and 4" Steel surface casing

8. Diameter and length of casing 4 in. from 0' to 20', 2 in from 20' to 65'.

9. Method of sealing at reduction points Steel casing grouted in place

10. Perforated from 35' to 65', from _____ to _____, from _____ to _____

11. Size of cuts 1/16 inch, slots Number of cuts per foot 12

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

13. Method of construction Drilled, air rotary w/casing
drilled, dug, driven, bored, jetted, etc.

14. Date started 8 24 83
Month day year

15. Date completed 9 1 83
Month day year

16. Depth to water 37 ft. (If flowing well, so state.)

17. Describe point from which depth measurements were made, and give sea-level elevation if available. Ground surface, Elevation = 1088.04 Ft.

18. If flowing well, state method of flow regulation N/A

19. REMARKS: _____

DO NOT WRITE IN THIS SPACE	
OFFICE RECORD	
Registration No.	<u>55-506151</u>
Received _____	By _____
Entered <u>9 29 83</u>	By _____
File No.	<u>A(1-3)15cdd</u>

(Well log to appear on Reverse side) **MICROFILMED**

ARIZONA DEPARTMENT OF WATER RESOURCES
Operations Division
15 South 15th Avenue
Phoenix, Arizona 85007

04

CHANGE OF WELL INFORMATION

Well Reg. No. 506151
File (location) No. A(1-3)15cdd
SEP 20 1991

I/We request the following well information be changed:

Date: _____, 19 _____

Signature of current Well Owner

(DO NOT CUT THIS FORM IN HALF)

STATEMENT OF CHANGE OF WELL OWNERSHIP

I, THOMAS R. WARNE, state that I am ~~(new owner)~~ the (new) owner of the well described below:
(please print)

Township IN Range 3E Section 15; SE 1/4 SE 1/4 SW 1/4

Well Registration No. 55-506151 File (location) No. A01003015CDD

Howard Needles Tammen & Bergendoff
Previous Owner

ADOT
PRINT New Owner's Name

9200 Ward Parkway
Address

[Signature]
Signature of New Owner

Kansas City, MO 64141
City State Zip

2140 West Hilton Avenue
Address

DATED: _____

Phoenix AZ 85009
City State Zip

NOTE: A.R.S. §45-593.C. 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 thirty (30) days after changes take place.

SAVE THIS FORM TO REPORT FUTURE CHANGES IN OWNERSHIP, CHANGES IN ADDRESS, OR CHANGE IN WELL DATA SUCH AS PUMP CAPACITY, CORRECTION OF LEGAL DESCRIPTION, CHANGE OF WELL DRILLER, PRIOR TO DRILLING THE WELL, IN ADDITION TO AMENDING INFORMATION PREVIOUSLY FILED.

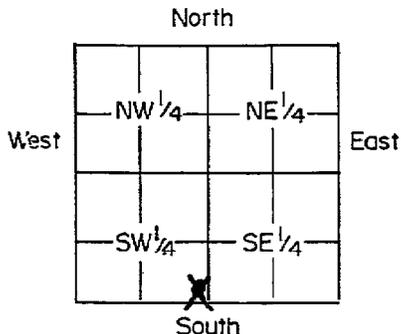
MICROFILMED

ENTERED OCT 12 1990

FILING FEE: \$3.00

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)

DESCRIPTION OF WELL:

8. Diameter 6"
Depth 65'
9. Type of Casing 2" PVC & 4" STEEL SURFACE CASING
10. Principal use of Water. MONITORING WELL (ET-P)

PLACE OF USE: N.A.

13. Township
14. Range
15. Section
16. Legal description of land water is to be used on:

11. Other uses Intended

NONUS
(If for non-commercial irrigation, state approximate area being cultivated.)

17. Design Pump Capacity

NA

18. Action Requested:

Drill X
Deepen
Replace

19. This notice filed by:

Owner
Lessee
Driller X

WELL/LAND LOCATION:

1. Township IN
2. Range R 3E
3. Section 15
4. SE 1/4 SE 1/4 SW 1/4
10 acre sub-division
5. County MARICOPA
6. Owner of Well: HOWARD, NEBOLET, TAMMCO & BUSCHGONDORF

12. Construction will start about:
AUG. 1983
Month Year

Name
Address 9200 WARD PARKWAY
City State Zip KANSAS CITY MISSOURI 64114
7. Owner of Land: STATE OF ARIZONA DEPARTMENT OF TRANSPORTATION
Name
Address 206 S. 17th AVENUE.
City State Zip PHX AR 85007

DO NOT WRITE IN THIS SPACE OFFICE RECORD
FILE NO A(1-3)15 cdd
FILED 8-18-83 BY GJB
INPUT 8-31-83 BY
DUPLICATE 8-22-83 BY GJB MAILED
REGISTRATION NO 55-506151
AMA NON EXPANSION AREA 8th

WESTERN TECHNOLOGIES, INC.
Name
Address 3737 E. BROADWAY RD
City State Zip PHX ARIZONA 85036
20. Drillers Name: WESTERN TECHNOLOGIES, INC.
Name
Address 3737 E. BROADWAY RD.
City State Zip PHX ARIZ 85034

Department License Number 263

- 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, Kenneth L. Richter, 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 8/18/83

Signature of Person Filing [Signature]

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State of Arizona
DEPARTMENT OF WATER RESOURCES

99 E Virginia Avenue, Phoenix, Arizona 85004



August 22, 1983

BRUCE BABBITT, Governor
WESLEY E STEINER, Director

HOWARD, NEEDLES, TAMMEN & BERGFENOFF
9200 WARD PARKWAY
KANSAS CITY MO 64141

FILE#A(1-3)10dcc A(1-3)10abc A(1-3)3dcd A(1-3)8dbc A(1-3)17cbd
A(1-3)17cad A(1-3)15cdd A(1-3)3dbd
REGISTRATION #55-506145 thru 55-506152

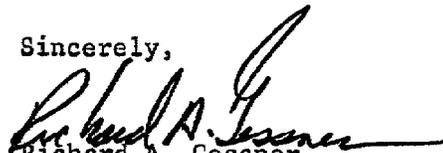
Dear Sir:

By this letter, we are transmitting to you an annotated copy of the Notice of Intention to Drill an Exempt Well along with associated forms for your records.

The purpose of this special letter is to advise you of the law relating to this type of exempt well which you intend to drill in the PHOENIX Active Management Area.

Because of the non-private residence, household, stockwatering nature of your proposed use, the well is limited to a total pumpage of 10 acre feet per annum. You may equip the well to pump a maximum of 35 gallons per minute or less, but are limited to a pumping schedule so as not to pump more than 10 acre feet total in a year. This change of law occurred on April 28, 1983, as reflected in Senate Bill 1392, ARS 45-454B.

Sincerely,


Richard A. Gessner
Chief, Operations Division

RAG: ek
Enclosure

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Think Conservation!

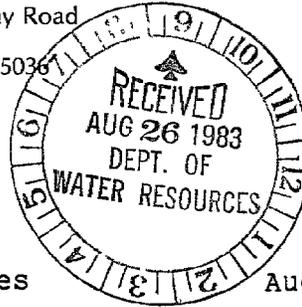
Office of Director 255-1554

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.



**WESTERN
TECHNOLOGIES,
INC.**

3737 East Broadway Road
P O Box 21387
Phoenix, Arizona 85036
(602) 268 1381



Arizona Department of Water Resources
99 East Virginia, Suite 100
Phoenix, Arizona 85004

August 25, 1983

Attn: Ms. Marge Watson

Re: Exempt Well Permits
Monitoring Wells
East and West Papago Drainage Tunnels
Phoenix, Arizona

Job No. 2183J028

At your request this letter presents our understanding of the purpose and anticipated life of the proposed monitoring wells. The monitoring wells will be used to observe the level of groundwater, if encountered, along the alignments of two proposed drainage tunnels prior to construction. Water samples will not be taken from the monitoring wells. The wells will be turned over to Howard, Needles, Tammen & Bergendoff and Arizona Department of Transportation upon completion of the installation. The wells will be monitoring during the construction of the freeway and drainage tunnels and will be maintained as permanent monitoring system.

If you have any questions, please contact the undersigned.

Respectfully submitted,
WESTERN TECHNOLOGIES, INC.
Geotechnical Services

Kenneth L. Ricker, P.E.

sa

Copies to: Addressee (3)

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



August 30, 1983

BRUCE BABBITT, Governor
WESLEY E STEINER, Director

Kenneth L. Ricker, P. E.
Western Technologies, Inc.
P. O. Box 21387
Phoenix, Arizona 85036

Re: Notice of Intention to Drill Registration Nos. 55-506145,
55-506146, 55-506147, 55-506148, 55-506149, 55-150, 55-506151

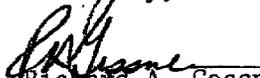
Dear Mr. Ricker:

By this letter we are transmitting documents relating to the drilling of the referenced eight wells. These wells are being approved for drilling as exploration wells for monitoring purposes under the provisions of the Department's Draft Rule R12-15-802.

Authority is granted to drill and operate these eight wells under the following conditions as stated in your letter of August 25, 1983:

1. No pump equipment shall be installed in the wells and no pumping of groundwater is required or authorized.
2. Each well shall be abandoned when it is no longer needed for monitoring purposes (to observe the level of groundwater it encountered) by the Arizona Department of Transportation in accordance with the provisions of R12-15-816 and so reported to this Department.

Sincerely,


Richard A. Gessner
Chief, Operations Division

RAG:et
Enclosures

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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.

WESTERN TECHNOLOGIES INC
 3737 E BROADWAY
 PHOENIX AZ 85040

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

RECEIVED
 8/22/83

RECEIPT

KIND ENTRY	FILE REFERENCE NO.
55	506145
	THRU
55	506152

HOWARD NEEDLES TAMMEN & BERGENDOFF

FUND SOURCE	ACCOUNT NO.			INT. ACCT.	ITEM DESCRIPTION	RATE	\$ AMOUNT
	AGENCY	CHAPTER	DIV.				
					FILING FEE FOR NOTICE OF INTENTION TO DRILL	10.00	80.00
					(8) EXEMPT WELLS		
					FILE#A(1-3) 10dcc Reg#55-506145		WAITER PAYMENT GUESTS 8 CHK NO 300728 55-I 80.00 TAX 0.00 TOTL 80.00 GEN.CHEK 80.00 # 9097 A 15:32
					File#A(1-3) 10abc Reg#55-506146		
					File#A(1-3) 3dcd Reg#55-506147		
					File#A(1-3) 8dbc Reg#55-506148		
					File#A(1-3) 17cbd Reg#55-506149		
					File#A(1-3) 17cad Reg#55-506150		
					A(1-3) 15cdd Reg#55-506151		
					File#A(1-3) 3dbd Reg#55-506152		

CHECK#300728
 8/22/83/ek

TOTAL \$ 80.00