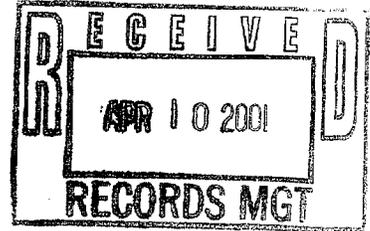


ARIZONA DEPARTMENT OF WATER RESOURCES

500 North 3rd Street
Phoenix, Arizona 85004

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. WEBER DRILLING
453 EAST MECHAM DRIVE
SAINT DAVID, AZ 85630-6235

2. Owner Name: TUCSON WATER
Address: TUCSON AZ 85726
City State Zip

3. Location: 14 NS 11 EN 10 1/4 SW 1/4 SW 1/4 NW
Township Range Section 10-acre 40-acre 160-acre

4. Well Registration No. 55-584178 (Required)

5. Permit No. _____ (If Issued)

DESCRIPTION OF WELL

6. Total depth of hole 340 ft.

7. Type of casing ~~steel~~ none

8. Diameter and length of casing _____ in. from _____ to _____ in from _____ to _____

9. Method of sealing at reduction points _____

10. Perforated from _____ to _____, from _____ to _____ from _____ to _____

11. Size of cuts _____ Number of cuts per foot _____

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

13. Method of construction Drilled
(drilled, dug, driven, bored, jetted, etc)

14. Date started 4 2 01
Month Day Year

15. Date completed 4 2 01
Month Day Year

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

17. Describe point from which depth measurements were made, and give sea_level elevation if available
Ground Level

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

19. Remarks: _____

DO NOT WRITE IN THIS SPACE
OFFICE RECORD
Registration No. 55- 584178
File No. D(14-11) 10 BCC
Received _____ By _____
Entered _____ By _____

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

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

WELL REGISTRATION NO: 55-584178

AUTHORIZED DRILLER: WEBER DRILLING

LICENSE NO: 272

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

WELL OWNER: TUCSON WATER PO BOX 27210 TUCSON, AZ 85726

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

SW ¼ of the SW ¼ of the NW ¼ Section 10 Township 14 SOUTH Range 11 EAST

No. of wells in this project: 1

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE 31ST DAY OF OCTOBER, 2001

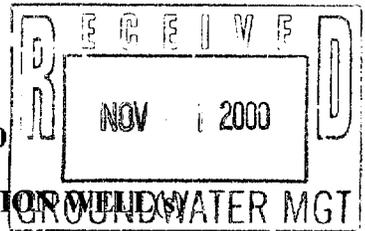
WRS

GROUNDWATER MANAGEMENT SUPPORT

**THE DRILLER MUST FILE A LOG OF THE WELL
WITHIN 30 DAYS OF COMPLETION OF DRILLING**



**ARIZONA DEPARTMENT OF WATER RESOURCES
GROUNDWATER MANAGEMENT SUPPORT SECTION
MAIL TO: P.O. BOX 458, PHOENIX, ARIZONA 85001-0458
FOR INFORMATION CALL: MONICA ORTIZ AT 602-417-2470**



NOTICE OF INTENTION TO DRILL AND ABANDON EXPLORATION WELLS(S)

PLEASE READ GENERAL INSTRUCTIONS AND LIMITATIONS ON REVERSE SIDE OF THIS FORM BEFORE COMPLETING.

1. WELL / LAND LOCATION:

SW 1/4 SW 1/4 NW 1/4
10 ACRE 40 ACRE 160 ACRE

Section: 10

Township: 14 S N/S

Range: 11E E/W

2. County: Pima

3. Borderland Construction Co.
Applicant Name/Lessee (Circle one)

400 East 38th Street
Address

Tucson, Arizona 85713
City State Zip

Al Heimpel
Name of Contact Person

Phone Number: (520) 623-0900

5. Purpose of well(s) drilled pursuant to this Notice:
Mineral Exploration _____
Geotechnical _____
Cathodic Protection XX
Grounding _____
Heat Pump _____

6. Number of Wells (Holes) 1

7. Owner of Land of Wellsite:
COT - Tucson Water
Name
P.O. Box 27210
Address
Tucson, AZ 85726
City State Zip
Mike Sanders
Contact Person
Phone Number: (520) 791-2648

8. DESCRIPTION OF THE WELL:
Diameter 10 inches
Depth 338 feet
Type of casing. If none, state:
None, unless required
Sch 40 PVC, if required

9. Construction will start:
11-1-2000
Month Day Year

10. Drilling Firm:
Weber Drilling
Name
453 Mecham Drive
Address
St. David, Arizona 85630
City State Zip
Phone Number 520-720-4800

4. Owner of Well:
COT - Tucson Water
Name
P.O. Box 27210
Address
Tucson, AZ 85726
City State Zip
Phone Number: (520) 791-2648

DO NOT WRITE IN THIS SPACE
OFFICE RECORD
File No. D1441110 BCC
Filed 11-1-00
Input 11-15-00
DUPLICATE
Mailed 11-15-00 By m.o.
Registration 55-584178
AMA/INA Tucson
W/S 01 S/B 15
m.o.

272
DWR License Number
A-4
ROC License Category

11. Is the well to be available for re-entry?
Yes _____ No XX
If so, for how long? _____

12. Proposed method of abandonment of well(s) after project is completed: In accordance with R12-15-816
_____, pursuant to R12-15-816.

13. Is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous materials or petroleum storage area and tanks? Yes _____ No ✓

I state that this Notice is filed in compliance with Rule A.A.C. R12-15-809 and R12-15-816(F), 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.

14. Mike Sanders For City of Tucson, Tucson Water 10/16/00
Signature of Land Owner, Lessee or Exploration Firm Date

NECESSARY STEPS AND INSTRUCTIONS TO OBTAIN DRILLING AUTHORITY

1. Arizona Revised Statute ("A.R.S.") § 45-596 requires the well owner, lessee or exploration firm to file two original Notices of Intention to Drill with original signatures prior to drilling an exploration well. More than one well (hole) may be drilled under a single Notice of Intent for mineral exploration and geotechnical wells, as long as they are located within a single section.
2. Information to complete items 1, 2 and 13 should be on your county tax receipt or available at the County Assessor's Office. The location of mineral exploration and geotechnical wells may be limited to the section, township and range. However, a complete legal description may be provided at the option of the well owner.
3. Information to complete items 8, 9 and 10 should be available from your driller.
4. Should any entity other than the well owner, lessee or exploration firm sign the Notice of Intent an original **notarized** letter of authorization from the well owner, lessee or exploration firm must accompany the Notices.
5. In accordance with A.R.S. § 45-113, please submit a \$10.00 processing fee with the Notice. Mail them to P. O. Box 458, Phoenix, Arizona, 85001-0458, or hand deliver to 500 North Third Street, Phoenix, Arizona.

CONSTRUCTION AND FOLLOW-UP REQUIREMENTS

1. Construction and abandonment standards for all wells must be in accordance with Department Rules.
2. No drilling authority is necessary for mineral exploration, geotechnical, cathodic protection, grounding and heat pump holes of 100 feet of depth or less. However, if water is encountered during the drilling of these well(s), the well(s) must be abandoned in accordance with Arizona Administrative Code ("A.A.C.") R12-15-816.
3. The drilling contractor is not required to file a Notice of Intent to Abandon if the well(s) are abandoned in the course of drilling, however, the drilling rig must not be removed from the well site before the abandonment is complete, otherwise, a Notice of Intent to Abandon must be filed prior to abandonment, and abandonment may not commence until Department authority has been issued. A geotechnical well with a granted variance must be abandoned before the drilling rig is removed from the site.
4. Whether or not an abandonment authorization card was issued or required, Arizona Administrative Code R12-15-816(F) requires a Well Abandonment Completion Report be filed within 30 days of abandonment.
5. Pursuant to A.R.S. § 45-596(E), drilling of well(s) must be completed within one year after the date of the Notice of Intent. If the well(s) are not completed within one year, a new Notice of Intent to Drill must be filed with the Department before proceeding with further construction.
6. Within thirty (30) days of completion of drilling geotechnical, cathodic protection, grounding or heat pump wells, a Well Driller Report and Log of Well form must be filed. Within thirty (30) days of completion of drilling mineral exploration holes, a Project Completion Report form must be filed. If the drilling project included multiple holes (authorized by the issuance of a single drill card for the project as a whole), a single report will suffice, however, a cover letter identifying the number of holes drilled, unusual problems associated with the project, or variations in hole design should be included.
7. Pump equipment may not be installed in wells (holes) drilled for mineral exploration, geotechnical, cathodic protection or grounding purposes.

TIME FRAME FOR REVIEW OF YOUR APPLICATION

Within fifteen (15) days after receipt of your Notice of Intention, the Department will determine whether your application should be granted or denied, unless this time is extended because your application is deemed incomplete or incorrect.

If your application is incomplete or incorrect, the Department will notify you in writing and will specify what information is necessary to make the application complete and correct. Until the missing information is received, the time frame for review of your application will be suspended. Your application will not be complete and correct 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 for drilling authority withdrawn and close the file.

At the end of its review, the Department will send you written notice either granting or denying your application for drilling authority. If your application is approved, the Drill Card will be mailed directly to the drilling company. If denied, the Department's notice will state justification for the denial and an explanation of your right to appeal.

710 N SANDARIO RD PC

DEVELOPMENT SERVICES DEPARTMENT

201 N. STONE AVENUE, 1ST FLOOR TUCSON, AZ 85701

PHONE: 740-6480 FAX: 740-6370

OFFICIAL ADDRESS CERTIFICATE

PIMA COUNTY, ARIZONA

ADDRESS ISSUING AGENCY

ACTIVITY P00AN01660

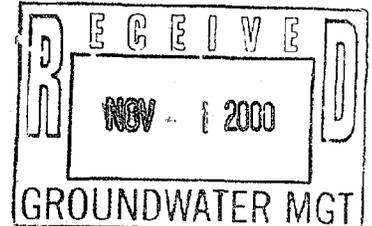
JURISDICTION: PIMA COUNTY

ASSIGNED ADDRESS:

710 N SANDARIO RD PC

SPECIAL CONDITONS

1: ELECTRIC FOR RECTIFIER LOCATED APPROX 1850' SOUTH OF
NORTHERN SECTION LINE 14-11E-10 AND APPROX 30' EAST OF
SANDARIO.
EAST OF SANDARIO /



LEGAL:

TYPE: BOOK: 0 PAGE: 0 BLOCK: LOT:

TOWNSHIP-RANGE-SECTION: 14-11E-10

TAX CODE NUMBER(S):

DEED (DOCKET/PAGE): 0/ 0

ZONING MAP NUMBER:

NAME OF BUSINESS:

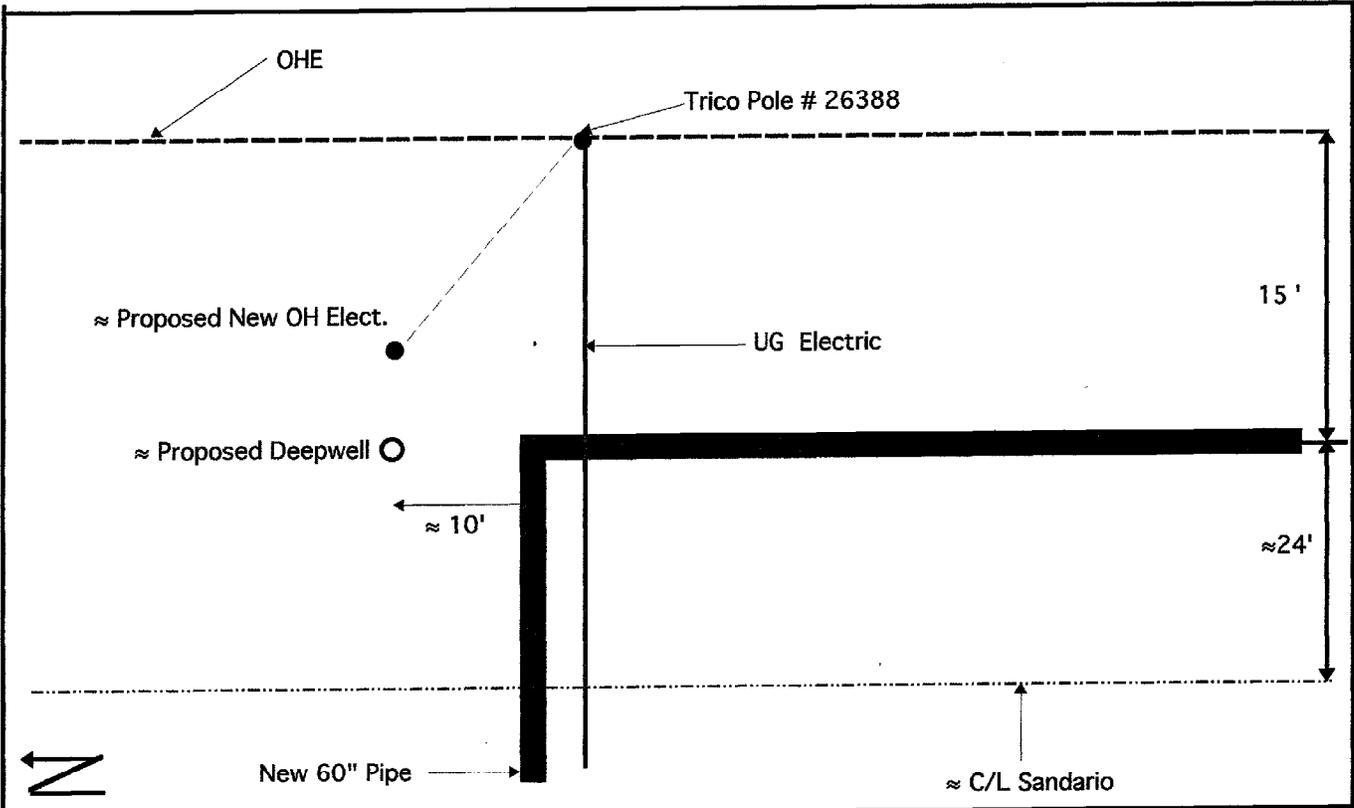
REASON FOR ASSIGNMENT: NEW ASSIGNMENT

ISSUED TO : BUD

ISSUED BY: DSCHOENI

DATE: 09/20/2000

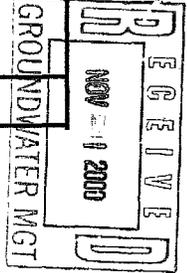
**NOTE: ASSIGNMENT OF AN ADDRESS DOES NOT
ASSURE ZONING APPROVAL OR ISSUANCE OF A PERMIT!**



Legals: T 14 R 11 Sect 10	Borderland Const.		CAVSARP Relocate Well at 158+00
	Attn. Doug Reynolds		Trico Pole # 26388 / 710 N. Sandario RD
	10/4/00	NOT TO SCALE	BOA

Too close to OH Electric for Drill Rig

GOUDY ENGINEERING, INC.
P.O. Box 18258* Tucson, AZ 85731*(520) 298-1104



RECEIVED
NOV 1 2010
GROUNDWATER MGT

SEE NOTE ON G-4 REGARDING
TEMPORARY SUPPORT FOR
EXIST POWER POLES, TYP DWG
C-14 THROUGH DWG C-28

① STA 157+51.95
CUMB BEND 89° 32'
HORIZ BEND 89° 32'
VERT 0° 09' 59"

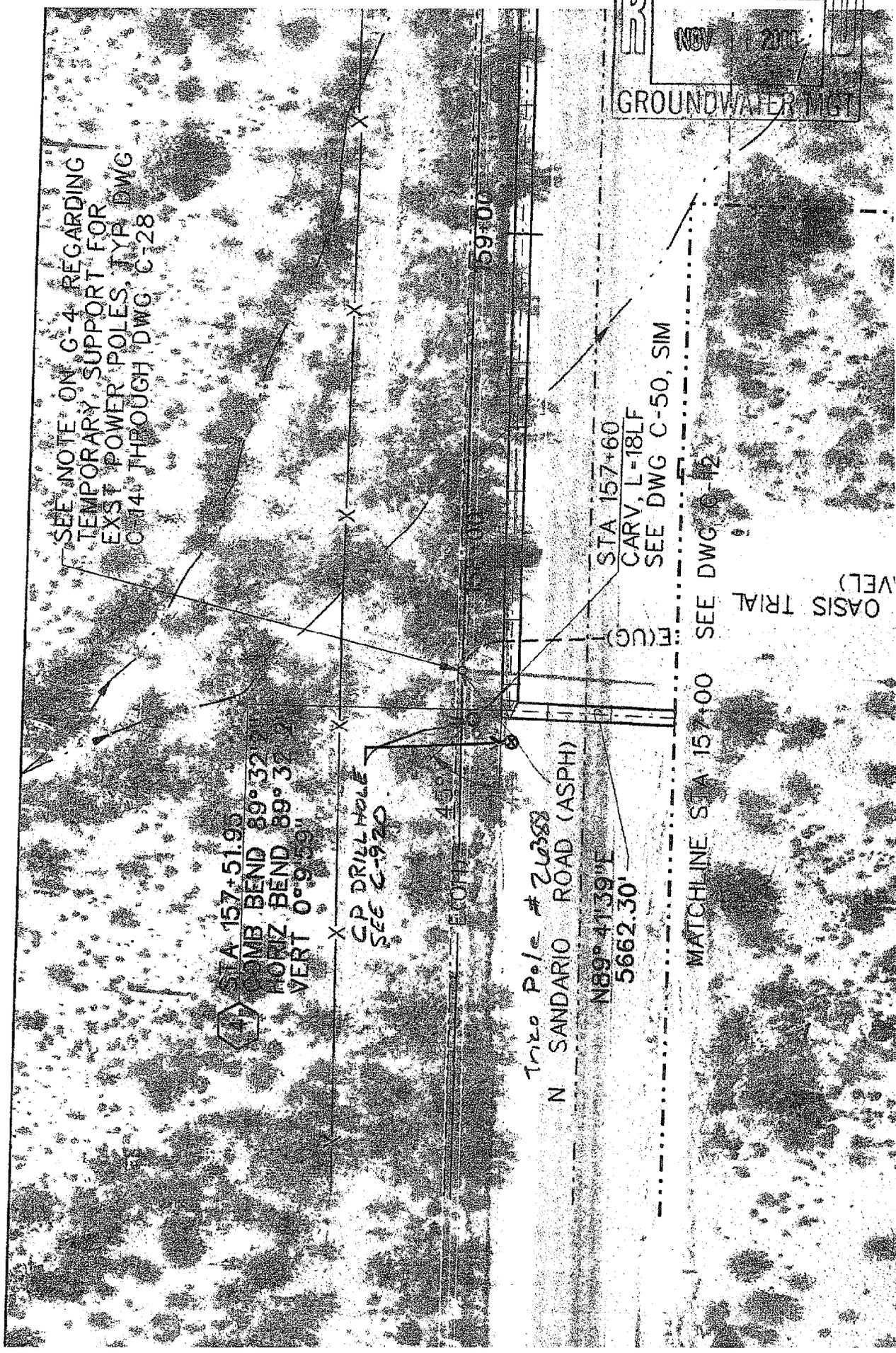
CP DRILL HOLE
SEE C-920

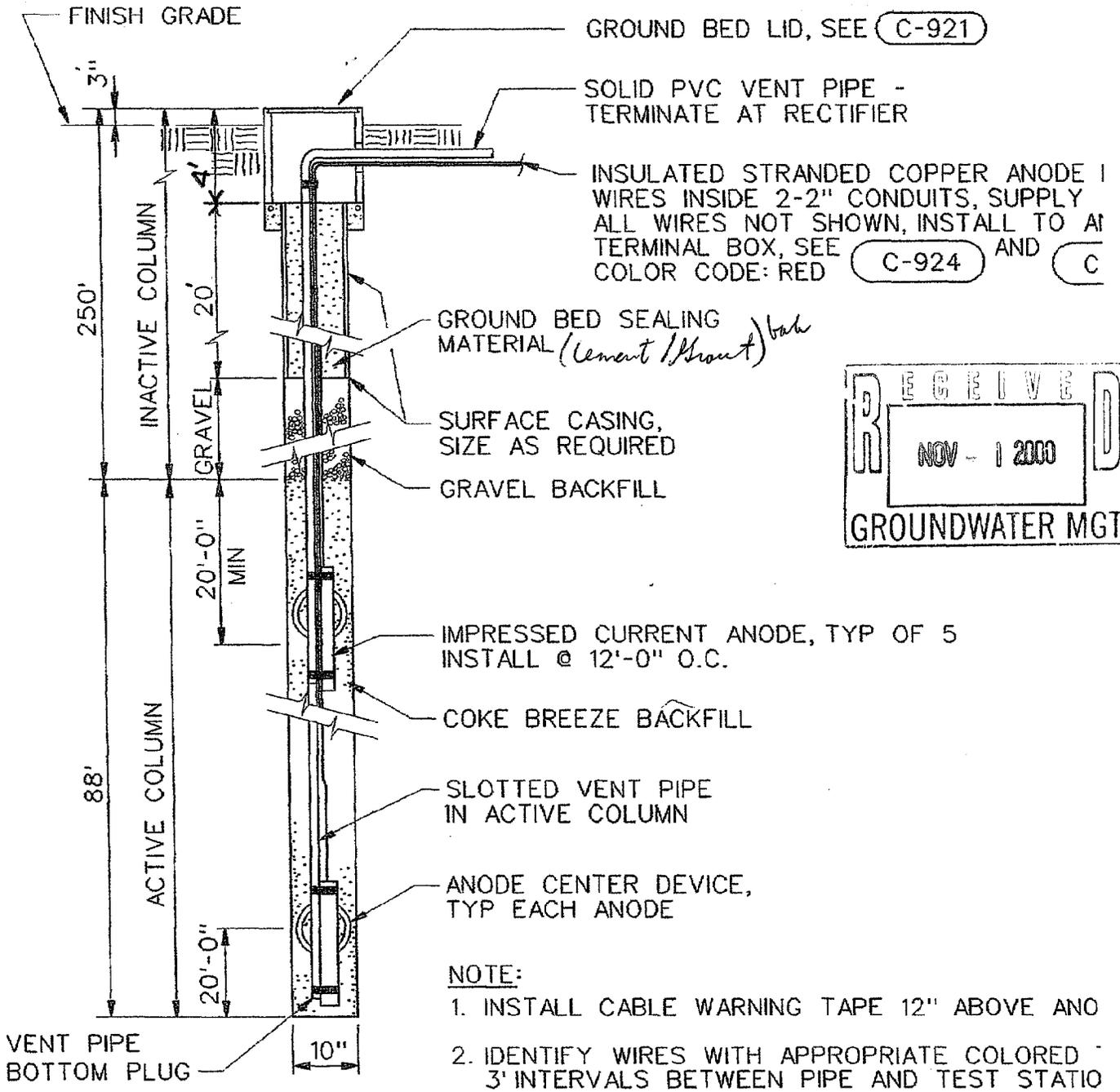
Triso Pole # 26388
N SANDARIO ROAD (ASPH)
N89° 41' 39" E
5662.30'

STA 157+60
CARV, L-18LF
SEE DWG C-50, SIM

MATCHLINE STA 157+00 SEE DWG C-12

OASIS TRIAL (VEL)





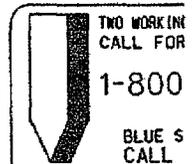
NOTE:

1. INSTALL CABLE WARNING TAPE 12" ABOVE ANO
2. IDENTIFY WIRES WITH APPROPRIATE COLORED 3' INTERVALS BETWEEN PIPE AND TEST STATIO

DEEP ANODE GROUND BED

NTS

C-920



ARIZONA DEPARTMENT OF WATER RESOURCES

500 North 3rd Street, Phoenix, Arizona 85004

Telephone (602) 417-2470

Fax (602) 417-2422



JANE DEE HULL
Governor

RITA PEARSON MAGUIRE
Director

November 15, 2000

TUCSON WATER
PO BOX 27210
TUCSON, AZ 85726

Registration No. 55-584178
File No. D(14-11) 10 BCC

Dear Well Owner:

Enclosed for your records is an annotated copy of the Notice of Intention to Drill a well. This is returned to you as evidence of compliance with A.R.S. §45-596. A drilling card has been mailed to your designated driller. Prior to drilling he must have it in his possession.

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. He is required to complete it and return it to the Department within 30 days after the completion of the well. A Completion Report form is being furnished for monitor wells where pump installation is authorized. This must be completed within thirty days of installation as required by A.R.S. §45-600.

A Change of Well Information form is enclosed for your future use. If you deem it necessary to change the location of the proposed well, please notify the Department on the enclosed form. A properly amended Drilling Card will then be issued and must be in possession of the driller before drilling begins. During the drilling of a new well, if it is determined that it must be abandoned, then a Well Abandonment Completion Report must be submitted per R12-15-816.F.

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, in order to keep the well registration file current and accurate.

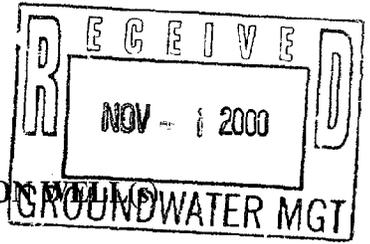
Sincerely,

A handwritten signature in cursive script, appearing to read "Monica Ortiz".

Monica Ortiz
Water Resource Technician
Groundwater Management Support Section

Enclosures

ARIZONA DEPARTMENT OF WATER RESOURCES
 GROUNDWATER MANAGEMENT SUPPORT SECTION
 MAIL TO: P.O. BOX 458, PHOENIX, ARIZONA 85001-0458
 FOR INFORMATION CALL: MONICA ORTIZ AT 602-417-2470



NOTICE OF INTENTION TO DRILL AND ABANDON EXPLORATION WELLS

PLEASE READ GENERAL INSTRUCTIONS AND LIMITATIONS ON REVERSE SIDE OF THIS FORM BEFORE COMPLETING.

- WELL / LAND LOCATION:
 SW 1/4 SW 1/4 NW 1/4
 10 ACRE 40 ACRE 160 ACRE
 Section: 10
 Township: 14 S N/S
 Range: 11E E/W
- County: Pima
- Borderland Construction Co.
 Applicant Name/Lessee (Circle one)
400 East 38th Street
 Address
Tucson, Arizona 85713
 City State Zip
Al Heimpel
 Name of Contact Person
Phone Number: (520) 623-0900
- Purpose of well(s) drilled pursuant to this Notice:
 Mineral Exploration _____
 Geotechnical _____
 Cathodic Protection XX
 Grounding _____
 Heat Pump _____
- Number of Wells (Holes) 1
- Owner of Land of Wellsite:
COT - Tucson Water
 Name
P.O. Box 27210
 Address
Tucson, AZ 85726
 City State Zip
Mike Sanders
 Contact Person
Phone Number: (520) 791-2648
- DESCRIPTION OF THE WELL:
 Diameter 10 inches
 Depth 338 feet
 Type of casing. If none, state:
None, unless required
Sch 40 PVC, if required
- Construction will start:
11-1-2000
 Month Day Year
- Drilling Firm:
Weber Drilling
 Name
453 Mecham Drive
 Address
St. David, Arizona 85630
 City State Zip
 Phone Number 520-720-4800

DO NOT WRITE IN THIS SPACE

VOID MONEY ORDER VOID

15238 4439-06

068360821

Payable at Norwest Bank Grand Junction, Downtown, N.A., Grand Junction, Colorado 82-40/1021

DATE Oct 30, 2000

PAY TO THE ORDER OF AZ Dept of Water Resources

310 W Alameda

PURCHASER'S ADDRESS

ISSUED BY Integrated Payment Systems Inc., Englewood, Colorado

PURCHASER, BY SIGNING YOU AGREE TO THE TERMS ON THE REVERSE SIDE

- WR License Number 1-4
- OC License Category 1-4
- the well to be available for re-entry?
 es _____ No XX
- so. for how long? _____
- 15-816
- _____ pursuant to R12-15-816.

13. Is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous materials or petroleum storage area and tanks? Yes _____ No ✓

I state that this Notice is filed in compliance with Rule A.A.C. R12-15-809 and R12-15-816(F), 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.

14. Mike Sanders For City of Tucson, Tucson Water 10/16/00
 Signature of Land Owner, Lessee or Exploration Firm Date

GOUDY ENGINEERING, INC.
P.O. BOX 18258
TUCSON, AZ 85731-8258
PHONE: (520) 298-1104
FACSIMILE: (520) 721-9406

FACSIMILE TRANSMITTAL SHEET

TO Mr. Al Heimle	FROM Kevin Goudy
COMPANY Borderland	DATE 11-8-00
PHONE NUMBER (520) 623-0900	TOTAL NO OF PAGES INCLUDING COVER 1
FAX NUMBER (520) 623-0232	SENDER'S REFERENCE NUMBER
RE: Cavearp Sealing Material Clarification	YOUR REFERENCE NUMBER

URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY PLEASE RECYCLE

NOTES/COMMENTS:

Dear Mr. Heimle,

Per our conversation earlier today I have contacted Mr. Bruce Hammett with ADWR. According to my conversation with him, he is looking for authorization from the well owner (City of Tucson/ Tucson Water) to place on the previously provided drawings "cement/grout surface seal" for designation of the well plug. This will be applicable for cathodic protection deep wells No. 55-584178, 55-584179, and 55-584180. Please forward this information to Mr. Mike Sanders with Tucson Water and inform them that a faxed notification to Mr. Bruce Hammett will be sufficient.

If you have any questions or if we can be of further assistance, please feel free to contact us at anytime.

Thank you,
Goudy Engineering, Inc.

Kevin C. Goudy
Kevin C. Goudy, NACE CPS #5199
President

KCG: borderland/cavearp; fax 11-8-00

City of Tucson Water
Department
Fax Sheet

Date: 11/14/00

of Pages: 2

TO: Bruce Hammett
of ADWR

Phone #: _____ Fax#: (602) 417-2425

From: Mike Sanders
of Tucson Water

Phone#: (520) 791-5080 x1307 Fax#: (520) 791-2614

COMMENTS: You are authorized to add "cement/grout
surface seal" to dugs. for Nos. 55-584178,
55-584179, & 55-584180 as described on the
attached.

Thanks

Mike Sanders

Tucson Water
Eng. Manager

VARIANCE CHECKLIST - HYDROLOGY

DATE RECEIVED 11-1-00
 DATE TO HYDRO 11-3-00
 DATE TO GMSS 11-14-00

POTENTIAL REG. N° 55- _____
55-584178 THRU 55-584180

FRONT OF N.O.I COMPLETE/CORRECT: YES _____ NO _____

VARIANCE (?) LETTER RECEIVED YES _____ NO X
 WELL DIAGRAM (?) RECEIVED YES X NO _____
 SITE PLAN (?) RECEIVED YES _____ NO X

TYPE AND NUMBER OF WELLS:

<p>_____ MONITOR <u>3</u></p> <p>_____ PIEZOMETER _____</p> <p>_____ GEOTECHNICAL _____</p> <p>_____ MINERAL EXPLORATION _____</p> <p>_____ WATER PRODUCTION _____</p>	<p>CATHODIC PROTECTION</p> <p>GROUNDING</p> <p>HEAT PUMP</p> <p>OTHER _____</p> <p style="text-align: right; font-size: small;">DESCRIBE TYPE OF WELL</p>
--	---

VARIANCE:

<p>_____ REQUIRED</p> <p><u>X</u> NOT REQUIRED</p>	<p>_____ GRANTED</p> <p>_____ NOT GRANTED</p> <p>_____ LETTER ISSUED</p>
--	--

ATTENTION!!! NOTICE OF INTENT TEAM:

_____ HARD COPY OF LETTER TO FOLLOW

_____ CALL FOR PICKUP

COMMENTS:

11-8 Tried to call Sambers for sealing material - no luck (x2)

" " Dan W. Weber

11-9 Al Heimpel to find out

11-14 Authorized to modify diagrams

OK - bal

m.D.