



ARIZONA DEPARTMENT OF WATER RESOURCES  
 Information Management Unit  
 P.O. Box 33589, Phoenix, Arizona 85067-3589  
 (602) 771-8527 \* (800) 352-8488  
 www.water.az.gov

RECEIVED  
 OCT 21 2009  
 WATER MONITOR

Well Driller Report  
 and  
 Well Log

ENTERED  
 10/20/09

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

FILE NUMBER  
**C(9-22) 21 BCD**  
 WELL REGISTRATION NUMBER  
**55-217457**  
 PERMIT NUMBER ( IF ISSUED )

\*\* PLEASE PRINT CLEARLY \*\*

Mail To:	<b>SECTION 1. DRILLING AUTHORIZATION</b>	
	<b>Drilling Firm</b>	
	NAME J. A. DEERE & SON WELL DRILLING	DWR LICENSE NUMBER 295
	ADDRESS P.O. BOX 777	TELEPHONE NUMBER 928-726-0148
	CITY/STATE/ZIP SOMERTON, AZ 85350-0777	FAX

<b>SECTION 2. REGISTRY INFORMATION</b>	
<b>Well Owner</b>	<b>Location of Well</b>
FULL NAME OF COMPANY, ORGANIZATION OR INDIVIDUAL JENNIFER HARDEE	WELL LOCATION ADDRESS (IF ANY) 6E & CO 13TH - 10/29/09 MD.
MAILING ADDRESS 11372 E 25 TH ST	TOWNSHIP (N/S) RANGE (E/W) SECTION 9-S 22W 21
CITY / STATE / ZIP YUMA, AZ 85367	40 ACRE 10 ACRE SW 1/4 NW 1/4 SE 1/4
CONTACT PERSON NAME AND TITLE	LATITUDE LONGITUDE Degrees Minutes Seconds "N Degrees Minutes Seconds "W
TELEPHONE NUMBER 978-446-5837	METHOD OF LATITUDE / LONGITUDE (CHECK ONE) <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Conventional Survey <input type="checkbox"/> *GPS: Hand-Held <input type="checkbox"/> *GPS: Survey-Grade
WELL NAME (e.g., MW-1, PZ-3, Lot 25 Well, Smith Well, etc.)	LAND SURFACE ELEVATION AT WELL Feet Above Sea Level
	METHOD OF ELEVATION (CHECK ONE) <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Conventional Survey <input type="checkbox"/> *GPS: Hand-Held <input type="checkbox"/> *GPS: Survey-Grade
	*IF GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE) <input type="checkbox"/> NAD-83 <input type="checkbox"/> Other (please specify):
	COUNTY ASSESSOR'S PARCEL ID NUMBER YUMA BOOK 112 MAP 24 PARCEL 034

<b>SECTION 3. WELL CONSTRUCTION DETAILS</b>		
<b>Drill Method</b>	<b>Method of Well Development</b>	<b>Method of Sealing at Reduction Points</b>
CHECK ONE <input type="checkbox"/> Air Rotary <input type="checkbox"/> Bored or Augered <input type="checkbox"/> Cable Tool <input type="checkbox"/> Dual Rotary <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Reverse Circulation <input type="checkbox"/> Driven <input type="checkbox"/> Jetted <input type="checkbox"/> Air Percussion / Odex Tubing <input type="checkbox"/> Other (please specify)	CHECK ONE <input checked="" type="checkbox"/> Airlift <input type="checkbox"/> Bail <input type="checkbox"/> Surge Back <input type="checkbox"/> Surge Pump <input type="checkbox"/> Other (please specify)	CHECK ONE <input checked="" type="checkbox"/> None <input type="checkbox"/> Packed <input type="checkbox"/> Swedged <input type="checkbox"/> Welded <input type="checkbox"/> Other (please specify)
	<b>Condition of Well</b>	<b>Construction Dates</b>
	CHECK ONE <input type="checkbox"/> Capped <input checked="" type="checkbox"/> Pump Installed	DATE WELL CONSTRUCTION STARTED 4/1/08 DATE WELL CONSTRUCTION COMPLETED 4/2/08

I state that this notice is filed in compliance with A.R.S. § 45-596 and is complete and correct to the best of my knowledge and belief.

DRILLING FIRM J.A. DEERE & SON WELL DRILLING	SIGNATURE OF QUALIFYING PARTY <i>[Signature]</i>	DATE 10/20/09
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Well Driller Report and Well Log

WELL REGISTRATION NUMBER  
55-217457

**SECTION 4. WELL CONSTRUCTION DESIGN (AS BUILT)** (attach additional page if needed)

DEPTH OF BORING <i>200'</i>	Feet Below Land Surface	DEPTH OF COMPLETED WELL <i>200'</i>	Feet Below Land Surface
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Water Level Information			
STATIC WATER LEVEL <i>70'</i>	Feet Below Land Surface	DATE MEASURED <i>4/1/08</i>	TIME MEASURED
		IF FLOWING WELL, METHOD OF FLOW REGULATION <input checked="" type="checkbox"/> Valve <input type="checkbox"/> Other:	

Borehole			Installed Casing														
DEPTH FROM SURFACE		BOREHOLE DIAMETER (inches)	DEPTH FROM SURFACE		OUTER DIAMETER (inches)	MATERIAL TYPE (X)				PERFORATION TYPE (X)					SLOT SIZE IF ANY (inches)		
FROM (feet)	TO (feet)		FROM (feet)	TO (feet)		STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE	SLOTTED		IF OTHER TYPE, DESCRIBE	
<i>0</i>	<i>200</i>	<i>12 1/4</i>	<i>0</i>	<i>20</i>	<i>6"</i>	<i>X</i>					<i>X</i>						
			<i>20</i>	<i>200</i>	<i>5"</i>		<i>X</i>								<i>X</i>		<i>.0375</i>

Installed Annular Material														
DEPTH FROM SURFACE		ANNULAR MATERIAL TYPE (X)							FILTER PACK					
FROM (feet)	TO (feet)	NONE	CONCRETE	NEAT CEMENT OR CEMENT GROUT	CEMENT-BENTONITE GROUT	BENTONITE	IF OTHER TYPE OF ANNULAR MATERIAL, DESCRIBE				SAND	GRAVEL	SIZE	
					GROUT	CHIPS	PELLETS							
<i>0</i>	<i>200'</i>						<i>X</i>					<i>X</i>		<i>.045</i>



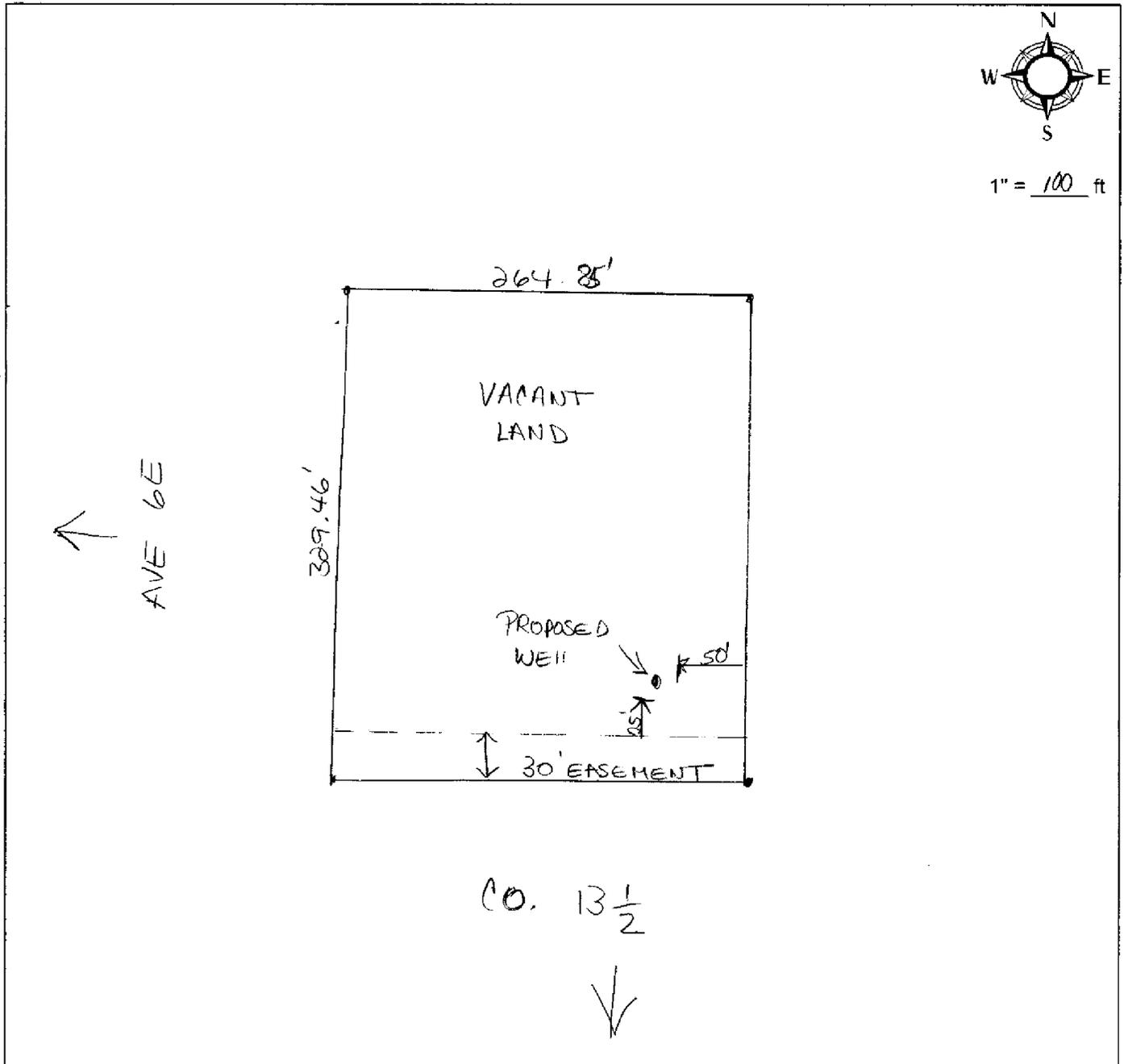
Well Driller Report and Well Log

WELL REGISTRATION NUMBER  
**55- 217457**

**SECTION 6. WELL SITE PLAN**

NAME OF WELL OWNER <b>JENNIFER HARDEE</b>	COUNTY ASSESSOR'S PARCEL ID NUMBER BOOK <b>112</b> MAP <b>24</b> PARCEL <b>034</b>
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- \* Please draw the following: (1) the boundaries of property on which the well was located; (2) the proposed well location; (3) the locations of all septic tank systems and sewer systems on the property or within 100 feet of the well location, even if on neighboring properties; and (4) any permanent structures on the property that may aid in locating the well.
- \* Please indicate the distance between the well location and any septic tank system or sewer system.



**ARIZONA DEPARTMENT OF WATER RESOURCES  
WATER MANAGEMENT SUPPORT SECTION**

3550 N. Central Avenue  
Phoenix, Arizona 85012

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

**WELL REGISTRATION NO: 55-217457**

**AUTHORIZED DRILLER: J. A. DEERE & SON WELL DRILLING**

**LICENSE NO: 295**

**NOTICE OF INTENTION TO DRILL AN EXEMPT WELL(S) HAS BEEN FILED WITH THE DEPARTMENT BY:**

**WELL OWNER: JENNIFER HARDEE 11372 E 25 TH ST YUMA, AZ 85367**

**THE WELL(S) IS/ARE TO BE LOCATED IN THE:**

**SE ¼ OF THE SW ¼ OF THE NW ¼ SECTION 21 TOWNSHIP 9 SOUTH RANGE 22 WEST**

**NO. OF WELLS IN THIS PROJECT: 1 ASSESSOR PARCEL NO: 112-24-034**

**THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE 6TH DAY OF MARCH, 2009**

**WATER MANAGEMENT SUPPORT**

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

**NOTICE!** The Authorization to drill this well **DOES NOT** constitute or guarantee an approval to use the well for the purpose of withdrawing groundwater for transportation to an Active Management Area (AMA) pursuant to A.R.S. § 45-552, 45-553, 45-554 or 45-555(A) without official prior approval from the Department.



## ARIZONA DEPARTMENT OF WATER RESOURCES

3550 N. Central Avenue, Phoenix, Arizona 85012  
Telephone (602) 771-8500  
Fax (602) 771-8691



Janet Napolitano  
Governor

Herbert R. Guenther  
Director

March 19, 2008

JENNIFER HARDEE  
11372 E 25 TH ST  
YUMA, AZ 85367

Registration No. 55-217457  
File No. C(9-22) 21 BCD

Dear Well Owner:

Enclosed is a copy of the Notice of Intention (NOI) to Drill a well that you recently filed with this Department pursuant to A.R.S. § 45-596. This is to inform you that the Department has approved the NOI and has mailed or otherwise provided a drilling card authorizing the drilling of the well to the well driller identified in the NOI. The driller may not begin drilling until he has received the drilling card, which must be displayed on the drill rig during drilling. **PLEASE NOTE:** The Authorization to drill this well **DOES NOT constitute or guarantee an approval to use the well for the purpose of withdrawing groundwater for transportation to an Active Management Area (AMA)** pursuant to A.R.S. § 45-552, 45-553, 45-554 or 45-555(A). Groundwater **may not** be withdrawn from this well for these transportation purposes **without official prior approval from the Department**. Please contact the office in the AMA where the groundwater is to be transported to determine what additional forms are needed and for more information on this process.

Well drilling activities must be completed within one year after the date the NOI was filed with the Department. If drilling is not completed within one year, you must file a new NOI before proceeding with further drilling. If in the course of drilling the well, it is determined that the well cannot be successfully completed as initially intended (dry hole, cave in, lost tools, etc.), the well must be properly abandoned and a Well Abandonment Completion Report must be filed as required by A.A.C. R12-15-816(F).

If you change drillers, you must notify the Department of the new driller's identity. Please ensure that the new driller is licensed by the Department to drill the type of well you require. A new driller may not begin drilling until he receives a new drilling card from the Department. If you are drilling a new or replacement well and it is necessary to change the location of the proposed well, you may not proceed with drilling until you file an amended NOI with the Department and the Department issues an amended drilling card to the driller. If county approval was required for the original well site plan (this applies to domestic wells on parcels that are five acres or less), you must submit a new well site plan with the new well location to your local county health authority for approval prior to filing the amended NOI with the Department.

A.R.S. § 45-600 requires the registered well owner to complete and file a Pump Installation Completion Report form (DWR form 55-56) within 30 days after the installation of pumping equipment. A form is enclosed for your use. Also enclosed is a well owner's guide that provides useful information and advice concerning your upcoming well construction project. A.R.S. § 45-600 also requires the driller to file a complete and accurate Well Drillers Report and Well Log (DWR form 55-55) within 30 days after completion of drilling. That form was mailed to your driller with the drilling card. You should insist and ensure that all of the required forms are accurately completed and timely filed with the Department.

Please be advised that A.R.S. § 45-593(C) requires the person to whom a well is registered to notify the Department of a change in ownership of the well and/or information pertaining to the physical characteristics of the well in order to keep this well registration file current and accurate. Any change in well information or a request to change well driller must be filed on a Request to Change Well Information form (DWR form 55-71A) that may be downloaded from the ADWR Internet website at <<http://www.water.az.gov/adwr/content/forms/default.htm#NOI>>.

Sincerely,

Natasha Conner  
NOI Unit  
Water Management Support Section

Enclosures

RECEIVED



Arizona Department of Water Resources
Water Management Support Section
P.O. Box 458 • Phoenix, Arizona 85001-0458
(602) 771-8500 • (800) 352-8488
(602) 771-8691 fax • www.azwater.gov

MAR 7 - 2008

Notice of Intent to

\$150 or \$100 FEE

WATER MGMT

Drill, Deepen, Replace or Modify a Well

(See instructions for Exempt Well in an Active Management Area)

- Review instructions prior to completing form in black or blue ink.
You must include with your Notice:
Check or money order in the amount of the appropriate filing fee.
For a well located within an AMA or INA, the fee is \$150.00.
For a well not located within an AMA or INA, the fee is \$100.00 if the well will be used solely for domestic purposes...
Authority for fee: A.R.S. § 45-596.

AMA / INA: B 83 SB
RECEIVED DATE WS: 3/7/08 2
ISSUED DATE WQARF CERCLA: 2

FILE NUMBER: C(9-22)21 BCD
WELL REGISTRATION NUMBER: 55-217457

\*\* PLEASE PRINT CLEARLY \*\*

SECTION 1: COUNTY OR LOCAL HEALTH AUTHORITY APPROVAL (if applicable)

If water from the proposed well will be used for domestic purposes on a parcel of land of 5 or fewer acres, the applicable county or local health authority must endorse all items in Section 1 within one year before submission to the Department of Water Resources. You must also attach a site plan (pg. 3).

CHECK ONE
[X] County or Local Health Authority Recommends Approval (pursuant to A.R.S. § 45-596 (G) and (F))
[ ] Field Inspection Performed
[X] Site Plan Review Only
[ ] Insufficient Information to Make a Determination
COUNTY OR LOCAL AUTHORITY NAME AND TITLE: Yuma Co. P.D.

Official County or Local Seal or Stamp
YUMA COUNTY ARIZONA

TELEPHONE NUMBER: 928-817-5075
DATE: 03-05-2008

COUNTY OR LOCAL AUTHORITY SIGNATURE: Phillip Lee James

SECTION 2: REGISTRY INFORMATION

Well Type: [X] Exempt
Proposed Action: [X] Drill New Well
Original Well Registration Number: 55 -
Maximum Capacity of Original Well: Gallons Per Minute
Design Pump Capacity: 25 Gallons Per Minute
Distance & Direction from Original Well: Feet

Location of Well: WELL LOCATION ADDRESS (IF ANY)
Township (N/S) Range (E/W) Section: 9 22 21 NW 1/4 SW 1/4 SE 1/4
County Assessor's Parcel ID Number: BOOK 112 MAP 24 PARCEL 034 # OF ACRES 2
Place of Water Use (ONLY IF DIFFERENT FROM LOCATION OF WELL): TOWNSHIP (N/S) RANGE (E/W) SECTION 160 ACRE 40 ACRE 10 ACRE
County Where Well is Located: YUMA

SECTION 3: OWNER INFORMATION

Well Owner: FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL: JENNIFER HARDEE
MAILING ADDRESS: 11372 E. 25TH ST.
CITY / STATE / ZIP CODE: YUMA AZ. 85367
CONTACT PERSON NAME AND TITLE: Ron Benson agent
TELEPHONE NUMBER: 928-496-5837

Landowner (if different from Well Owner): FULL NAME OF COMPANY, GOVERNMENT AGENCY, OR INDIVIDUAL
MAILING ADDRESS
CITY / STATE / ZIP CODE
CONTACT PERSON NAME AND TITLE
TELEPHONE NUMBER FAX

SECTION 4: QUESTIONS

Table with 4 columns: Questions, Yes, No, If Yes. Contains 4 questions regarding well placement, identification, and AMEA status.

Notice of Intent to Drill, Deepen, Replace or Modify a Well

WELL REGISTRATION NUMBER  
55-217452

SECTION 5: DRILLING AUTHORIZATION		SECTION 6: WATER / SITE INFORMATION	
<b>Drilling Firm</b>		<b>Principal Use of Water</b>	<b>Other Uses of Water</b>
NAME <b>J.A. DEERE &amp; Son Well Drilling</b>		CHECK ONE	CHECK ALL THAT APPLY
DWR LICENSE NUMBER <b>295</b>	R0C LICENSE CATEGORY <b>A4</b>	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Irrigation
TELEPHONE NUMBER <b>(928) 726-0148</b>	FAX <b>(928) 726-3999</b>	<input type="checkbox"/> Utility	<input type="checkbox"/> Utility
MAILING ADDRESS <b>P.O. Box 777</b>		<input type="checkbox"/> Commercial	<input type="checkbox"/> Commercial
CITY / STATE / ZIP CODE <b>Somerton, Az. 85350</b>		<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Domestic
DATE CONSTRUCTION IS TO BEGIN <b>MAR. '08</b>		<input type="checkbox"/> Municipal	<input type="checkbox"/> Municipal
		<input type="checkbox"/> Industrial	<input type="checkbox"/> Industrial
		<input type="checkbox"/> Mining	<input type="checkbox"/> Mining
		<input type="checkbox"/> Stock	<input type="checkbox"/> Stock
		<input type="checkbox"/> Recharge	<input type="checkbox"/> Recharge
		<input type="checkbox"/> Dewatering	<input type="checkbox"/> Dewatering
		<input type="checkbox"/> Other (please specify):	<input type="checkbox"/> Other (please specify):

RECEIVED  
 MAR 07 2008  
 WATER MGMT

SECTION 7: PROPOSED WELL CONSTRUCTION DESIGN (attach separate sheet if needed)																
Borehole						Casing										
DEPTH FROM SURFACE		BOREHOLE DIAMETER (inches)	DEPTH FROM SURFACE		OUTER DIAMETER (inches)	MATERIAL TYPE ( T )				PERFORATION TYPE ( T )				GROUTING MATERIAL		
FROM (feet)	TO (feet)		FROM (feet)	TO (feet)		STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE		SLOTTED	IF OTHER TYPE, DESCRIBE
0	200	12 1/4	0	20	6	X*				X						Cement
			0	180	5		X			X						
			180	200	5		X						X			

\* ADWR well construction standards require a surface seal consisting of a minimum of 20 feet of steel casing. Cement grout must be used to fill the annular space between the surface casing and the borehole. (A.A.C. R12-15-81(B))

The Department's issuance of an authorization to drill a well is not a determination of whether water withdrawn from the well is legally surface water or groundwater. The legal nature of the water withdrawn from the well may be the subject of court action in the future as part of a determination of surface water rights in your area. If there are court proceedings that could affect your well, you will be notified and be given the opportunity to participate. If you have questions regarding the legal nature of the water to be withdrawn from your proposed well, please consult with an experienced civil engineer, hydrologist or water rights attorney.

For the purposes of determining appropriate fees outside AMAs or INAs, "domestic purposes" is defined as "uses related to the supply, service and activities of households and private residences and includes the application of water to less than 2 acres of land to produce plants or parts of plants for sale or human consumption, or for use as feed for livestock, range livestock or poultry, as such terms are defined in A.R.S. § 3-1201."

I state that this notice is filed in compliance with A.R.S. § 45-596 and is complete and correct to the best of my knowledge and belief.

TYPE OR PRINT NAME AND TITLE <b>Jennifer Hardee / Ronald L. Benson</b>	
SIGNATURE OF WELL OWNER <i>Jennifer Hardee</i>	DATE <b>2/28/08</b>
SIGNATURE OF LANDOWNER, IF APPLICABLE (SEE INSTRUCTIONS) <i>Ronald L. Benson</i>	DATE

**Notice of Intent to Drill, Deepen, Replace or Modify a Well**

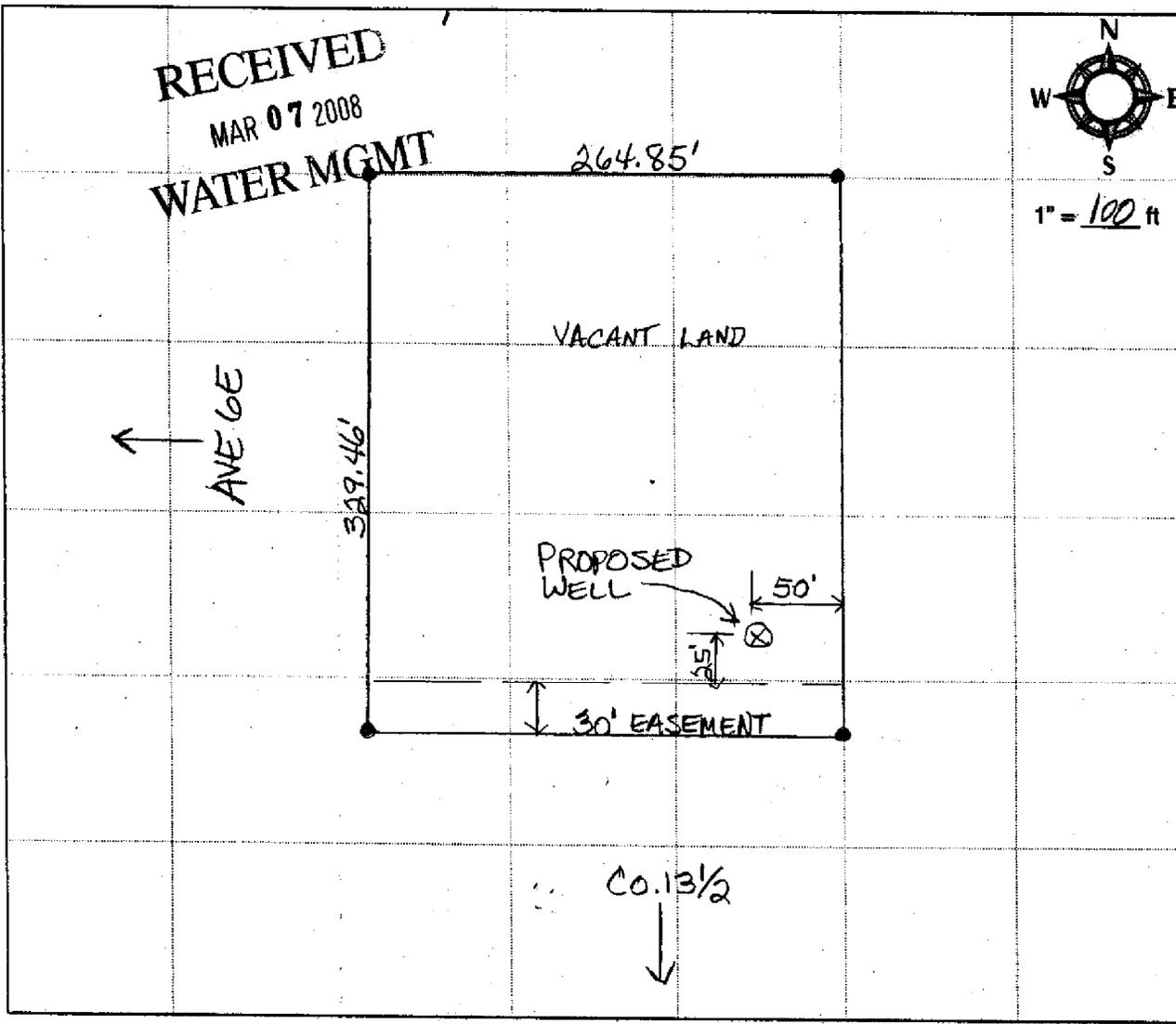
WELL REGISTRATION NUMBER  
55-217457

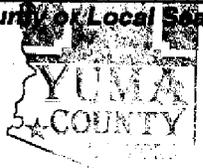
CHECK ONE:  FILING MANUALLY  
 FILING ELECTRONICALLY\* \*DRILLER'S E-MAIL ADDRESS: \_\_\_\_\_

**\*COUNTY OR LOCAL HEALTH AUTHORITY APPROVAL CODE**  
If applicant is filing this NOI electronically via the ADWR website and County approval is required, please indicate approval by providing a County Approval Code. COUNTY APPROVAL CODE

**WELL SITE PLAN**  
NAME OF WELL OWNER: JENNIFER HARDEE  
COUNTY ASSESSOR'S PARCEL ID NUMBER:  
BOOK 112 MAP 24 PARCEL 034

- ❖ If this well will be a domestic well on 5 acres or less, please draw the following: (1) the boundaries of your property; (2) the proposed well location; (3) the locations of all septic tank systems and sewer systems on the property or within 100 feet of the well location, even if on neighboring properties; and (4) any permanent structures on the property that may aid in locating the well. If the parcel is vacant land or lacks a septic tank or sewer system, please indicate this.
- ❖ Indicate the distance between the proposed well location and any septic tank system or sewer system.



COUNTY OR LOCAL AUTHORITY NAME AND TITLE <u>Phillip L. James, R.S.</u>	Official County or Local Seal or Stamp 
COUNTY OR LOCAL AUTHORITY SIGNATURE <u>Phillip Lee James</u>	
TELEPHONE NUMBER <u>928-817-5075</u> DATE <u>03-05-2008</u>	

# Arizona Department of Water Resources

3550 N Central Ave  
Phoenix AZ 85012

J A DEERE & SON WELL DRIL

Date: 3/7/2008

Cashier: WRLXS

14781 SMITH WAY

Type: Mail

SOMERTON,AZ

85350

928-726-0148

DCS/INV#	DESCRIPTION	ATTR	SIZE	QTY	PRICE	EXT PRICE
F 72	4439-06 NOTICE OF INTENT TO DRILL WELL	15245		1	100.00	100.00
				1 Unit(s)	Subtotal:	100.00
<b>RECEIPT TOTAL:</b>						<b>100.00</b>
Tendered:						100.00

Check #: 100.00 # 7294

JENNIFER HARDEE