

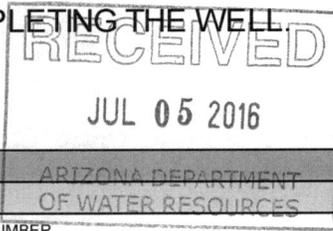


Arizona Department of Water Resources
 Information Management Unit
 PO Box 36020 • Phoenix, Arizona 85067-36020
 (602) 771-8527 • 602-771-8500

**Well Driller Report
 and
 Well Log**

7/27/16

THIS REPORT MUST BE FILED WITHIN **30 DAYS** OF COMPLETING THE WELL
 PLEASE PRINT CLEARLY USING BLACK OR BLUE INK



| |
|--|
| FILE NUMBER B(20-15) 28 BBC |
| WELL REGISTRATION NUMBER 55 - 919509 |
| PERMIT NUMBER (IF ISSUED) |

| SECTION 1. DRILLING AUTHORIZATION | | |
|-----------------------------------|---|----------------------------------|
| Drilling Firm | | |
| Mail To: | NAME KAUFMAN CORP DBA BROWN DRILLING | DWR LICENSE NUMBER 400 |
| | ADDRESS 3375 N BANK STREET | TELEPHONE NUMBER 928-757-1920 |
| | CITY / STATE / ZIP KINGMAN, AZ, 86409-3605 | FAX 928-681-4549 |

| SECTION 1. REGISTRY INFORMATION | | | | | | | |
|---|--|---|--|---------------|---|-------------------|------------------------|
| Well Owner | | | Location of Well | | | | |
| FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL NORTHRUP, MARLIN AND PAULINE | | | WELL LOCATION ADDRESS (IF ANY) S. WABA YUMA DR. KINGMAN | | | | |
| MAILING ADDRESS 4600 S WABA YUMA DRIVE | | TOWNSHIP (N/S) 20N | RANGE (E/W) 15W | SECTION 28 | 160 ACRE NW 1/4 | 40 ACRE NW 1/4 | 10 ACRE SW 1/4 |
| CITY / STATE / ZIP KINGMAN, AZ, 86401 | | LATITUDE 35° | LONGITUDE 05° | 29.63°N | 113° | 52' | 50.09°W |
| CONTACT PERSON NAME AND TITLE MARLIN | | METHOD OF LATITUDE/LONGITUDE (CHECK ONE) | | | <input checked="" type="checkbox"/> *GPS: Hand-Held | | |
| TELEPHONE NUMBER 928 757-3956 | | FAX | | | LAND SURFACE ELEVATION AT WELL 6360' | | |
| WELL NAME (e.g., MW-1, PZ-3, lot 25 Well, Smith Well, etc.) "NORTHRUP WELL" | | METHOD OF ELEVATION (CHECK ONE) | | | <input checked="" type="checkbox"/> *GPS: Hand-Held | | |
| | | *IF GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE) | | | <input checked="" type="checkbox"/> *GPS: Survey-Grade | | |
| | | <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Conventional Survey | | | <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Conventional Survey | | |
| | | COUNTY MOHAVE | | | ASSESSOR'S PARCEL ID NUMBER (MOST RECENT) | | |
| | | BOOK 204 | | | MAP 37 | | PARCEL 007B 008A |

| SECTION 3. WELL CONSTRUCTION DETAILS | | |
|--|---|--|
| Drilling Method | Method of Well Development | Method of Sealing at Reduction Points |
| CHECK ONE <input checked="" type="checkbox"/> Air Rotary <input type="checkbox"/> Bored or Augered <input type="checkbox"/> Cable Tool <input type="checkbox"/> Dual Rotary <input 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 Block <input type="checkbox"/> Surge Pump <input type="checkbox"/> Other (please specify) | CHECK ONE <input type="checkbox"/> None <input type="checkbox"/> Packed <input type="checkbox"/> Swedged <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Other (please specify) |
| | Condition of Well | Construction Dates |
| | CHECK ONE <input checked="" type="checkbox"/> Capped <input type="checkbox"/> Pump Installed | DATE WELL CONSTRUCTION STARTED 5-25-16 |
| | | DATE WELL CONSTRUCTION COMPLETED 5-25-16 |

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.

SIGNATURE OF QUALIFYING PARTY: *J. O. K.* DATE: 5/31/16

Well Driller Report and Well Log

WELL REGISTRATION NUMBER
55 - 919509

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

| Depth | | |
|-----------------|-------------------------|-------------------------|
| DEPTH OF BORING | 528' | DEPTH OF COMPLETED WELL |
| | Feet Below Land Surface | 528' |
| | | Feet Below Land Surface |

Water Level Information

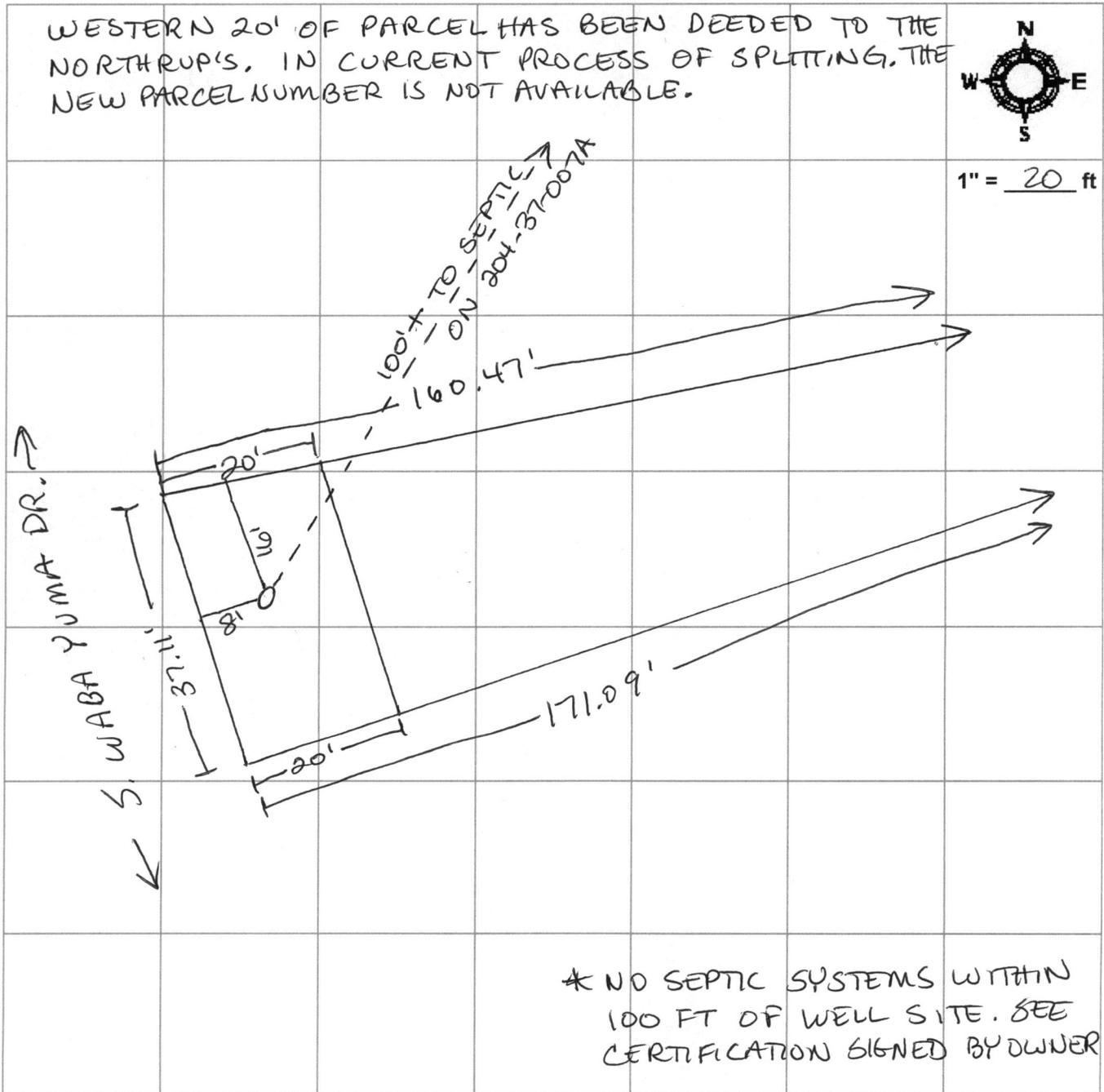
| | | | |
|-------------------------|---------------|---------------|--|
| STATIC WATER LEVEL | DATE MEASURED | TIME MEASURED | IF FLOWING WELL, METHOD OF FLOW REGULATION |
| 358' \uparrow | 5-25-16 | | <input type="checkbox"/> Valve <input type="checkbox"/> Other: |
| Feet Below Land Surface | | | |

| Borehole | | | Installed Casing | | | | | | | | | | | | | | |
|--------------------|-----------|----------------------------|--------------------|-----------|----------------|-------------------|-----|-----|-------------------------|----------------------|-----------|----------------|-------------|---------|--------------------|-------------------------|-------|
| DEPTH FROM SURFACE | | BOREHOLE DIAMETER (inches) | DEPTH FROM SURFACE | | OUTER (inches) | MATERIAL TYPE (T) | | | | PERFORATION TYPE (T) | | | | | SLOT SIZE (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 | |
| 0 | 20 | 10 1/4 | 0 | 20 | 7 | T | | | | T | | | | | | | |
| 20 | 528 | 6 1/2 | 0 | 348 | 5 | | T | | | T | | | | | | | |
| | | | 348 | 368 | 5 | | T | | | | | | T | | | | 1/8x6 |
| | | | 368 | 388 | 5 | | T | | | T | | | | | | | |
| | | | 388 | 408 | 5 | | T | | | | | | T | | | | 1/8x6 |
| | | | 408 | 428 | 5 | | T | | | T | | | | | | | |
| | | | 428 | 448 | 5 | | T | | | | | | T | | | | 1/8x6 |
| | | | 448 | 468 | 5 | | T | | | T | | | | | | | |
| | | | 468 | 488 | 5 | | T | | | | | | T | | | | 1/8x6 |
| | | | 488 | 508 | 5 | | T | | | T | | | | | | | |
| | | | 508 | 528 | 5 | | T | | | | | | T | | | | 1/8x6 |

| Installed Annular Material | | | | | | | | | | | | |
|----------------------------|-----------|---------------------------|----------|-----------------------------|------------------------|-----------|-------|---------|---|------|-------------|------|
| DEPTH FROM SURFACE | | ANNULAR MATERIAL TYPE (T) | | | | | | | | | 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 | | | | |
| 0 | 20 | | | T | | | | | | | | |
| | | | | | | | | | | | | |
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| SECTION 6. WELL SITE PLAN | | | |
|------------------------------|--|--|-----------------------------|
| NAME OF WELL OWNER | | COUNTY ASSESSOR'S PARCEL ID NUMBER (MOST RECENT) | |
| NORTHRUP, MARLIN AND PAULINE | | BOOK 204 | MAP 37 PARCEL 008A |

- ❖ Please draw the following: (1) the boundaries of property on which the well was located; (2) the 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.



Search Results

12 items found, displaying all items.1

| Description | Summary | | | |
|---------------------|-----------|--------------------------------|--|--|
| ACCOUNT R0010278 | 10628067 | 1640 CHANDLER DR | NORTHRUP JOHN & MARGARET JT 50, NORTHRUP JEROME & ELIZABETH JT 50 | TWN:RNG:SEC:TRACT: 2277 LAKE HAVASU CITY TR 2277 13... |
| ACCOUNT R0025035 | 11014119 | 4091 TIERRA VISTA DR | NORTHRUP GLEN & NANETTE JT | Section: 5 Township: 13N Range: 19W TRACT: 2282A LA... |
| ACCOUNT R0018937 | 10822111 | 361 ISLANDER LN | NORTHRUP GLEN M & NANETTE I | Section: 12 Township: 13N Range: 20W TRACT: 147 LAK... |
| ACCOUNT R0018941 | 10822112 | 371 ISLANDER LN | NORTHRUP GLEN M & NANETTE JT | Section: 12 Township: 13N Range: 20W TRACT: 147 LAK... |
| ACCOUNT R0019102 | 10820007 | 2562 DAYTONA AVE | NORTHRUP GLEN & NANETTE CPWRS | Section: 12 Township: 13N Range: 20W TRACT: 120 LAK... |
| ACCOUNT R0049305 | 20437007A | 4600 S WABA YUMA DR KINGMAN | NORTHRUP MARLIN A & PAULINE CPWRS | Section: 28 Township: 20N Range: 15W PINE LAKE UNIT... |
| ACCOUNT R0012462 | 10716039 | 1520 EL CAMINO DR | NORTHRUP GLEN MICHAEL & NANETTE I CPWRS | Township: 13N Range: 20W TRACT: 2194 LAKE HAVASU CI... |
| ACCOUNT R0011864 | 10643044 | | NORTHRUP GLEN M & NANETTE I | Section: 3 Township: 13N Range: 20W SUPERIOR STORAG... |
| ACCOUNT R0010869 | 10645088A | | NORTHRUP GLEN & NANETTE | Section: 3 Township: 13N Range: 20W T14N R20W SEC 3... |
| ACCOUNT R0010861 | 10645086A | | NORTHRUP GLEN & NANETTE CPWRS | Section: 3 Township: 13N Range: 20W T14N R20W SEC 3... |
| ACCOUNT R0085765 | 21902211A | 592 SEAFAIR DR | NORTHRUP MARGIE F | Section: 19 Township: 20N Range: 22W T20N R22W SEC ... |
| ACCOUNT R0178164 | 32230018 | 450 HIDDEN CANYON RD | NORTHRUP STANLEY & PENNY JT | Section: 15 Township: 21N Range: 16W TRACT: 1937C R... |

12 items found, displaying all items.1

Tax Account

Summary

Account Id R0049305
 Parcel Number 20437007A
 Owners NORTHRUP MARLIN A & PAULINE CPWRS
 Address HC 31 4600 WABA YUMA
 KINGMAN, AZ 86401
 Situs Address 4600 S WABA YUMA DR KINGMAN
 Legal Section: 28 Township: 20N Range: 15W PINE LAKE UNIT 2 LOT 7 & THAT POR OF LOT 8 DESC AS FOLL: BEG AT THE NWLY COR OF LOT 8 MARKING THE TPOB; TH ALONG THE WLY LN S23 DEG 16'00E 37.09' TO A PT MARKING MID- POINT OF WLY LN OF LOT 8; THN 57 DEG 38'38 E 160.47' TO AN INTERSECTION WITH THE ELY LN OF L OT 8; TH ALONG THE ELY LN N11 DEG 15'49 W 20.44' TO THE NELY COR OF LOT 8; TH ALONG THE NLY LN S63 DEG 36'19 W 159.35'(158.65' REC) TO TPOB CONT 0.35 ACRES

Inquiry

As Of 

Payment Type First
 Second

Total Due \$0.00

Value

| Area Id | Authority Type | Tax Rate |
|---------------------------------------|----------------|-------------------|
| 420 - 420 | Primary | 0.0864860000 |
| | Secondary | 0.0520010000 |
| | Flood | 0.0050000000 |
| | State Aid | 0.0188810000 |
| | Actual | Assessed |
| Taxes (State Aid) | | (\$236.42) |
| | Actual | Assessed |
| PRIMARY RESIDENCE - 1300 | 22,283 | 2,228 |
| PRIMARY RESIDENCE - 2300 | 106,021 | 10,602 |
| Total Value (Full Cash) | 128,304 | 12,830 |
| Taxes (Full Cash) | | \$651.16 |
| | Actual | Assessed |
| PRIMARY RESIDENCE - 1300 | 21,747 | 2,175 |
| PRIMARY RESIDENCE - 2300 | 103,471 | 10,347 |
| Total Value (Limited Property) | 125,218 | 12,522 |
| Taxes (Limited Property) | | \$1,082.98 |
| | Actual | Assessed |
| Taxes (Flood) | | \$62.62 |
| <hr/> | | |
| Total Billed | | \$1,560.34 |

The amounts of taxes due on this page are based on **last year's** property value assessments. For current year values visit the Mohave County Assessor's Website.

EQNOT-2016-00014



Arizona Department of Water Resources
 Groundwater Permits and Wells Section
 P.O. Box 36020 Phoenix, Arizona 85067-6020
 (602) 771-8500 • (602) 771-8690 fax
 • www.azwater.gov •

- ❖ 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 (see page 2 and instructions) and will have a pump with a maximum capacity of not more than 35 gallons per minute. Otherwise, the fee is \$150.00.
- ❖ Shared wells: While Arizona water law governs how a well subject to a well sharing agreement is to be drilled and located, it DOES NOT govern the operation or management of a well sharing agreement.
- ❖ Authority for fee: A.R.S. § 45-596 and A.A.C. R12-15-104.

\$150 or \$100 FEE

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

(except a Non-Exempt Well in an Active Management Area)

| TO BE COMPLETED BY ADWR | | | FILE NUMBER |
|-------------------------|-----------|--------|--------------------------|
| AMA/INA | B | SB | B(2015)28 BBC |
| RECEIVED DATE | WS | | WELL REGISTRATION NUMBER |
| ISSUED DATE | WQARF | CERCLA | 55-919509 |
| LEGAL REVIEW IF APP | REASONING | | |

FILING MANUALLY

FILING ELECTRONICALLY INFO@BROWNDRILLING.COM

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

County or Local Health Authority Recommends Approval pursuant to A.R.S. § 45-596 (G) and (F)

Field Inspection Performed

Site Plan Review Only

Insufficient Information to Make a Determination – If checked, please submit supplemental form A.R.S. § 45-596 (G) and (F).

Official County or Local Seal or Stamp

BY: G Smay DATE: 5-17-16

MOHAVE COUNTY DEVELOPMENT SERVICES DEPT
DIVISION OF ENVIRONMENTAL QUALITY/
WASTE DISPOSAL SERVICES

COUNTY OR LOCAL AUTHORITY NAME AND TITLE
Mohave County - Gilbert Smay Plans Ex.

TELEPHONE NUMBER 928-757-0903 DATE 5-17-16 COUNTY OR LOCAL AUTHORITY SIGNATURE M. M. S.

SECTION 2. REGISTRY INFORMATION

To determine the place of water use and location of well, please refer to the Well Registry Maps and Google Earth at: (<https://gisweb.azwater.gov/WellRegistry/Default.aspx>) and (<http://www.earthpoint.us/townships.aspx>)

| Well Type | Proposed Action | Location of Well | | | |
|--|---|---|----------------------------|----------------------------|---|
| CHECK ONE <input checked="" type="checkbox"/> Exempt (Pump has a maximum capacity of not more than 35 gpm and water is not used for irrigation purposes inside an AMA.) <i>(See instructions)</i> | CHECK ONE <input checked="" type="checkbox"/> Drill New Well <input type="checkbox"/> Deepen <input type="checkbox"/> Replace <input type="checkbox"/> Modify If Deepening, Replacing or Modifying: ORIGINAL WELL REGISTRATION NUMBER <u>55 -</u> MAXIMUM CAPACITY OF ORIGINAL WELL Gallons Per Minute | WELL LOCATION ADDRESS (IF ANY) COUNTY WHERE WELL IS LOCATED: MOHAVE | | | |
| <input type="checkbox"/> Non-Exempt (Pump has a maximum capacity of more than 35 gpm and the well is located outside an AMA.) <i>(See instructions)</i> | DISTANCE & DIRECTION FROM ORIGINAL WELL Feet | TOWNSHIP (N/S) <u>20 N</u> | RANGE (E/W) <u>15 W</u> | SECTION <u>28</u> | |
| DESIGN PUMP CAPACITY <u>5</u> Gallons Per Minute | | 160 ACRE <u>NW 1/4</u> | 40 ACRE <u>NW 1/4</u> | 10 ACRE <u>SW 1/4</u> | |
| | | COUNTY ASSESSOR'S PARCEL ID NUMBER | | # OF ACRES | |
| | | BOOK <u>204</u> | MAP <u>37</u> | PARCEL <u>008A</u> | |
| | | EXPECTED LATITUDE | | EXPECTED LONGITUDE | |
| | | <u>35 ° 05 ' 29.63" N</u> | | <u>113 ° 52 ' 50.09" W</u> | |
| | | Degrees | Minutes | Seconds | |
| | | Place of Water Use (Mandatory information, see instructions) | | | |
| | | Is the groundwater basin where the well will be drilled the same as the place where the water will be used? | | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| | | TOWNSHIP (N/S) <u>20 N</u> | RANGE (E/W) <u>15 W</u> | SECTION <u>28</u> | |
| | | 160 ACRE <u>NW 1/4</u> | 40 ACRE <u>NW 1/4</u> | 10 ACRE <u>SW 1/4</u> | |

SECTION 3. OWNER INFORMATION

| Land Owner | Well Owner (check this box if Land Owner and Well Owner are same <input checked="" type="checkbox"/>) |
|---|--|
| FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL <u>MARLIN AND PAULINE NORTHRUP</u> | FULL NAME OF COMPANY, GOVERNMENT AGENCY, OR INDIVIDUAL |
| MAILING ADDRESS <u>4600 S WABA YUMA DRIVE</u> | MAILING ADDRESS |
| CITY / STATE / ZIP CODE <u>KINGMAN, AZ 86401</u> | CITY / STATE / ZIP CODE |
| CONTACT PERSON NAME AND TITLE <u>MARLIN</u> | CONTACT PERSON NAME AND TITLE |
| TELEPHONE NUMBER <u>928-757-3956</u> | TELEPHONE NUMBER |
| FAX | FAX |

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

| SECTION 4. | | | |
|---|--------------------------|-------------------------------------|---|
| Questions | Yes | No | If Yes: |
| 1. Is the proposed well site within 100 feet of a septic tank system, sewer disposal area, landfill, hazardous materials or petroleum storage area or tank? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | You must also request a variance (A.A.C. R12-15-818). |
| 2. Is there another well name or identification number associated with this well (e.g., Lot 35 Well, Smith Well, etc.)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | (please state) |
| 3. Is the proposed well a NEW well to be located within an Active Management Area? (See instructions) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | You must also file a supplemental form A.R.S. § 45-454(C) & (D), unless the well is a replacement well and the total number of operable exempt wells on the land is not increasing. |
| 4. Is the proposed well the second exempt well on this parcel for the same use? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | You must also file a supplemental form A.R.S. § 45-454(I) if the proposed well is in an Active Management Area. |

| SECTION 5. DRILLING AUTHORIZATION | | SECTION 6. WATER / SITE INFORMATION | |
|--|--------------------------------------|--|--|
| Drilling Firm | | Principal Use of Water | Other Uses of Water |
| NAME BROWN DRILLING | | CHECK ONE | CHECK ALL THAT APPLY |
| DWR LICENSE NUMBER 400 | ROC LICENSE NUMBER 230768, 234062 | <input type="checkbox"/> Irrigation* | <input type="checkbox"/> Irrigation |
| TELEPHONE NUMBER 928-757-1920 | FAX 928-681-4549 | <input type="checkbox"/> Commercial | <input type="checkbox"/> Commercial |
| MAILING ADDRESS 3375 N BANK ST | | <input checked="" type="checkbox"/> Domestic | <input type="checkbox"/> Domestic |
| CITY / STATE / ZIP CODE KINGMAN, AZ 86409 | | <input type="checkbox"/> Municipal | <input type="checkbox"/> Municipal |
| DRILLERS EMAIL INFO@BROWNDRILLING.COM | | <input type="checkbox"/> Industrial | <input type="checkbox"/> Industrial |
| DATE CONSTRUCTION IS SCHEDULED TO BEGIN "UPON APPROVAL" | | <input type="checkbox"/> Stock | <input type="checkbox"/> Stock |
| | | <input type="checkbox"/> Remediation | <input type="checkbox"/> Remediation |
| | | <input type="checkbox"/> Dewatering | <input type="checkbox"/> Dewatering |
| | | <input type="checkbox"/> Other (please specify): | <input type="checkbox"/> Other (please specify): |

*Pursuant to ARS § 45-402(23) Irrigation is defined as applying water to two or more 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.

NOTE: If this is a Notice of Intent to construct a new well that will be used 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), the authorization to drill the well issued in association with this Notice **shall not be considered the approval to transport groundwater to an AMA.** (See instructions)

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 | 20 | 10 1/4 | 0 | 20 | 7 | X* | | | | | | | | | | | CEMENT |
| 20 | 500 | 6 1/2 | 0 | 460 | 5 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| | | | 460 | 500 | 6 5/8 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |

* 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. R12-15-811(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."

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

SECTION 8. PERMISSION TO ACCESS

By checking this box, I hereby provide ADWR permission to enter the property for the purpose of taking water level measurements at this well. Advance notice can be provided. (See instructions)

SECTION 9. WELL SITE PLAN

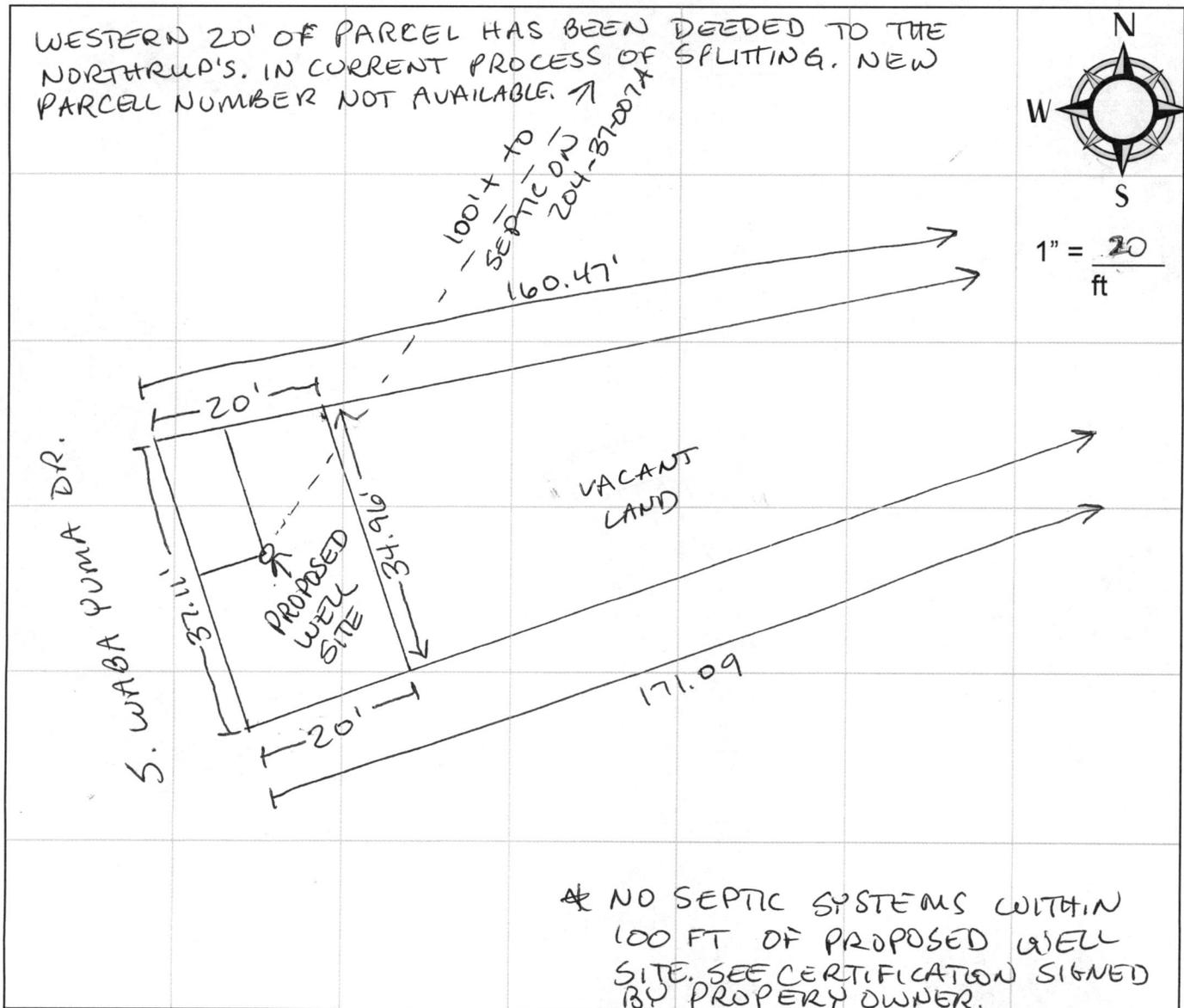
- ❖ If this well will be a domestic well on 5 acres or less, please draw the following: (1) the boundaries of your property; (2) the proposed well location; (3) the locations of all septic tank systems and sewer systems on the property or within 100 feet of the well location, even if on neighboring properties; 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 HEALTH AUTHORITY APPROVAL CODE | COUNTY APPROVAL CODE |
| <i>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.</i> | 1041525165 |

SECTION 10. LAND OWNER AND WELL OWNER SIGNATURE

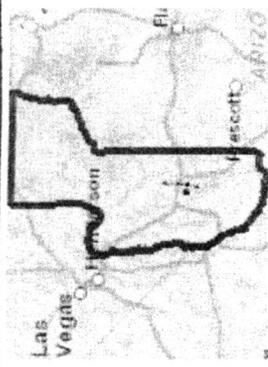
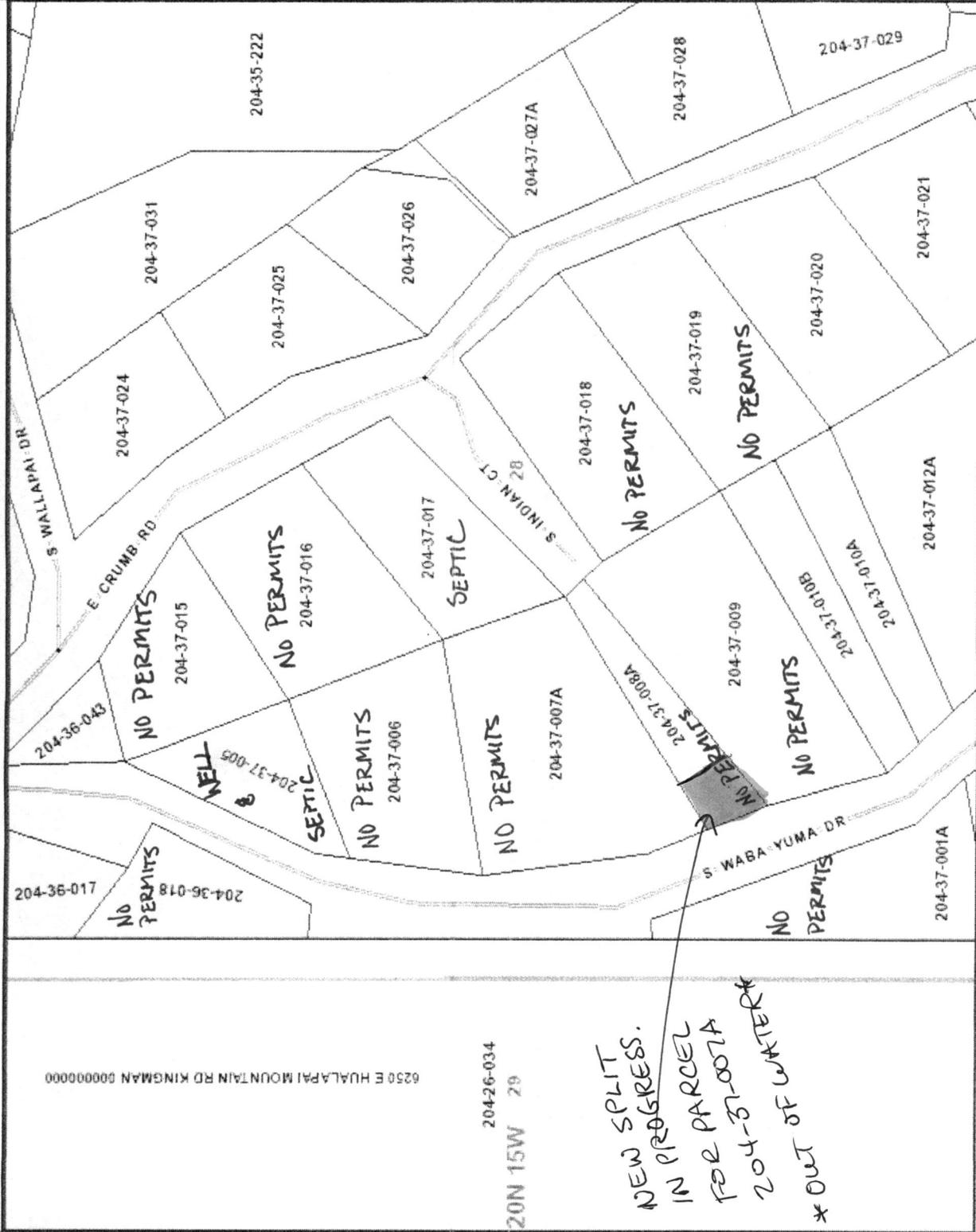
I state that this notice is filed in compliance with A.R.S. § 45-596 and is complete and correct to the best of my knowledge and belief.

| Land Owner | Well Owner (if different from Land Owner; See instructions) |
|--|--|
| PRINT NAME AND TITLE MARLIN NORTHRUP | PRINT NAME AND TITLE MARLIN NORTHRUP |
| SIGNATURE OF LAND OWNER <i>Marlin Northrup</i> | SIGNATURE OF WELL OWNER <i>Marlin Northrup</i> |
| DATE 5-16-16 | DATE 5-16-16 |
| <input type="checkbox"/> By checking this box, you agree to allow ADWR to contact you via electronic mail. | <input type="checkbox"/> By checking this box, you agree to allow ADWR to contact you via electronic mail. |
| EMAIL ADDRESS | EMAIL ADDRESS |



Interactive Map Viewer

gis.mohavecounty.us



Legend

- ADOT Mileposts
- COUNTY Mileposts
- Sign Post Exists
- Calculated Measure
- Highways
- Main Arterials
- Collectors
- Local
- Railroad
- Incorporated Cities (>1:200K)
- Township/Range
- Section
- Surface Management
 - AZ Game and Fish
 - Bureau of Land Management
 - Bureau of Reclamation
 - City or County Parks
 - Indian Reservation
 - Military Reservation
 - National Parks
 - National Wildlife Refuge
 - Other
 - Private
 - State Parks
 - State Trust
 - US Forest Service

1:1,268

Notes:

This map is a user generated static output from the Mohave County Interactive Map Viewer and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION, AS A LEGAL DOCUMENT, FOR PROPERTY DESCRIPTIONS, OR DETERMINATION OF LEGAL TITLE, AND SHOULD NEVER BE SUBSTITUTED FOR SURVEY OR DEED INFORMATION. The user agrees to comply with the Limitation of Use, and Assumption of Risk as stated in the full disclaimer at <http://gis.mohavecounty.us>

0 105.6 211.3 Feet

(approximate scale)

Map Created: 3/14/2016

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Arizona Department of Water Resources
 Engineering and Permits Division
 3550 North Central Avenue,
 Phoenix, Arizona 85012-2105
 (602) 771-8500 ♦ (602) 771-8690
 · www.azwater.gov ·

**Certification to the Notice of Intention to Drill
 an Exempt Well for Domestic Use
 Pursuant to § 45-596(F) & (G)**

| | |
|--------------------------|---------------|
| FILE NUMBER | B(2015)28 BBC |
| WELL REGISTRATION NUMBER | 55-919509 |

Certification of Proposed Well, Septic Tanks and Sewer Systems

Notices of Intent to Drill, Deepen, Replace or Modify a well that are reviewed by the county environmental health authority before being submitted to ADWR are sometimes marked as Insufficient Information to Make a Decision that the proposed well will not be within 100 feet of a septic tank or sewer system.

When the county has been unable to make a determination, the applicant may sign the following certification in lieu of providing maps of adjacent parcels and their septic tanks and sewer systems.

I state that this supplement is filed in compliance with A.R.S. § 45-596(F) & (G), is complete and correct to the best of my knowledge and belief, and I have read, understand and will comply with the following:

1. I have conducted and performed a reasonable investigation of the locations of any and all septic tanks and sewer systems on the property on which the proposed well is located and on neighboring properties.
2. Based on this reasonable investigation, and to the best of my knowledge, I certify that the proposed well location is not within one hundred (100) feet of any septic tank or sewer system on property on which the proposed well is to be located or any neighboring parcel of land. I understand, represent and acknowledge that I assume any and all risks of the accuracy and diligence of this representation, including health risks to myself and others, and that I may be required to take ameliorative action in the event that facts are subsequently revealed to the contrary.
3. I understand, represent and acknowledge that the Department has made no representation or promises as to water quality or quantity from a well constructed in accordance with the Department's Rules.
4. I understand that the well will be approved for construction at this location only, and represent that I will not knowingly construct the well within 100 feet of any septic tank or sewer system.

| | | |
|---------------------------------|-----------------------------|-------------|
| TYPE OR PRINT NAME OF APPLICANT | 204-37-008A and 204-37-007A | |
| SIGNATURE OF APPLICANT | MARLIN NORTHRUP | DATE SIGNED |
| | | 5-16-16 |

If you have any questions concerning these requirements, please call 602-771-8527.

55-919509

at the request of Pioneer Title Agency, Inc.

When recorded mail to

**Marlin Northrup
Pauline Northrup
4600 S. Waba Yuma Drive
Kingman, AZ 86401**

74501372-VEM

FEE# 2016020476

OFFICIAL RECORDS OF MOHAVE COUNTY
ROBERT BALLARD, COUNTY RECORDER
05/09/2016 03:18 PM Fee \$17.00
PAGE: 1 of 6

SPACE ABOVE THIS LINE FOR RECORDER'S USE

Tax Parcel No.: 204-37-008A

WARRANTY DEED

For the consideration of Ten Dollars, and other valuable consideration, I or we,
Barbara F. Hutchinson, Trustee of the Barbara F. Hutchinson Revocable Living Trust, dated May 1,
2008 do/does hereby convey to
Marlin Northrup and Pauline Northrup, Husband and Wife, as Joint Tenants with Right of Survivorship
the following real property situated in Mohave County, Arizona:
See Exhibit A attached hereto and made a part hereof.

Pursuant to A.R.S § 33-404, the names and addresses of the beneficiaries of the above referenced
Trust are disclosed in the Trust Disclosure Exhibit attached hereto and incorporated herein by
reference.

SUBJECT TO: Current taxes and other assessments, reservations in patents and all easements, rights of
way, encumbrances, liens, covenants, conditions, restrictions, obligations and liabilities as may appear
of record.

The Grantor warrants the title against all persons whomsoever.

DATED: May 3, 2016

**The Barbara F. Hutchinson Revocable Living
Trust, dated May 1, 2008**

Barbara F. Hutchinson

Barbara F. Hutchinson, Trustee

55-919509

Exhibit A

2016020476 Page: 4 of 6

A portion of the South $\frac{1}{2}$ Lot 8, PINE LAKE, UNIT NO. 2, according to the plat recorded December 16, 1962, at Fee No. 117926 in the office of the Recorder of Mohave County, Arizona. Said portion being described as follows:

Beginning at the southwesterly corner of said Lot 8, being a 1" pipe.

Thence North $23^{\circ}16'$ West along the westerly line of said Lot 8, a distance of 37.11 feet to a found $\frac{5}{8}$ " rebar with cap LS 25401;

Thence North $57^{\circ}38'38''$ East along the south line of the exception described in deed at fee No. 2008-046910, a distance of 20.00 feet to a $\frac{1}{2}$ " rebar with cap LS 25074;

Thence South $22^{\circ}30'02''$ East a distance of 34.96 feet to a point on the southerly line of said Lot 8 being a $\frac{1}{2}$ " rebar with cap LS 25074;

Thence South $51^{\circ}19'40''$ West along the south line of said Lot 8, a distance of 20.00 feet returning to the point of beginning.

EXCEPT all oil, gas, coal, and minerals as set forth in instrument recorded in Book 35 of Deeds, Page 283.

Unofficial

COPY

ARIZONA DEPARTMENT OF WATER RESOURCES

Phoenix, Arizona 85012

DRILLING CARD

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

WELL REGISTRATION NO: **55-919509**

AUTHORIZED DRILLER: **KAUFMAN CORP DBA BROWN DRILLING**

LICENSE NO: **400**

NOTICE OF INTENT TO **DRILL AN EXEMPT WELL** HAS BEEN FILED WITH THE DEPARTMENT BY:

WELL OWNER: **NORTHRUP, MARLIN AND PAULINE**

ADDRESS: **4600 S WABA YUMA DRIVE, KINGMAN, AZ, 86401**

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

SW 1/4 of the NW 1/4 of the NW 1/4 Section 28 Township 20 N Range 15 W

NO. OF WELLS IN THIS PROJECT: **1** ASSESSOR'S PARCEL NO: **204-37-008A**

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE DAY OF **5/17/2017**

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



This drilling or abandonment authority was granted based upon the certifications made by the above-named Driller in the notice of intent to drill or abandon. Those certifications, along with any variances granted, are listed below. By drilling or abandoning the well pursuant to this authorization, the above-named driller acknowledges the accuracy of the driller certifications. If the certifications are in error, this authorization is invalid and driller must contact the Department of Water Resource's NOI Section in writing at the address above to correct.

Variance(s) Granted To Driller: **None**

Certification(s) Made By Driller:

- By checking this box, I certify that I have all necessary Registrar of Contractor (ROC) licenses in all necessary license categories for this drilling or abandonment project and that those licenses are current.
- By checking this box, I certify that I have been authorized by the above-named well owner to submit this Notice of Intent on the well owner's behalf.
- By checking this box, I certify that I have received county health authority approval for the proposed well location associated with this NOI application within the past year.
- By checking this box, I certify that I shall submit the well site plan, showing written approval and endorsement by the county or local health authority, to ADWR with the Well Driller Report/Log within 30 days of completion of drilling.
- By checking this box, I certify that the information above is complete and correct, and that the well shall be drilled or abandoned in compliance with all pertinent statutes and rules, including any special standards that may be required to protect the aquifer or other water sources.
- By checking this box, I certify that the proposed well site is not within 100 feet of any septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous materials or petroleum storage areas and tanks.

- By checking this box, I certify that the proposed well's water use meets the criteria of domestic purposes as outlined in the A.R.S. §45-454 and that the water will be used solely for domestic purposes.
- By checking this box, I certify that this NOI application is not an application to replace, deepen, or modify an existing well.
- By checking this box, I understand that 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.
- I certify the point of use for the water to be pumped from this well is the same ground water basin as this well.

ARIZONA DEPARTMENT OF WATER RESOURCES
Electronic Filing - NOI Report

Phoenix, Arizona

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

Well Type: EXEMPT

Date Received at ADWR Website: 5/17/2016

Fee Paid: \$100.00

Order Number: -5491

Well Registration Number: 55 - 919509

Number of Wells/Holes: 1

Drilling Authority Expires On: 5/17/2017

Driller's ADWR License Number: 400

Authorized Driller: KAUFMAN CORP DBA BROWN DRILLING

ROC License Number Entered By Driller: 230768, 234062

Qualifying Party License Categories: CR-53, A-04

Well Owner Name: NORTHRUP, MARLIN AND PAULINE

Well Owner Address: 4600 S WABA YUMA DRIVE

Well Owner City, State - Zip: KINGMAN, AZ - 86401

Well Owner Phone: 928 757-3956

Book: 204

Map:37

Parcel: 008A

Is the Land Owner the same as the Well Owner?: Yes

Well Location: **SW** 1/4 of the **NW** 1/4 of the **NW** 1/4 Section **28** Township **20 N** Range **15 W**

AMA: NOT WITHIN ANY AMA OR INA

County: MOHAVE

Contamination Site: NOT IN A REMEDIAL ACTION SITE

Design Pumping Capacity: **<= 35 GPM**

Primary Water Use: **DOMESTIC**

Secondary Water Use(s): **N/A**

Was written approval obtained from the applicable county or local health authority to drill the proposed well?:

Obtained

County Approval Pin: **1041525165**

Is the proposed water use for domestic purposes on <= 5 acres?: **Yes**

Is any portion of the land, on which the well is to be located, within 100 feet of a designated municipal provider's operating water distribution system as shown on the municipal provider's most recent digitized service area map filed by the municipal provider with the director of ADWR. **N/A**

Will the installed pump have a pumping capacity of greater than 35 GPM, or will the well will be used to withdraw greater than 10 Acre Feet per year?: **N/A**

Variance(s) Granted To Driller: **None**

Certification(s) Made By Driller:

- By checking this box, I certify that I have all necessary Registrar of Contractor (ROC) licenses in all necessary license categories for this drilling or abandonment project and that those licenses are current.
- By checking this box, I certify that I have been authorized by the above-named well owner to submit this Notice of Intent on the well owner's behalf.
- By checking this box, I certify that I have received county health authority approval for the proposed well location associated with this NOI application within the past year.
- By checking this box, I certify that I shall submit the well site plan, showing written approval and endorsement by the county or local health authority, to ADWR with the Well Driller Report/Log within 30 days of completion of drilling.
- By checking this box, I certify that the information above is complete and correct, and that the well shall be drilled or abandoned in compliance with all pertinent statutes and rules, including any special standards that may be required to protect the aquifer or other water sources.
- By checking this box, I certify that the proposed well site is not within 100 feet of any septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous materials or petroleum storage areas and tanks.
- By checking this box, I certify that the proposed well's water use meets the criteria of domestic purposes as outlined in the A.R.S. §45-454 and that the water will be used solely for domestic purposes.
- By checking this box, I certify that this NOI application is not an application to replace, deepen, or modify an existing well.
- By checking this box, I understand that 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.
- I certify the point of use for the water to be pumped from this well is the same ground water basin as this well.

NOTICE

A.R.S. § 41-1030(B), (D), (E) and (F) provide as follows:

- B. An agency shall not base a licensing decision in whole or in part on a licensing requirement or condition that is not specifically authorized by statute, rule or state tribal gaming compact. A general grant of authority in statute does not constitute a basis for imposing a licensing requirement or condition unless a rule is made pursuant to that general grant of authority that specifically authorizes the requirement or condition.
- D. This section may be enforced in a private civil action and relief may be awarded against the state. The court may award reasonable attorney fees, damages and all fees associated with the license application to a party that prevails in an action against the state for a violation of this section.
- E. A state employee may not intentionally or knowingly violate this section. A violation of this section is cause for disciplinary action or dismissal pursuant to the agency's adopted personnel policy.
- F. This section does not abrogate the immunity provided by section 12-820.01 or 12-820.02.



Arizona Department of Water Resources
 Information Management Unit
 PO Box 36020 | Phoenix, Arizona 85067-36020
 (602) 771-8527 | 602-771-8500

Well Driller Report and Well Log

THIS REPORT MUST BE FILED WITHIN 30 DAYS OF COMPLETING THE WELL.

PLEASE PRINT CLEARLY USING BLACK OR BLUE INK

| |
|--|
| FILE NUMBER B(20-15) 28 BBC |
| WELL REGISTRATION NUMBER 55 - 919509 |
| PERMIT NUMBER (IF ISSUED) |

SECTION 1. DRILLING AUTHORIZATION

| Drilling Firm | | |
|-----------------|---|----------------------------------|
| Mail To: | NAME KAUFMAN CORP DBA BROWN DRILLING | DWR LICENSE NUMBER 400 |
| | ADDRESS 3375 N BANK STREET | TELEPHONE NUMBER 928-757-1920 |
| | CITY / STATE / ZIP KINGMAN, AZ, 86409-3605 | FAX |

SECTION 1. REGISTRY INFORMATION

| Well Owner | | Location of Well | | | | | |
|--|-----|--|-------------|---------|-----------------|----------------|----------------|
| FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL NORTHRUP, MARLIN AND PAULINE | | WELL LOCATION ADDRESS (IF ANY) | | | | | |
| MAILING ADDRESS 4600 S WABA YUMA DRIVE | | TOWNSHIP (N/S) | RANGE (E/W) | SECTION | 160 ACRE 1/4 | 40 ACRE 1/4 | 10 ACRE 1/4 |
| CITY / STATE / ZIP KINGMAN, AZ, 86401 | | LATITUDE ° | | "N | LONGITUDE ° | | "W |
| CONTACT PERSON NAME AND TITLE | | METHOD OF LATITUDE/LONGITUDE (CHECK ONE) <input type="checkbox"/> *GPS: Hand-Held <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Conventional Survey <input type="checkbox"/> *GPS: Survey-Grade | | | | | |
| TELEPHONE NUMBER 928 757-3956 | FAX | LAND SURFACE ELEVATION AT WELL Feet Above Sea Level | | | | | |
| WELL NAME (e.g., MW-1, PZ-3, lot 25 Well, Smith Well, etc.) | | METHOD OF ELEVATION (CHECK ONE) <input type="checkbox"/> *GPS: Hand-Held <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Conventional Survey <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 (MOST RECENT) BOOK 204 MAP 37 PARCEL 008A | | | | | |

SECTION 3. WELL CONSTRUCTION DETAILS

| Drilling Method | Method of Well Development | Method of Sealing at Reduction Points |
|---|--|---|
| CHECK ONE <input type="checkbox"/> Air Rotary <input type="checkbox"/> Bored or Augered <input type="checkbox"/> Cable Tool <input type="checkbox"/> Dual Rotary <input 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 type="checkbox"/> Airlift <input type="checkbox"/> Bail <input type="checkbox"/> Surge Block <input type="checkbox"/> Surge Pump <input type="checkbox"/> Other (please specify) | CHECK ONE <input type="checkbox"/> None <input type="checkbox"/> Packed <input type="checkbox"/> Swedged <input type="checkbox"/> Welded <input type="checkbox"/> Other (please specify) |
| | Condition of Well | Construction Dates |
| | CHECK ONE <input type="checkbox"/> Capped <input type="checkbox"/> Pump Installed | DATE WELL CONSTRUCTION STARTED |
| | | DATE WELL CONSTRUCTION COMPLETED |

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.

| | |
|-------------------------------|------|
| SIGNATURE OF QUALIFYING PARTY | DATE |
|-------------------------------|------|



Well Driller Report and Well Log

Introduction

These instructions are a guide to filling out Form DWR 55-55 (Rev. 06/15/2010), entitled "Well Driller Report and Well Log." Please review the instructions prior to completing the form in black or blue ink. Forms may be obtained at any Arizona Department of Water Resources (ADWR) office and at ADWR's web site, <http://www.azwater.gov>. For information about the form or these instructions, contact Groundwater Permitting & Wells at (602) 771-8500. There is no fee for filing this form.

When Form DWR 55-55 Must be Filed

Within 30 days after completion of the drilling, deepening or modification of a well, the licensed well driller who performed the work must file a Well Driller Report and Log with ADWR. Because the information in the report describes the well as it was actually constructed, and comes from the person who constructed the well, the information is very valuable to ADWR. For that reason, it is very important to fill out the report with the most accurate information possible.

Instructions for Filling out the Form

Well Registration and Permit Numbers

Fill in the registration number of the well and any ADWR permit number associated with the well in the upper right-hand corner of the first page. Also fill in the well registration number in the upper right-hand corner of all other pages so that the well information on those pages can be identified when the pages are separated during computer imaging.

Section 1 - Drilling Authorization

Fill in the name, address, DWR license number and telephone and fax numbers of the drilling firm filing the report.

Section 2 - Registry Information

Well Owner

Fill in the name, mailing address, telephone number and fax number (if available) of the well owner. If the well owner is a corporation, governmental unit or other entity, provide the name of a contact person.

Location of Well

Fill in the following information relating to the location of the well:

- The street address of the property where the well is located. For monitor wells or other wells associated with contaminant investigations or remedial projects, this will usually be the same as the facility address.
- The legal description of the well site. The legal description is the township, range, section, and in decreasing order, the quarters of that section so that the well location falls in a 10-acre block within that section. Normally, the legal description will be the same as that given in the original Notice of Intent to drill the well, but occasionally a more accurate description is discovered after the Notice is filed.
- The latitude and longitude (in degrees-minutes-seconds format) and land surface elevation at the well, and the method used to determine these data. **Please note this information is mandatory.** Use of a Global Positioning System (GPS) receiver is the only method accepted by the Department. The GPS unit should be adjusted to use the NAD-83 datum. Please indicate if the geographic coordinate datum used was NAD-83, and if not, which datum was used.
- The name of the county and the tax assessor's parcel identification number for the land where the well is located. This information can normally be taken from the original Notice of Intent to drill the well, and may also be obtained from the county tax assessor's office. Federal or State land will not have a parcel identification number.

Section 3 - Well Construction Details

Section 3 requires details on the construction of the well. Indicate the drill method by checking the appropriate box. If the drill method is not listed, check the "Other" box and describe the method. To the right of that, indicate the method of well development by checking the

appropriate box. Next, indicate the method of sealing at reduction points. If the method used is not listed, check "Other" and provide a brief explanation. Under *Well Driller Completion Report and Well Log Form 55-55 Instructions (Rev. 06/2010) Page 2*

Condition of Well, indicate whether the well was capped, or a pump was installed, when you left it. Then fill in the date when well construction started, and the date when well construction was completed.

Signature Block

The form must be signed and dated by the qualifying party of the drilling firm.

Section 4 - Well Construction Design (As Built)

Section 4 contains tables to fill in information on the existing borehole, the installed casing and the installed annular material. The tables are broken down by depth interval.

In the first set of boxes, fill in the depth of the boring and the depth of the completed well, as measured in feet below the land surface.

Under **Water Level Information** please indicate the static water level in the well, as measured in feet below the land surface, and the date and time the water level was measured. If the well is a flowing well, include the method by which the artesian flow is regulated.

In the **Borehole** table, fill in the diameter of the borehole in inches, and indicate the depth interval for each change in diameter. In the **Installed Casing** table, fill in the outer diameter of the casing in inches, check the appropriate boxes indicating the type of casing material and the type of perforations, and fill in the slot size of any perforations. Fill in the depth interval for each change in information. Please note that not every interval will be perforated. Check the "Blank or None" box for non-perforated depth intervals. If the type of casing material or perforations is not listed, describe the type in the appropriate box.

In the **Installed Annular Material** table, check the appropriate boxes indicating the type of annular material or filter pack installed at each depth interval. Fill in the size of the filter pack used. Provide the depth interval for each change in information. If the type of annular material is not listed, describe the material in the appropriate box.

Section 5 - Geologic Log of Well

Section 5 requires the geologic or lithologic log of the well. Describe the various units encountered during drilling. Provide as much description as possible. The

log description must be broken down by depth intervals below ground surface, and every interval where groundwater, including perched groundwater, was encountered must be checked. If a consulting firm was involved with the well construction, the consultant's lithologic log may be submitted in lieu of completing Section 5.

Section 6 - Well Site Plan

In the boxes at the top of Section 6, fill in the name of the well owner and the county tax assessor's parcel identification number for the land where the well is located. Below that, provide a scale drawing of where the well was actually constructed on the parcel, illustrating the property boundaries, the well location and any structures on the property. The drawing must also show the location of any septic tank or sewer systems on the property or within 100 feet of the well, even if on neighboring property, and the distance between the well and the septic tank or sewer system. The drawing should closely match the drawing on the original Notice of Intent to drill the well, but the purpose of this drawing is to show where the well was actually drilled, especially if the location is different than originally planned. This information will be shared with the county.

Where to File Form

Completed forms may be mailed to ADWR at the following address:

Arizona Department of Water Resources
Groundwater Permitting and Wells
PO Box 36020
Phoenix, AZ 85067-36020

Completed forms may also be submitted to ADWR's main office at 3550 North Central Avenue, Second Floor., Phoenix, AZ 85012.

The completed form must be legible and of good quality when received by ADWR so that it can be scanned into ADWR's permanent records.

ARIZONA DEPARTMENT of WATER RESOURCES
3550 North Central Avenue, Second Floor
Phoenix, AZ 85012
602-771-8500
azwater.gov

May 17, 2016

MARLIN AND PAULINE NORTHRUP
4600 S WABA YUMA DRIVE
KINGMAN, AZ 86401

Registration No. 55- 919509
File Number: B(20-15) 28 BBC

Dear Well Applicant:

Enclosed is a copy of the Notice of Intention to Drill (NOI) a well which you or your driller recently filed with the Department of Water Resources. This letter is to inform you that the Department has approved the NOI and has mailed, or made available for download, a drilling authorization card to your designated well drilling contractor. The driller may not begin drilling until he/she has received the authorization, and must keep it in their possession at the well site during drilling. Although the issuance of this drill card authorizes you to drill the proposed well under state law, the drilling of the well may be subject to restrictions or regulations imposed by other entities.

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, a new NOI must be filed and authorization from this Department received before proceeding with drilling. If 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 by your driller [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 on a Request to Change Well Information (form 55-71A). 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/she receives a new drilling authorization card from the Department.

If you find it necessary to change the location of the proposed well(s), you may not proceed with drilling until you file an amended NOI with the Department. An amended drilling authorization card will then be issued to the well drilling contractor, which must be in their possession before drilling begins.

Arizona statute [A.R.S. § 45-600] requires registered well owners to file a Pump Installation Completion Report (form 55-56) with the Department within 30 days after the installation of pumping equipment, if authorized. A blank report is enclosed for your convenience. State statute also requires the driller to file a complete and accurate Well Drillers Report and Well Log (form 55-55) within 30 days after completion of drilling. A blank report form was provided to your driller with the drilling authorization card. You should insist and ensure that all of the required reports are accurately completed and timely filed with the Department.

Please be advised that Arizona statute [A.R.S. § 45-593(C)] requires a registered well owner 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 (form 55-71A) that may be downloaded from the ADWR Internet website at www.azwater.gov.

Sincerely,

Groundwater Permitting and Wells Section



DOUGLAS A. DUCEY
Governor

THOMAS BUSCHATZKE
Director



Arizona Department of Water Resources
 Information Management Unit
 PO Box 36020 , Phoenix, AZ 85067-36020
 (602) 771-8527 ▪ 1-800-352-8488

Pump Installation Completion Report

- ✓ Review instructions prior to completing form in black or blue ink.
- ✓ The registered well owner should file this report with the Department within 30 days following installation of pump equipment.

| |
|---|
| FILE NUMBER B(20-15) 28 BBC |
| WELL REGISTRATION NUMBER 55 - 919509 |

**** PLEASE PRINT CLEARLY ****

| SECTION 1. REGISTRY INFORMATION | |
|---|--|
| Well Owner | Location of Well |
| FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL NORTHRUP, MARLIN AND PAULINE | WELL LOCATION ADDRESS (IF ANY) |
| MAILING ADDRESS 4600 S WABA YUMA DRIVE | TOWNSHIP (N/S) RANGE (E/W) SECTION 160 ACRE 40 ACRE 10 ACRE 1/4 1/4 1/4 |
| CITY / STATE / ZIP KINGMAN, AZ. 86401 | COUNTY ASSESSOR'S PARCEL ID NUMBER (MOST RECENT) |
| CONTACT PERSON NAME AND TITLE | BOOK MAP PARCEL 204 37 008A |
| TELEPHONE NUMBER 928 757-3956 | FAX |
| | COUNTY WHERE WELL IS LOCATED |

| SECTION 2. EQUIPMENT INSTALLED | |
|---|---|
| DATE PUMP INSTALLED | Pitless Adaptor CHECK ONE (SEE INSTRUCTIONS FOR DEFINITION) |
| Pump Type CHECK ONE | Was a pitless adaptor installed? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Air Lift <input type="checkbox"/> Bucket <input type="checkbox"/> Centrifugal <input type="checkbox"/> Jet <input type="checkbox"/> Piston | IF YES, DEPTH BELOW GROUND LEVEL THE DEVICE WAS INSTALLED _____ Feet |
| <input type="checkbox"/> Rotary <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine <input type="checkbox"/> Other (Please Specify): | Power Type CHECK ONE |
| RATED PUMP CAPACITY _____ Gallons Per Minute | <input type="checkbox"/> Diesel Engine <input type="checkbox"/> Electric Motor <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Hand <input type="checkbox"/> Natural Gas <input type="checkbox"/> Windmill <input type="checkbox"/> Other (Please Specify): |
| | HORSE POWER RATING OF MOTOR |

| SECTION 3. PUMP TEST | | |
|---|--|--|
| Pump Test Data | Method of Discharge Measurement | Method of Measuring Water Level |
| DATE WELL TESTED | CHECK ONE | CHECK ONE |
| STATIC WATER LEVEL (A) _____ Feet Below Land Surface | <input type="checkbox"/> Bailer | <input type="checkbox"/> Air Line |
| PUMPING WATER LEVEL (B) _____ Feet Below Land Surface | <input type="checkbox"/> Bucket - Barrel - Stopwatch | <input type="checkbox"/> Electric Measuring Line (Sounder) |
| DRAWDOWN [(B) - (A)] _____ Feet Below Land Surface | <input type="checkbox"/> Current | <input type="checkbox"/> Steel Tape |
| TEST PUMPING RATE _____ Gallons Per Minute | <input type="checkbox"/> Estimated - Air Lift | <input type="checkbox"/> Other (Please Specify): |
| DURATION OF PUMP TEST (Minimum 4 Hours) _____ Hours | <input type="checkbox"/> Gauge | |
| TOTAL PUMPING LIFT _____ Feet | <input type="checkbox"/> Meter | |
| FOR FLOWING WELL, MEASURED SHUT IN HEAD <input type="checkbox"/> FT <input type="checkbox"/> PSI | <input type="checkbox"/> Orifice | |
| | <input type="checkbox"/> Volume | |
| | <input type="checkbox"/> Weir - Flume | |
| | <input type="checkbox"/> Other (Please Specify): | |

I HEREBY CERTIFY that the above statements are true to the best of my knowledge and belief according to A.R.S. § 45-600(B).

| | |
|-------------------------|------|
| SIGNATURE OF WELL OWNER | DATE |
|-------------------------|------|



Pump Installation Completion Report

Introduction

These instructions are a guide to filling out Form DWR 55-56 (Rev. 07/20/07), entitled "Pump Installation Completion Report." Please review the instructions prior to completing the form in black or blue ink. Forms may be obtained at any Arizona Department of Water Resources (ADWR) office and at ADWR's Web site, <http://www.azwater.gov>. For information about the form or these instructions, contact the Supervisor of the Notice of Intent Program at (602) 771-8500. There is no fee for filing this form.

When Form DWR 55-56 Must be Filed

A Pump Installation Completion Report must be filed by the owner of a well within 30 days after a pump is installed in the well. It is recommended that the report be filled out with the assistance of the firm that installed the pump. The information in the report, including where the well is located, who owns the well, and what pump equipment was installed in the well, will be placed in ADWR's database of all wells in Arizona. Because the report will describe conditions in the well as they actually exist, the information is very valuable to ADWR. For that reason, it is very important to fill out the report with the most accurate information possible.

Instructions for Filling out the Form

Well Registration Number

Fill in the registration number of the well in the box in the upper right-hand corner of the form. If this is a new well, the number will be the registration number that ADWR assigned to the well when the Notice of Intent to drill the well was filed.

Section 1 - Registry Information

Well Owner

Fill in the well owner's name, mailing address and telephone and fax numbers. If the well owner is a corporation, governmental unit or other entity, provide the name of a contact person.

Location of Well

Fill in the following information relating to the location of the well:

The street address of the property where the well is located, if

the property has a street address.

- The legal description of the well location. The legal description is the township, range, section, and in decreasing order, the quarters of that section so that the well location falls in a 10-acre block within that section. This will usually be the same as the legal description for the well location submitted with the original Notice of Intent to drill the well, but occasionally a more accurate legal description is discovered after the Notice is filed.
- The county tax assessor's parcel identification number for the land where the well is located. This information can normally be taken from the original Notice of Intent to drill the well, and may also be obtained from the county tax assessor's office. Federal or State land will not have a parcel identification number.
- The name of the county where the well is located.

Section 2 - Equipment Installed

Section 2 requires information on the pump equipment installed in the well. In the space in the upper left-hand corner of the section, fill in the date the pump equipment was installed.

Pitless adaptor is defined in Arizona Administrative Code R12-15-801(21), as a commercially manufactured watertight unit or device designed for attachment to a steel well casing which permits discharge from the well below the land surface and allows access into the well casing while preventing contaminants from entering the well. In the box labeled **Pitless Adaptor**, check yes if a pitless adaptor was installed and note at what depth below grade the device was installed.

In the block labeled **Pump Type**, check the appropriate box indicating the type of pump installed. If the type of pump is not listed, check "Other" and describe the pump type. Below that block, fill in the rated pump capacity of the pump in gallons per minute.

In the block labeled **Power Type**, check the appropriate box indicating the type of power the pump uses. If the type of power is not listed, check "Other" and describe the power type. Below that block, fill in the horsepower rating of the

motor. This information can be obtained from the firm that installed the pump.

Section 3 - Pump Test

Section 3 contains three blocks for providing information on the results of the pumping test that is required to be performed on the well and pump. In the block labeled **Pump Test Data**, fill in the following information:

- The date the well was tested.
- The static water level in the well. This is the water level in the well immediately prior to the pumping test, as measured in feet below the land surface.
- The pumping water level. This is the water level in the well immediately after the pump was operated for at least four hours, as measured in feet below the land surface.
- Drawdown. This is the difference between the pumping water level and the static water level.
- The pumping rate during the test, as measured in gallons per minute.
- The duration of the pumping test, which must be at least four hours of continuous operation.
- The total pumping lift, if known, as measured in feet.
- If the well is a flowing or artesian well, the shut-in pressure head in feet or pounds per square inch.

In the block labeled **Method of Discharge Measurement**, check the appropriate box indicating how the discharge was measured during the pumping test. If the method of measurement is not listed, check "Other" and provide a brief description of the method.

In the block labeled **Method of Measuring Water Level**, check the appropriate box indicating the method by which the water levels were measured during the pumping test. If the method used is not listed, check "Other" and provide a brief description of the method.

Signature Block

The form must be signed and dated by the well owner.

Where to File Form

Completed forms may be mailed to ADWR at the following address:

Arizona Department of Water Resources
Groundwater Permitting and Wells
PO Box 36020
Phoenix, AZ 85067-36020

Completed forms may also be submitted to ADWR's main office in Phoenix at 3550 North Central Avenue, Second Floor Phoenix, Az. 85012.

The completed form must be legible and of good quality when received by ADWR so that it can be scanned into ADWR's permanent records.

ARIZONA DEPARTMENT of WATER RESOURCES
3550 North Central Avenue, Second Floor
Engineering and Permits Division
Phoenix, AZ 85012
602-771-8500

NOTICE TO WELL DRILLERS

This is a reminder that a valid drill card be present for the drilling of each and every well constructed on a site.* The problem seems to occur during the construction of a well when an unexpected problem occurs. Either the hole collapses, the hole is dry, a drill bit is lost and can't be recovered, or any number of other situations where the driller feels that he needs to move over and start another well. If you encounter this type of scenario, please be aware drillers do not have the authority to start another well without first obtaining drilling authority for the new well. Please note the following statutes and regulations pertaining to well drilling and construction:

ARIZONA REVISED STATUTE (A.R.S.)

A.R.S. § 45-592.A.

A person may construct, replace or deepen a well in this state only pursuant to this article and section 45-834.01. The drilling of a well may not begin until all requirements of this article and section 45-834.01, as applicable, are met.

A.R.S. § 594.A.

The director shall adopt rules establishing construction standards for new wells and replacement wells, the deepening and abandonment of existing wells and the capping of open wells.

A.R.S. § 600.A

A well driller shall maintain a complete and accurate log of each well drilled.

ARIZONA ADMINISTRATIVE CODE (A.A.C.)

A.A.C. R12-15-803.A.

A person shall not drill or abandon a well, or cause a well to be drilled or abandoned, in a manner which is not in compliance with A.R.S. Title 45, Chapter 2, Article 10, and the rules adopted thereunder.

A.A.C. R12-15-810.A.

A well drilling contractor or single well licensee may commence drilling a well only if the well drilling contractor or licensee has possession of a drilling card at the well site issued by the Director in the name of the well drilling contractor or licensee, authorizing the drilling of the specific well in the specific location.

A.A.C. R12-15-816.F.

In the course of drilling a new well, the well may be abandoned without first filing a notice of intent to abandon and without an abandonment card.

*** THIS REQUIREMENT DOES NOT PERTAIN TO THE DRILLING OF MINERAL EXPLORATION, GEOTECHNICAL OR HEAT PUMP BOREHOLES**



Arizona Department of Water Resources
 Groundwater Permitting and Wells Section
 PO Box 36020 , Phoenix, AZ 85067-36020
 (602) 771-8527 ▪ 1-800-352-8488
www.azwater.gov

**Landowner Authorization to Drill or
 Abandon a Well on Landowner's Parcel**

**Landowner Authorization to Drill or Abandon a Well by a Third Party on
 Landowner's Parcel Pursuant to A.R.S. § 45-596 and A.A.C. R12-15-809**

| |
|---|
| FILE NUMBER B(20-15) 28 BBC |
| WELL REGISTRATION NUMBER 55 - 919509 |

The Arizona Department of Water Resources requires a well driller or well owner to obtain written permission from the owner of the land on which they intend to drill or abandon a well. Landowners, or their designated representative, must authorize the well to be drilled or abandoned with their signature on the Notice of Intent or on this form, to be attached to the Notice of Intent form.

PARCEL ADDRESS _____

COUNTY PARCEL ID 204 - 37 - 008A COUNTY MOHAVE
 BOOK MAP PARCEL

In accordance with A.R.S. § 45-496 and A.A.C. R12-15-809, I certify that:

- .. I am the owner of the parcel on which I am giving permission for a well to be .. drilled or .. abandoned.
- .. I am an authorized representative of the owner of the parcel on which I am giving permission for a well to be .. drilled or .. abandoned.

SIGNATURE

| | |
|--|-------------|
| TYPE OR PRINT NAME OF LANDOWNER / REPRESENTATIVE | TITLE |
| SIGNATURE | DATE SIGNED |