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

FILE NUMBER: B(17-22) 15 CCA
WELL REGISTRATION NUMBER: 55 - 919508
PERMIT NUMBER (IF ISSUED):

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

PLEASE PRINT CLEARLY USING BLACK OR BLUE INK

SECTION 1. DRILLING AUTHORIZATION

Drilling Firm

Mail To:

NAME	DWR LICENSE NUMBER
KAUFMAN CORP DBA BROWN DRILLING	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

FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL: LORD, CHARLES AND KAREN

MAILING ADDRESS: 1254 EDIKE ROAD

CITY / STATE / ZIP: MOHAVE VALLEY, AZ, 86440

CONTACT PERSON NAME AND TITLE: ED

TELEPHONE NUMBER: 928 768-3187

FAX:

WELL NAME (e.g., MW-1, PZ-3, lot 25 Well, Smith Well, etc.): "LORD WELL"

RECEIVED MAY 26 2016 ARIZONA DEPARTMENT OF WATER RESOURCES

Location of Well

WELL LOCATION ADDRESS (IF ANY): 1254 E. DIKE RD. MOHAVE VALLEY

TOWNSHIP (N/S)	RANGE (E/W)	SECTION	160 ACRE	40 ACRE	10 ACRE
17N	22W	15	SW 1/4	SW 1/4	NE 1/4

LATITUDE			LONGITUDE		
34°	51'	14.7"N	114°	36'	37.0"W

METHOD OF LATITUDE/LONGITUDE (CHECK ONE): ☐ USGS Quad Map ☐ Conventional Survey ☒ *GPS: Hand-Held ☐ *GPS: Survey-Grade

LAND SURFACE ELEVATION AT WELL: 482' Feet Above Sea Level

METHOD OF ELEVATION (CHECK ONE): ☐ USGS Quad Map ☐ Conventional Survey ☒ *GPS: Hand-Held ☐ *GPS: Survey-Grade

*IF GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE): ☐ NAD-83 ☒ Other (please specify) WGS-84

COUNTY: MOHAVE

ASSESSOR'S PARCEL ID NUMBER (MOST RECENT): BOOK 224 | MAP 29 | PARCEL 027J

SECTION 3. WELL CONSTRUCTION DETAILS

Drilling Method (CHECK ONE)
- ☒ Air Rotary
- ☐ Bored or Augered
- ☐ Cable Tool
- ☐ Dual Rotary
- ☐ Mud Rotary
- ☐ Reverse Circulation
- ☐ Driven
- ☐ Jetted
- ☐ Air Percussion / Odex Tubing
- ☐ Other (please specify)

Method of Well Development (CHECK ONE)
- ☒ Airlift
- ☐ Bail
- ☐ Surge Block
- ☐ Surge Pump
- ☐ Other (please specify)

Condition of Well (CHECK ONE)
- ☒ Capped
- ☐ Pump Installed

Method of Sealing at Reduction Points (CHECK ONE)
- ☐ None
- ☐ Packed
- ☐ Swedged
- ☒ Welded
- ☐ Other (please specify)

Construction Dates

DATE WELL CONSTRUCTION STARTED: 5-19-16

DATE WELL CONSTRUCTION COMPLETED: 5-19-16

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.D.K

DATE: 5/23/16

Well Driller Report and Well Log

WELL REGISTRATION NUMBER
55 - 919508

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

Depth

DEPTH OF BORING	DEPTH OF COMPLETED WELL
60' Feet Below Land Surface	60' Feet Below Land Surface

Water Level Information

STATIC WATER LEVEL	DATE MEASURED	TIME MEASURED	IF FLOWING WELL, METHOD OF FLOW REGULATION
30' Feet Below Land Surface	5-19-16		☐ Valve ☐ Other:

Borehole

DEPTH FROM SURFACE FROM (feet)	DEPTH FROM SURFACE TO (feet)	BOREHOLE DIAMETER (inches)
0	40	12 1/4
40	60	7 7/8

Installed Casing

DEPTH FROM SURFACE FROM (feet)	DEPTH FROM SURFACE TO (feet)	OUTER (inches)	MATERIAL TYPE (T): STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	PERFORATION TYPE (T): BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE	SLOTTED	IF OTHER TYPE, DESCRIBE	SLOT SIZE (inches)
0	40	8 5/8	T				T						
0	50	6 5/8	T				T						
50	60	6 5/8	T								T		1/8x6
0	50	5		T			T						
50	60	5		T							T		1/8x6

Installed Annular Material

DEPTH FROM SURFACE FROM (feet)	DEPTH FROM SURFACE TO (feet)	ANNULAR MATERIAL TYPE (T): NONE	CONCRETE	NEAT CEMENT OR CEMENT GROUT	CEMENT-BENTONITE GROUT	BENTONITE: GROUT	CHIPS	PELLETS	IF OTHER TYPE OF ANNULAR MATERIAL, DESCRIBE	FILTER PACK: SAND	GRAVEL	SIZE
0	40			T								

Well Driller Report and Well Log

WELL REGISTRATION NUMBER
55 - 919508

SECTION 5. GEOLOGIC LOG OF WELL

DEPTH FROM SURFACE FROM (feet)	TO (feet)	**Description** Describe material, grain size, color, etc.	Check (T) every interval where water was encountered (if known)
0	11	PACKED SILT	
11	40	BLOW SAND	T
40	50	SAND & GRAVEL - 1"	T
50	60	RIVER ROCKS - 6"	T
		H20 @ 30' to 60'	
		50 to 100 GPM	

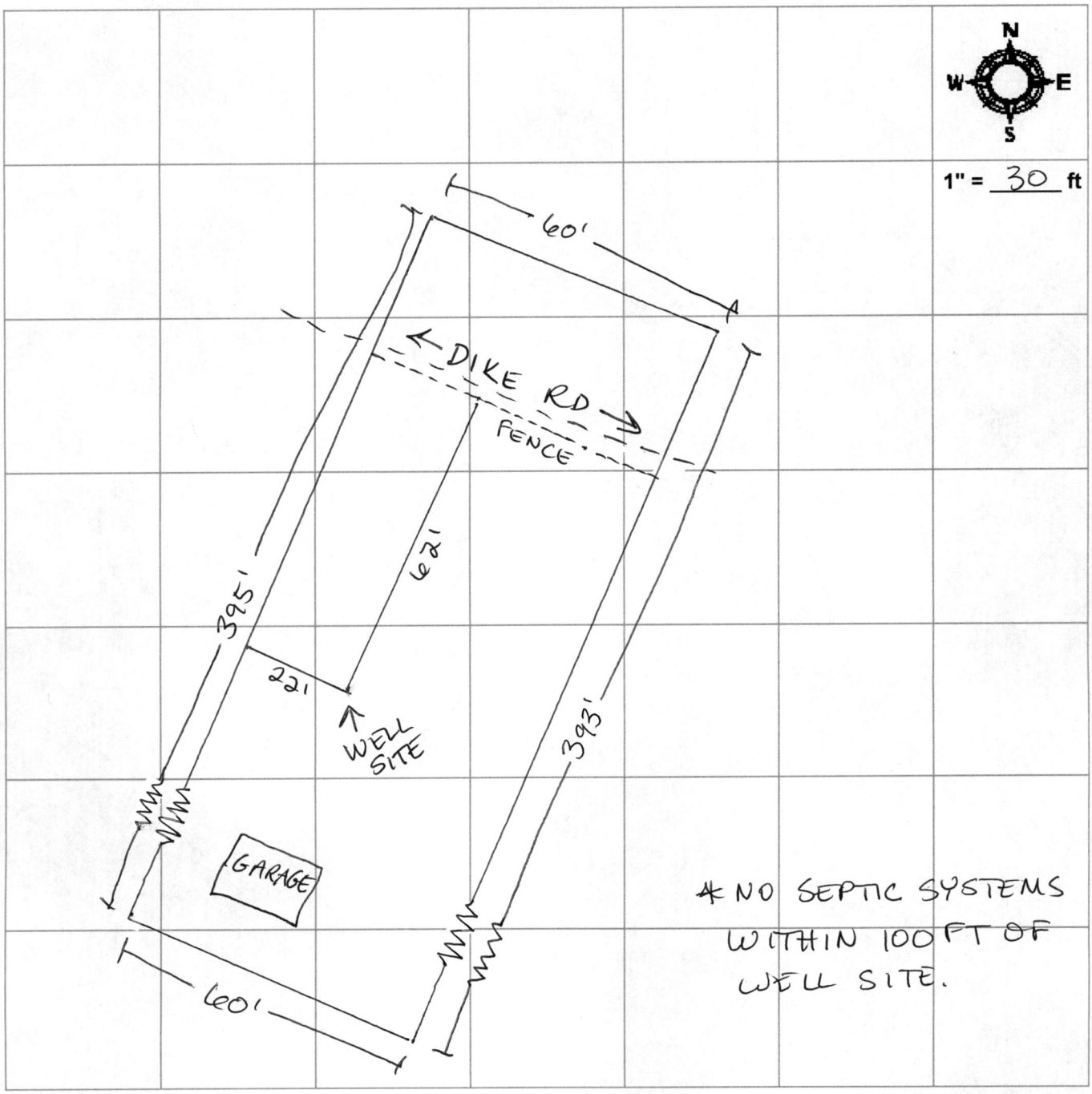
Well Driller Report and Well Log

WELL REGISTRATION NUMBER
55 - 919508

SECTION 6. WELL SITE PLAN

NAME OF WELL OWNER	COUNTY ASSESSOR'S PARCEL ID NUMBER (MOST RECENT)		
	BOOK	MAP	PARCEL
LORD, CHARLES AND KAREN	224	29	027J

- 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.



EQN01-2016-00011

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 •

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

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

$150 or $100 FEE

- 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.

TO BE COMPLETED BY ADWR			FILE NUMBER
AMA/INA	B	SB	B(17-22)15 CCA
RECEIVED DATE	WS		WELL REGISTRATION NUMBER
ISSUED DATE	WQARF	CERCLA	55- 919508
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

REVIEWED FOR CODE COMPLIANCE
MAY 13 2016
MOHAVE COUNTY

COUNTY OR LOCAL AUTHORITY NAME AND TITLE: Heidi Koehly, Inspector

TELEPHONE NUMBER: (928) 758-0707

DATE: 5/13/16

COUNTY OR LOCAL AUTHORITY SIGNATURE: Heidi Koehly

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

CHECK ONE

☒ Exempt (Pump has a maximum capacity of not more than 35 gpm and water is not used for irrigation purposes inside an AMA.) *(See instructions)*

☐ Non-Exempt (Pump has a maximum capacity of more than 35 gpm and the well is located outside an AMA.) *(See instructions)*

DESIGN PUMP CAPACITY: 5 Gallons Per Minute

Proposed Action

CHECK ONE

☒ Drill New Well
☐ Deepen
☐ Replace
☐ Modify

If Deepening, Replacing or Modifying:

ORIGINAL WELL REGISTRATION NUMBER: 55 -

MAXIMUM CAPACITY OF ORIGINAL WELL: Gallons Per Minute

DISTANCE & DIRECTION FROM ORIGINAL WELL: Feet

RECEIVED MAY 26 2016 ARIZONA DEPARTMENT OF WATER RESOURCES

Location of Well

WELL LOCATION ADDRESS (IF ANY): 1254 E Dike Rd

COUNTY WHERE WELL IS LOCATED: MOHAVE

TOWNSHIP (N/S)	RANGE (E/W)	SECTION	160 ACRE	40 ACRE	10 ACRE
17 N	22 W	15	SW ¼	SW ¼	NE ¼

COUNTY ASSESSOR'S PARCEL ID NUMBER

BOOK	MAP	PARCEL	# OF ACRES
224	29	027J	0.62

EXPECTED LATITUDE			EXPECTED LONGITUDE		
34 ° Degrees	51 ' Minutes	14.7 " N Seconds	114 ° Degrees	36 ' Minutes	37.0 " W 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 ☒ No ☐

TOWNSHIP (N/S)	RANGE (E/W)	SECTION	160 ACRE	40 ACRE	10 ACRE
17 N	22W	15	SW ¼	SW ¼	NE ¼

SECTION 3. OWNER INFORMATION

Land Owner	Well Owner *(check this box if Land Owner and Well Owner are same ☐)*
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL: CHARLES & KAREN LORD	FULL NAME OF COMPANY, GOVERNMENT AGENCY, OR INDIVIDUAL: SAME
MAILING ADDRESS: 1254 DIKE RD	MAILING ADDRESS:
CITY / STATE / ZIP CODE: MOHAVE VALLEY, AZ 86440	CITY / STATE / ZIP CODE:
CONTACT PERSON NAME AND TITLE: ED	CONTACT PERSON NAME AND TITLE:
TELEPHONE NUMBER: 928-768-3187 / FAX:	TELEPHONE NUMBER: / FAX:

WELL REGISTRATION NUMBER
55 -919508

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?	☐	☒	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.)*?	☐	☒	*(please state)*
3. Is the proposed well a NEW well to be located within an Active Management Area? *(See instructions)*	☐	☒	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?	☐	☒	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

Drilling Firm

NAME: BROWN DRILLING

DWR LICENSE NUMBER: 400

ROC LICENSE NUMBER: 230768, 234062

TELEPHONE NUMBER: 928-757-1920

FAX: 928-681-4549

MAILING ADDRESS: 3375 N BANK ST

CITY / STATE / ZIP CODE: KINGMAN, AZ 86409

DRILLERS EMAIL: INFO@BROWNDRILLING.COM

DATE CONSTRUCTION IS SCHEDULED TO BEGIN: "UPON APPROVAL"

SECTION 6. WATER / SITE INFORMATION

Principal Use of Water (CHECK ONE)	Other Uses of Water (CHECK ALL THAT APPLY)
☐ Irrigation*	☐ Irrigation
☐ Commercial	☐ Commercial
☒ Domestic	☐ Domestic
☐ Municipal	☐ Municipal
☐ Industrial	☐ Industrial
☐ Stock	☐ Stock
☐ Remediation	☐ Remediation
☐ Dewatering	☐ Dewatering
☐ Other *(please specify)*:	☐ 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	12 1/4	0	20	8 5/8	X*										CEMENT
20	100	7 7/8	0	80	6 5/8	●	○	○		●	○	○	○	○		
			80	100	6 5/8	●	○	○		○	○	○	○	●		
						○	○	○		○	○	○	○	○		
						○	○	○		○	○	○	○	○		
						○	○	○		○	○	○	○	○		
						○	○	○		○	○	○	○	○		
						○	○	○		○	○	○	○	○		

** 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

WELL REGISTRATION NUMBER
55 - 919508

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

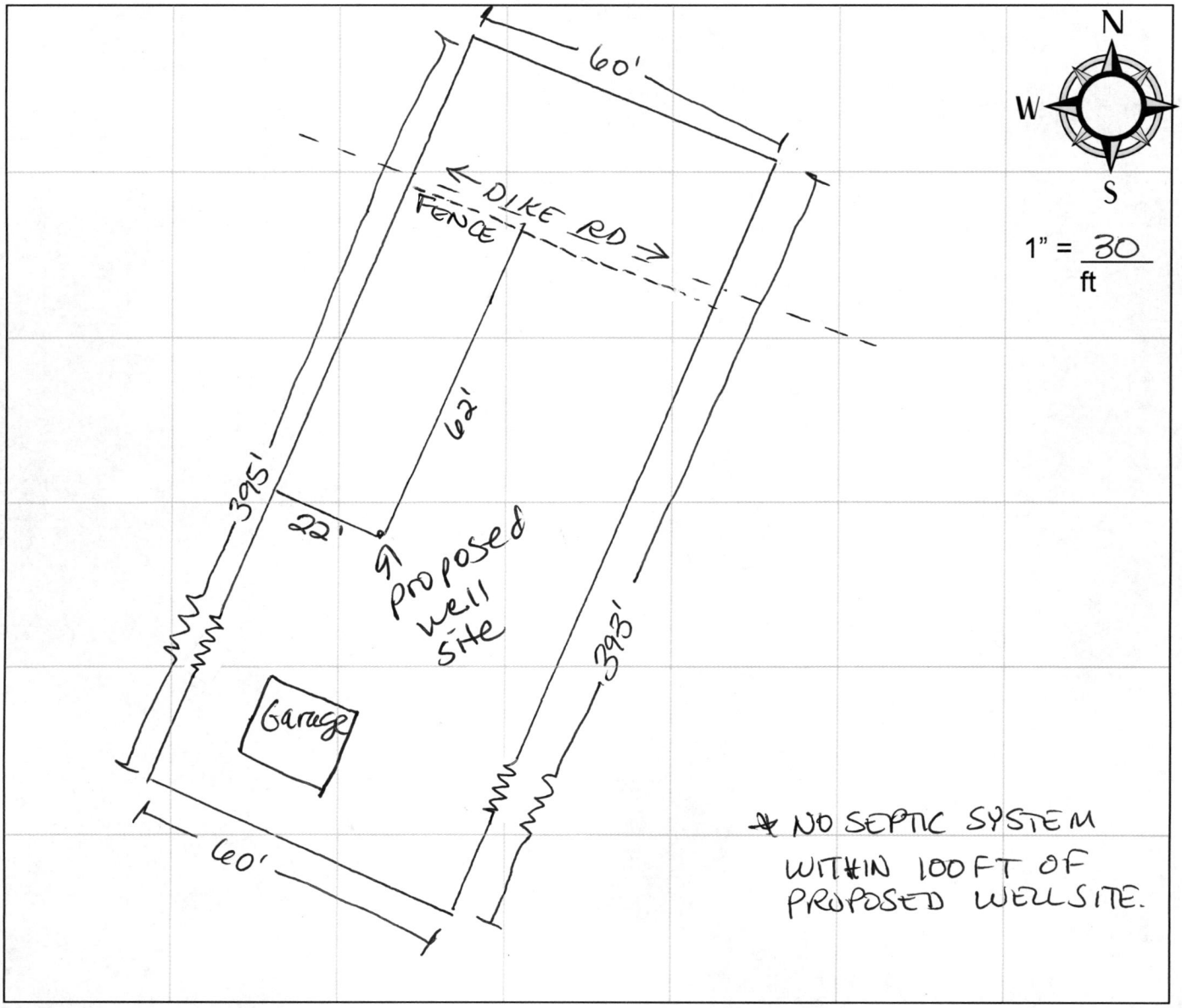
- If this well will be a domestic well on 5 acres or less, please draw the following: (1) the boundaries of your property; (2) the proposed well location; (3) the locations of all septic tank systems and sewer systems on the property or within 100 feet of the well location, even if on neighboring properties; 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
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.	1004576652

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 Karen M Lord	PRINT NAME AND TITLE Charles Edward Lord
SIGNATURE OF LAND OWNER Karen M Lord	SIGNATURE OF WELL OWNER CHARLES EDWARD LORD
DATE 5-9-16	DATE 5-9-16
☐ By checking this box, you agree to allow ADWR to contact you via electronic mail.	☐ By checking this box, you agree to allow ADWR to contact you via electronic mail.
EMAIL ADDRESS	EMAIL ADDRESS



Assessor Parcel Search

Parcel Number: 224-29-027J

Owner: LORD CHARLES E & KAREN M TRUSTEES

Ownership Type:

Mailing Address: 1254 DIKE RD MOHAVE VALLEY, AZ 86440

Site Address: 1254 E DIKE RD , MOHAVE VALLEY 000000000

	Previous Year	Current Year	Future Year
Tax Year	2015	2016	2017
Tax Area	1611	1611	1611
Land Value	$241,320	$252,670	$275,173
Improvement Value	$451,629	$632,424	$809,322
Full Cash Value	$692,949	$885,094	$1,084,495
Assessed Full Cash Value	$69,295	$88,509	$108,449
Limited Valued	$642,955	$675,102	$708,857
Assessed Limited Value	$64,296	$67,510	$70,886
Value Method	Cost	Cost	Cost
Exempt Amount	$0	$0	$0
Exempt Type			
Assessor Use Code	0144-SFR-010-4 RUR NONSUBDIV	0144-SFR-010-4 RUR NONSUBDIV	0144-SFR-010-4 RUR NONSUBDIV
Assessment Ratio	10.0	10.0	10.0

Parcel Size	0.62 acre
Township	17N
Range	22W
Section	15
Assessor Description	T17N R22W SEC 15 BERMUDA PLANTATIONS LOT 36 S2 & ACCRETION LAND DESC AS FOLL: BEG AT SLY COMMON PROP COR BTWN LOTS 36 & 37 OF SD BERMUDA PLANTATIONS; TH S30DEG 00'00"W (R) S30 DEG 08'08"W (M) 32.55' TO MEAN HIGH WATER LN OF THE COLORADO RIVER ; TH N57 DEG 17'50"W ALNG SD MEAN HIGH WATER LN 60.33' TO EXTENDED PROP LN OF LTS 35 & 36; TH N30 DEG 00'00"E (R) S63 DEG 24'14"E (M) ALNG SLY PROP LN OF SD LOT 36 A DIST OF 60.12' (R) 60.39' (M) TO SAD SLY COMMON PROP COR BTWN LTS 36 & 37 & BEING POB AS SHOWN ON RS 39/65 11/23/2009 2009-071362 AND ADDITIONAL ACCRETION LAND ADJACNET TO THE RECORDED ACCRETION LAND ADJACENT TO THE S1/2 OF LT 36 BERMUDA PLANTATIONS DESC AS FOLL: COMM AT THE SLY COMMON PROP COR BTWN LT 35 AND S1/2 OF LOT 36 OF SD BERMUDA PLANTATIONS; TH S30D06'35"W (RECORDED S30D35'53"W) ALNG THE WLY PROP LN OF SD RECORDED ADJACENT ACCRETION LAND RECORDED IN FEE #200906959 (11/13/2009) A DIST OF 26.12' TO THE SWLY COR OF SD RECORDED ADJACENT ACCRETION LAND AND THE POB; TH CONTINUING S30D06'35"W 30.88' TO THE NEW MEAN HIGH WATER LN OF THE COLORADO RIVER; TH S63D27'57"E ALNG SD MEAN HIGH WATER LN OF THE COROADO RIVER 60.17' TO THE EXTENDED COMMON PROP LN BTWN THE S1/2 LT 36 AND S1/2 OF LT 37 OF SD BERMUDA PLANTATIONS AND BEING THE EXTENDED ELY LN OF SD RECORDED ACCRETION LAND ADJACENT TO THE S1/2 OF LT 36; TH N30D05'50"E ALNG SD EXTENDED COMMON PROP LN BTWN SD S1/2 OF LT 36 AND SD S1/2 OF LT 37 AND BEING THE EXTENDED ELY LN OF SD RECORDED ACCRETION LAND ADJACENT TO THE SD S1/2 OF LT 36 RECORDED IN FEE #200906959 (10/26/2010) A DIST OF 24.55' TO THE SLY PROP COR OF SD RECORDED ACCRETION LAND ADJACENT TO THE S1/2 OF LOT 36 RECORDED IN FEE #200906959 (10/26/2010); TH N57D20'05"W (M) N57D17'20"W (R) ALNG THE SLY PROP LN OF SD RECORDED ACCRETION LAND ADJACENT TO THE S1/2 OF LT 36 RECORDED IN FEE #200906959 (10/26/2010) A DIST OF 60.10' (M) 60.33' (R) TO SD SWLY PROP COR OF RECORDED ACCRETION LAND ADJACENT SD S1/2 OF LT 36 RECORDED IN FEE #200906959 (10/26/2010) AND BEIN G THE POB. CONT 27,219.14 SQ FT OR 0.63 ACRES 224-29-027H & ACCRETION LAND (224-29-027J) 2013 TAX ROLL

Jonathan
kautman

7/19/16

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 shoud file this report with the Department within 30 days following installation of pump equipment.

** PLEASE PRINT CLEARLY **

RECEIVED
JUN 27 2016
ARIZONA DEPARTMENT WATER RESOURCES

FILE NUMBER: B(17-22) 15 CCA
WELL REGISTRATION NUMBER: 55 - 919508

SECTION 1. REGISTRY INFORMATION

Well Owner

FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL: LORD, CHARLES AND KAREN

MAILING ADDRESS: 1254 EDIKE ROAD

CITY / STATE / ZIP: MOHAVE VALLEY, AZ. 86440

CONTACT PERSON NAME AND TITLE:

TELEPHONE NUMBER: 928 768-3187

FAX:

Location of Well

WELL LOCATION ADDRESS (IF ANY): SAME

TOWNSHIP (N/S)	RANGE (E/W)	SECTION	160 ACRE	40 ACRE	10 ACRE
			1/4	1/4	1/4

COUNTY ASSESSOR'S PARCEL ID NUMBER (MOST RECENT)

BOOK	MAP	PARCEL
224	29	027J

COUNTY WHERE WELL IS LOCATED:

SECTION 2. EQUIPMENT INSTALLED

DATE PUMP INSTALLED:

Pump Type

CHECK ONE

- ☐ Air Lift
- ☐ Bucket
- ☐ Centrifugal
- ☐ Jet
- ☐ Piston
- ☐ Rotary
- ☒ Submersible
- ☐ Turbine
- ☐ Other *(Please Specify)*:

RATED PUMP CAPACITY: 20 Gallons Per Minute

Pitless Adaptor

CHECK ONE *(SEE INSTRUCTIONS FOR DEFINITION)*

Was a pitless adaptor installed? ☐ Yes ☒ No

IF YES, DEPTH BELOW GROUND LEVEL THE DEVICE WAS INSTALLED: Feet

Power Type

CHECK ONE

- ☐ Diesel Engine
- ☒ Electric Motor
- ☐ Gasoline Engine
- ☐ Hand
- ☐ Natural Gas
- ☐ Windmill
- ☐ Other *(Please Specify)*:

HORSE POWER RATING OF MOTOR: 1

SECTION 3. PUMP TEST

Pump Test Data

DATE WELL TESTED:

STATIC WATER LEVEL (A): Feet Below Land Surface

PUMPING WATER LEVEL (B): Feet Below Land Surface

DRAWDOWN [(B) - (A)]: Feet Below Land Surface

TEST PUMPING RATE: Gallons Per Minute

DURATION OF PUMP TEST (Minimum 4 Hours): Hours

TOTAL PUMPING LIFT: Feet

FOR FLOWING WELL, MEASURED SHUT IN HEAD: ☐ FT ☐ PSI

Method of Discharge Measurement

CHECK ONE

- ☐ Bailer
- ☐ Bucket - Barrel - Stopwatch
- ☐ Current
- ☐ Estimated - Air Lift
- ☐ Gauge
- ☐ Meter
- ☐ Orifice
- ☐ Volume
- ☐ Weir - Flume
- ☐ Other *(Please Specify)*:

Method of Measuring Water Level

CHECK ONE

- ☐ Air Line
- ☐ Electric Measuring Line (Sounder)
- ☐ Steel Tape
- ☐ 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: [signature]

DATE:

7/19/16

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

RECEIVED JUN 27 2016 OF WATER RESOURCES

FILE NUMBER	B(17-22) 15 CCA
WELL REGISTRATION NUMBER	55 - 919508
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

FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL: LORD, CHARLES AND KAREN

MAILING ADDRESS: 1254 EDIKE ROAD

CITY / STATE / ZIP: MOHAVE VALLEY, AZ, 86440

CONTACT PERSON NAME AND TITLE: ED

TELEPHONE NUMBER: 928 768-3187

FAX:

WELL NAME (e.g., MW-1, PZ-3, lot 25 Well, Smith Well, etc.): "LORD WELL"

Location of Well

WELL LOCATION ADDRESS (IF ANY): 1254 E. DIKE RD. MOHAVE VALLEY

TOWNSHIP (N/S)	RANGE (E/W)	SECTION	160 ACRE	40 ACRE	10 ACRE
17N	22W	15	SW 1/4	SW 1/4	NE 1/4

LATITUDE			LONGITUDE		
34°	51'	14.7"N	114°	36'	37.0"W

METHOD OF LATITUDE/LONGITUDE (CHECK ONE): ☐ USGS Quad Map ☐ Conventional Survey ☒ *GPS: Hand-Held ☐ *GPS: Survey-Grade

LAND SURFACE ELEVATION AT WELL: 482' Feet Above Sea Level

METHOD OF ELEVATION (CHECK ONE): ☐ USGS Quad Map ☐ Conventional Survey ☒ *GPS: Hand-Held ☐ *GPS: Survey-Grade

*IF GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE): ☐ NAD-83 ☒ Other (please specify) WGS-84

COUNTY: MOHAVE

ASSESSOR'S PARCEL ID NUMBER (MOST RECENT): BOOK 224 | MAP 29 | PARCEL 027J

SECTION 3 WELL CONSTRUCTION DETAILS

Drilling Method (CHECK ONE)

- ☒ Air Rotary
- ☐ Bored or Augered
- ☐ Cable Tool
- ☐ Dual Rotary
- ☐ Mud Rotary
- ☐ Reverse Circulation
- ☐ Driven
- ☐ Jetted
- ☐ Air Percussion / Odex Tubing
- ☐ Other (please specify)

Method of Well Development (CHECK ONE)

- ☒ Airlift
- ☐ Bail
- ☐ Surge Block
- ☐ Surge Pump
- ☐ Other (please specify)

Condition of Well (CHECK ONE)

- ☒ Capped
- ☐ Pump Installed

Method of Sealing at Reduction Points (CHECK ONE)

- ☐ None
- ☐ Packed
- ☐ Swedged
- ☒ Welded
- ☐ Other (please specify)

Construction Dates

DATE WELL CONSTRUCTION STARTED: 5-19-16

DATE WELL CONSTRUCTION COMPLETED: 5-19-16

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: D.K

DATE: 5/23/16

Well Driller Report and Well Log

WELL REGISTRATION NUMBER
55 - 919508

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

Depth

DEPTH OF BORING	DEPTH OF COMPLETED WELL
60' Feet Below Land Surface	60' Feet Below Land Surface

Water Level Information

STATIC WATER LEVEL	DATE MEASURED	TIME MEASURED	IF FLOWING WELL, METHOD OF FLOW REGULATION
30' Feet Below Land Surface	5-19-16		☐ Valve ☐ Other:

Borehole / Installed Casing

Borehole: DEPTH FROM SURFACE FROM (feet)	Borehole: DEPTH FROM SURFACE TO (feet)	Borehole: BOREHOLE DIAMETER (inches)	Installed Casing: DEPTH FROM SURFACE FROM (feet)	Installed Casing: DEPTH FROM SURFACE TO (feet)	Installed Casing: OUTER (inches)	MATERIAL TYPE (T): STEEL	MATERIAL TYPE (T): PVC	MATERIAL TYPE (T): ABS	MATERIAL TYPE (T): IF OTHER TYPE, DESCRIBE	PERFORATION TYPE (T): BLANK OR NONE	PERFORATION TYPE (T): WIRE WRAP	PERFORATION TYPE (T): SHUTTER SCREEN	PERFORATION TYPE (T): MILLS KNIFE	PERFORATION TYPE (T): SLOTTED	PERFORATION TYPE (T): IF OTHER TYPE, DESCRIBE	SLOT SIZE (inches)
0	40	12 1/4	0	40	8 5/8	T				T						
40	60	7 7/8	0	50	6 5/8	T				T						
			50	60	6 5/8	T								T		1/8x6
			0	50	5		T			T						
			50	60	5		T							T		1/8x6

Installed Annular Material

DEPTH FROM SURFACE FROM (feet)	DEPTH FROM SURFACE TO (feet)	ANNULAR MATERIAL TYPE (T): NONE	CONCRETE	NEAT CEMENT OR CEMENT GROUT	CEMENT-BENTONITE GROUT	BENTONITE: GROUT	BENTONITE: CHIPS	BENTONITE: PELLETS	IF OTHER TYPE OF ANNULAR MATERIAL, DESCRIBE	FILTER PACK: SAND	FILTER PACK: GRAVEL	FILTER PACK: SIZE
0	40			T								

Well Driller Report and Well Log

WELL REGISTRATION NUMBER
55 - 919508

SECTION 5. GEOLOGIC LOG OF WELL

DEPTH FROM SURFACE FROM (feet)	TO (feet)	**Description** Describe material, grain size, color, etc.	Check (T) every interval where water was encountered (if known)
0	11	PACKED SILT	
11	40	BLOW SAND	T
40	50	SAND & GRAVEL - 1"	T
50	60	RIVER ROCKS - 6"	T
		H20 @ 30' to 60'	
		50 to 100 GPM	

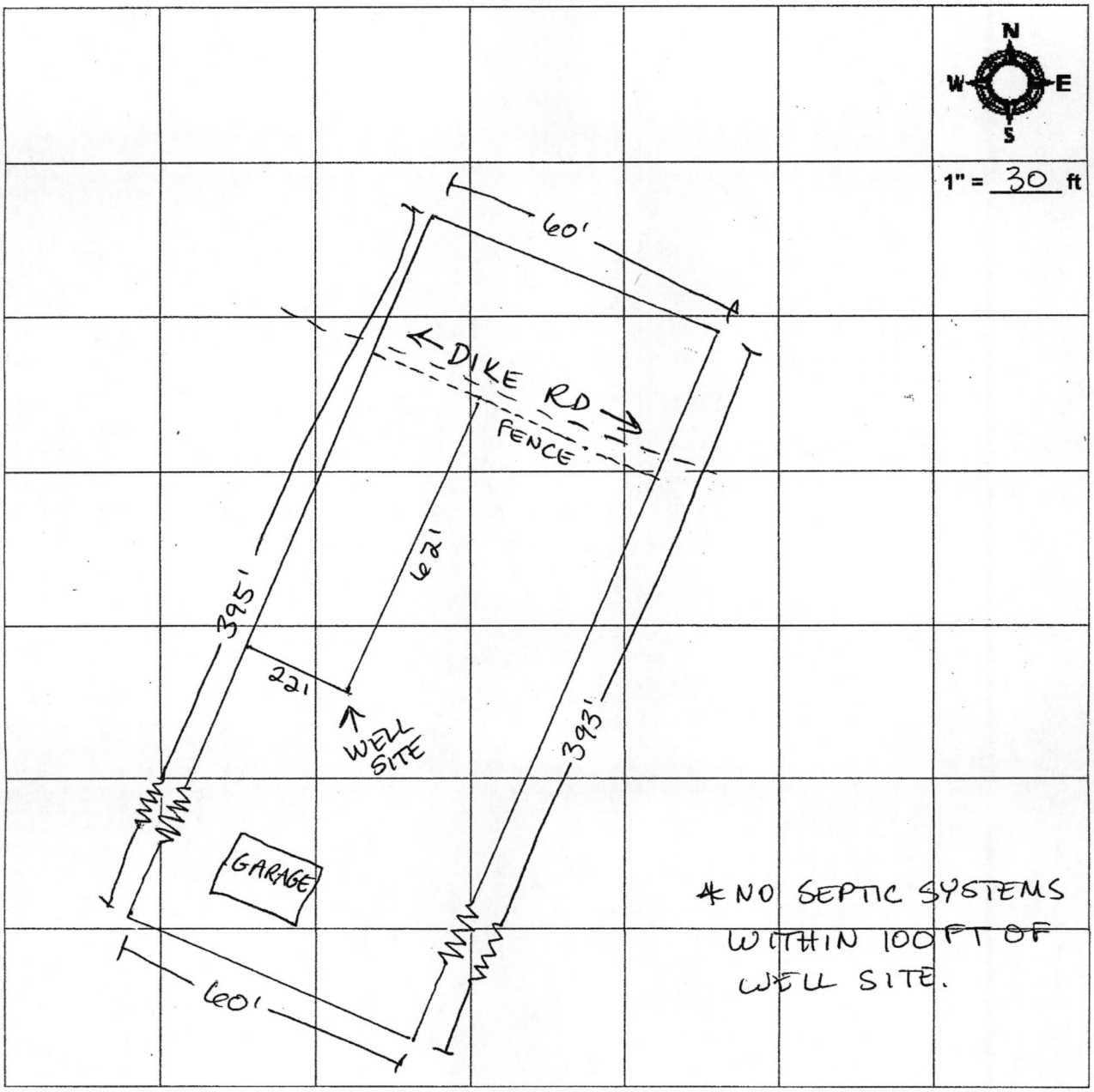
Well Driller Report and Well Log

WELL REGISTRATION NUMBER
55 - 919508

SECTION 6. WELL SITE PLAN

NAME OF WELL OWNER	COUNTY ASSESSOR'S PARCEL ID NUMBER (MOST RECENT)		
	BOOK	MAP	PARCEL
LORD, CHARLES AND KAREN	224	29	027J

- 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.



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: **55-919508**

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: **LORD, CHARLES AND KAREN**

ADDRESS: **1254 EDIKE ROAD, MOHAVE VALLEY, AZ, 86440**

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

NE 1/4 of the **SW** 1/4 of the **SW** 1/4 Section **15** Township **17 N** Range **22 W**

NO. OF WELLS IN THIS PROJECT: **1** ASSESSOR'S PARCEL NO: **224-29-027J**

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 addres above to correct.

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

Certification(s) Made By Driller:

- þ 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.
- þ 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.
- þ 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.
- þ 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.
- þ 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.
- þ 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.

þ	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.
þ	By checking this box, I certify that this NOI application is not an application to replace, deepen, or modify an existing well.
þ	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.
þ	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: -5490

Well Registration Number: 55 - 919508
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: LORD, CHARLES AND KAREN
Well Owner Address: 1254 EDIKE ROAD
Well Owner City, State - Zip: MOHAVE VALLEY, AZ - 86440
Well Owner Phone: 928 768-3187

Book: 224 Map:29 Parcel: 027J

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

Well Location: **NE** 1/4 of the **SW** 1/4 of the **SW** 1/4 Section **15** Township **17 N** Range **22 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: **1004576652**

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 l Phoenix, Arizona 85067-36020
(602) 771-8527 l 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(17-22) 15 CCA

WELL REGISTRATION NUMBER
55 - 919508

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

FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL: LORD, CHARLES AND KAREN

MAILING ADDRESS: 1254 EDIKE ROAD

CITY / STATE / ZIP: MOHAVE VALLEY, AZ, 86440

CONTACT PERSON NAME AND TITLE:

TELEPHONE NUMBER: 928 768-3187

FAX:

WELL NAME (e.g., MW-1, PZ-3, lot 25 Well, Smith Well, etc.):

Location of Well

WELL LOCATION ADDRESS (IF ANY):

TOWNSHIP (N/S)	RANGE (E/W)	SECTION	160 ACRE	40 ACRE	10 ACRE
			1/4	1/4	1/4

LATITUDE			LONGITUDE		
°	'	"N	°	'	"W

METHOD OF LATITUDE/LONGITUDE (CHECK ONE)
☐ USGS Quad Map ☐ Conventional Survey ☐ *GPS: Hand-Held ☐ *GPS: Survey-Grade

LAND SURFACE ELEVATION AT WELL: Feet Above Sea Level

METHOD OF ELEVATION (CHECK ONE)
☐ USGS Quad Map ☐ Conventional Survey ☐ *GPS: Hand-Held ☐ *GPS: Survey-Grade

*IF GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE)
☐ NAD-83 ☐ Other (please specify)

COUNTY:

ASSESSOR'S PARCEL ID NUMBER (MOST RECENT)

BOOK	MAP	PARCEL
224	29	027J

SECTION 3. WELL CONSTRUCTION DETAILS

Drilling Method

CHECK ONE
- ☐ Air Rotary
- ☐ Bored or Augered
- ☐ Cable Tool
- ☐ Dual Rotary
- ☐ Mud Rotary
- ☐ Reverse Circulation
- ☐ Driven
- ☐ Jetted
- ☐ Air Percussion / Odex Tubing
- ☐ Other (please specify)

Method of Well Development

CHECK ONE
- ☐ Airlift
- ☐ Bail
- ☐ Surge Block
- ☐ Surge Pump
- ☐ Other (please specify)

Method of Sealing at Reduction Points

CHECK ONE
- ☐ None
- ☐ Packed
- ☐ Swedged
- ☐ Welded
- ☐ Other (please specify)

Condition of Well

CHECK ONE
- ☐ Capped
- ☐ Pump Installed

Construction Dates

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

WELL REGISTRATION NUMBER
55 - 919508

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

Depth

DEPTH OF BORING (Feet Below Land Surface)	DEPTH OF COMPLETED WELL (Feet Below Land Surface)

Water Level Information

STATIC WATER LEVEL (Feet Below Land Surface)	DATE MEASURED	TIME MEASURED	IF FLOWING WELL, METHOD OF FLOW REGULATION
			☐ Valve ☐ Other:

Borehole			Installed Casing													
DEPTH FROM SURFACE			DEPTH FROM SURFACE			MATERIAL TYPE (T)				PERFORATION TYPE (T)						
FROM (feet)	TO (feet)	BOREHOLE DIAMETER (inches)	FROM (feet)	TO (feet)	OUTER (inches)	STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE	SLOTTED	IF OTHER TYPE, DESCRIBE	SLOT SIZE (inches)

Installed Annular Material

DEPTH FROM SURFACE		ANNULAR MATERIAL TYPE (T)								FILTER PACK		
						BENTONITE						
FROM (feet)	TO (feet)	NONE	CONCRETE	NEAT CEMENT OR CEMENT GROUT	CEMENT-BENTONITE GROUT	GROUT	CHIPS	PELLETS	IF OTHER TYPE OF ANNULAR MATERIAL, DESCRIBE	SAND	GRAVEL	SIZE

Well Driller Report and Well Log

WELL REGISTRATION NUMBER
55 - 919508

SECTION 5. GEOLOGIC LOG OF WELL

DEPTH FROM SURFACE FROM (feet)	TO (feet)	**Description** Describe material, grain size, color, etc.	Check (T) every interval where water was encountered (if known)

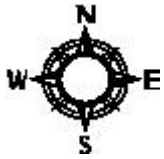
Well Driller Report and Well Log

WELL REGISTRATION NUMBER
55 - 919508

SECTION 6. WELL SITE PLAN			
NAME OF WELL OWNER	COUNTY ASSESSOR'S PARCEL ID NUMBER (MOST RECENT)		
LORD, CHARLES AND KAREN	BOOK 224	MAP 29	PARCEL 027J

v 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.

v Please indicate the distance between the well location and any septic tank system or sewer system.

						
						1" = _____ ft

Form 55-55 Instructions

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

CHARLES AND KAREN LORD
1254 EDIKE ROAD
MOHAVE VALLEY, AZ 86440

DOUGLAS A. DUCEY
Governor

THOMAS BUSCHATZKE
Director

Registration No. 55- 919508
File Number: B(17-22) 15 CCA

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

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 shoud file this report with the Department within 30 days following installation of pump equipment.

** PLEASE PRINT CLEARLY **

FILE NUMBER
B(17-22) 15 CCA
WELL REGISTRATION NUMBER
55 - 919508

SECTION 1. REGISTRY INFORMATION

Well Owner

FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL
LORD, CHARLES AND KAREN

MAILING ADDRESS
1254 EDIKE ROAD

CITY / STATE / ZIP
MOHAVE VALLEY, AZ, 86440

CONTACT PERSON NAME AND TITLE

TELEPHONE NUMBER
928 768-3187

FAX

Location of Well

WELL LOCATION ADDRESS (IF ANY)

TOWNSHIP (N/S)	RANGE (E/W)	SECTION	160 ACRE	40 ACRE	10 ACRE
			1/4	1/4	1/4

COUNTY ASSESSOR'S PARCEL ID NUMBER (MOST RECENT)

BOOK	MAP	PARCEL
224	29	027J

COUNTY WHERE WELL IS LOCATED

SECTION 2. EQUIPMENT INSTALLED

DATE PUMP INSTALLED

Pump Type

CHECK ONE

- ☐ Air Lift
- ☐ Bucket
- ☐ Centrifugal
- ☐ Jet
- ☐ Piston
- ☐ Rotary
- ☐ Submersible
- ☐ Turbine
- ☐ Other *(Please Specify):*

RATED PUMP CAPACITY
Gallons Per Minute

Pitless Adaptor

CHECK ONE *(SEE INSTRUCTIONS FOR DEFINITION)*

Was a pitless adaptor installed? ☐ Yes ☐ No

IF YES, DEPTH BELOW GROUND LEVEL THE DEVICE WAS INSTALLED
Feet

Power Type

CHECK ONE

- ☐ Diesel Engine
- ☐ Electric Motor
- ☐ Gasoline Engine
- ☐ Hand
- ☐ Natural Gas
- ☐ Windmill
- ☐ Other *(Please Specify):*

HORSE POWER RATING OF MOTOR

SECTION 3. PUMP TEST

Pump Test Data

DATE WELL TESTED

STATIC WATER LEVEL (A)
Feet Below Land Surface

PUMPING WATER LEVEL (B)
Feet Below Land Surface

DRAWDOWN [(B) - (A)]
Feet Below Land Surface

TEST PUMPING RATE
Gallons Per Minute

DURATION OF PUMP TEST (Minimum 4 Hours)
Hours

TOTAL PUMPING LIFT
Feet

FOR FLOWING WELL, MEASURED SHUT IN HEAD ☐ FT ☐ PSI

Method of Discharge Measurement

CHECK ONE

- ☐ Bailer
- ☐ Bucket - Barrel - Stopwatch
- ☐ Current
- ☐ Estimated - Air Lift
- ☐ Gauge
- ☐ Meter
- ☐ Orifice
- ☐ Volume
- ☐ Weir - Flume
- ☐ Other *(Please Specify):*

Method of Measuring Water Level

CHECK ONE

- ☐ Air Line
- ☐ Electric Measuring Line (Sounder)
- ☐ Steel Tape
- ☐ 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

Form 55-56 Instructions

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(17-22) 15 CCA
WELL REGISTRATION NUMBER
55 - 919508

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 224 - 29 - 027J 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 / RESPRESENTATIVE	TITLE
SIGNATURE	DATE SIGNED