



Arizona Department of Water Resources
Groundwater Permitting and Wells
1802 W Jackson St. Box #79
Phoenix, Arizona 85007
(602) 771-8527 • www.azwater.gov

Well Driller Report and Well Log

*THIS REPORT MUST BE FILED WITHIN 30 DAYS OF COMPLETING THE WELL,
PURSUANT TO ARIZONA REVISED STATUTE 45-600 AND A.A.C. RULE R12-15-808.*

WELL DRILLER LOGS AND REPORTS CAN ALSO BE DONE ONLINE AT:
http://www.azwater.gov/eForms/Forms/DL/DWR_DL.aspx

FILE NUMBER
D(17-14) 17 BCC
WELL REGISTRATION NUMBER
55 - 241988
PERMIT NUMBER (IF ISSUED)

SECTION 1. DRILLING AUTHORIZATION

Drilling Firm

Mail To:	NAME	DWR LICENSE NUMBER
	LAYNE CHRISTENSEN COMPANY	7
	ADDRESS	TELEPHONE NUMBER
	12030 EAST RIGGS ROAD	480-416-0035
	CITY / STATE / ZIP	FAX
	CHANDLER, AZ, 85249-3701	

SECTION 2. REGISTRY INFORMATION

Well Owner

Location of Well

FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL COPPER WORLD, INC.		WELL LOCATION ADDRESS (IF ANY)					
MAILING ADDRESS 5285 E WILLIAMS CIRCLE STE 2010		TOWNSHIP (N/S) 17S	RANGE (E/W) 14E	SECTION 7	160 ACRE NW 1/4	40 ACRE SW 1/4	10 ACRE SW 1/4
CITY / STATE / ZIP TUCSON, AZ, 85711		LATITUDE 31 DEGREES	57 MINUTES	4.64 SECONDS	LONGITUDE 110 DEGREES	56 MINUTES	33.50 SECONDS
CONTACT PERSON NAME AND TITLE		METHOD OF LATITUDE/LONGITUDE (CHECK ONE) ☒ *GPS: Hand-Held ☐ *GPS: Survey-Grade ☐ TOPO					
TELEPHONE NUMBER 520 260-3490	FAX	*LATITUDE/LONGITUDE DATUM, GPS (CHECK ONE) ☐ NAD83 ☐ NAD27 ☐ WGS84 ☐ Other					
WELL NAME (e.g., MW-1, PZ-3, lot 25 Well, Smith Well, etc.) SW-3B_1		METHOD OF ELEVATION (CHECK ONE) ☐ *GPS: Hand-Held ☐ *GPS: Survey-Grade ☐ TOPO					
COUNTY PIMA	ASSESSOR'S PARCEL ID NUMBER (MOST RECENT) BOOK 303 MAP 60 PARCEL 141	LAND SURFACE ELEVATION AT WELL ELEVATION _____ Feet Above Sea Level *ELEVATION DATUM (CHECK ONE) ☐ NAVD88 ☐ NGVD29 ☐ OTHER					

SECTION 3. WELL CONSTRUCTION DETAILS

Drilling Method	Method of Well Development	Method of Sealing at Reduction Points
CHECK ONE ☐ Air Rotary ☐ Bored or Augered ☐ Cable Tool ☐ Dual Rotary ☐ Mud Rotary ☒ Reverse Circulation ☐ Driven ☐ Jetted ☐ Air Percussion / Odex Tubing ☐ Other (please specify)	CHECK ONE ☒ Airlift ☐ Ball ☐ Surge Block ☐ Surge Pump ☐ Other (please specify) Condition of Well CHECK ONE ☒ Capped ☐ Abandoned ☐ Pump Installed ☐ Not Drilled	CHECK ONE ☒ None ☐ Packed ☐ Swedged ☐ Welded ☐ Other (please specify) Construction Dates DATE WELL CONSTRUCTION STARTED 05/16/25 DATE WELL CONSTRUCTION COMPLETED 05/21/25

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

4-29-25

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

Depth		
DEPTH OF BORING 1280 Feet Below Land Surface	DEPTH OF COMPLETED WELL 1210 Feet Below Land Surface	

Water Level Information			
STATIC WATER LEVEL NA Feet Below Land Surface	DATE MEASURED	TIME MEASURED	IF FLOWING WELL, METHOD OF FLOW REGULATION ☐ Valve ☐ Other:

Borehole			Installed Casing													
DEPTH FROM SURFACE		BOREHOLE DIAMETER (inches)	DEPTH FROM SURFACE		OUTER (Inches)	MATERIAL TYPE (X)				PERFORATION TYPE (X)						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	39	36	0	39	30	X				X						
0	1210	24	0	320	16	X				X						
			320	630	16	X								X	flu-flu	.06
			630	650	16	X				X						
			650	1180	16	X								X	flu-flu	.06
			1180	1210	16	X				X						
					</											

Installed Annular Material											
DEPTH FROM SURFACE		ANNULAR MATERIAL TYPE (X)								FILTER PACK	
FROM (feet)	TO (feet)	NONE	CONCRETE	NEAT CEMENT OR CEMENT GROUT	CEMENT-BENTONITE GROUT	BENTONITE			IF OTHER TYPE OF ANNULAR MATERIAL, DESCRIBE	SAND	GRAVEL
						GROUT	CHIPS	PELLETS			
0	39			X							
0	200			X							
200	220							X			
220	1210									X	6-16

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SECTION 5. GEOLOGIC LOG OF WELL

[illegible]

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SECTION 6. WELL SITE PLAN

NAME OF WELL OWNER

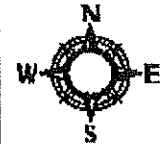
COPPER WORLD, INC.

COUNTY ASSESSOR'S PARCEL ID NUMBER (MOST RECENT)

BOOK
303MAP
60

PARCEL
141

- ❖ Required for all wells, 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.



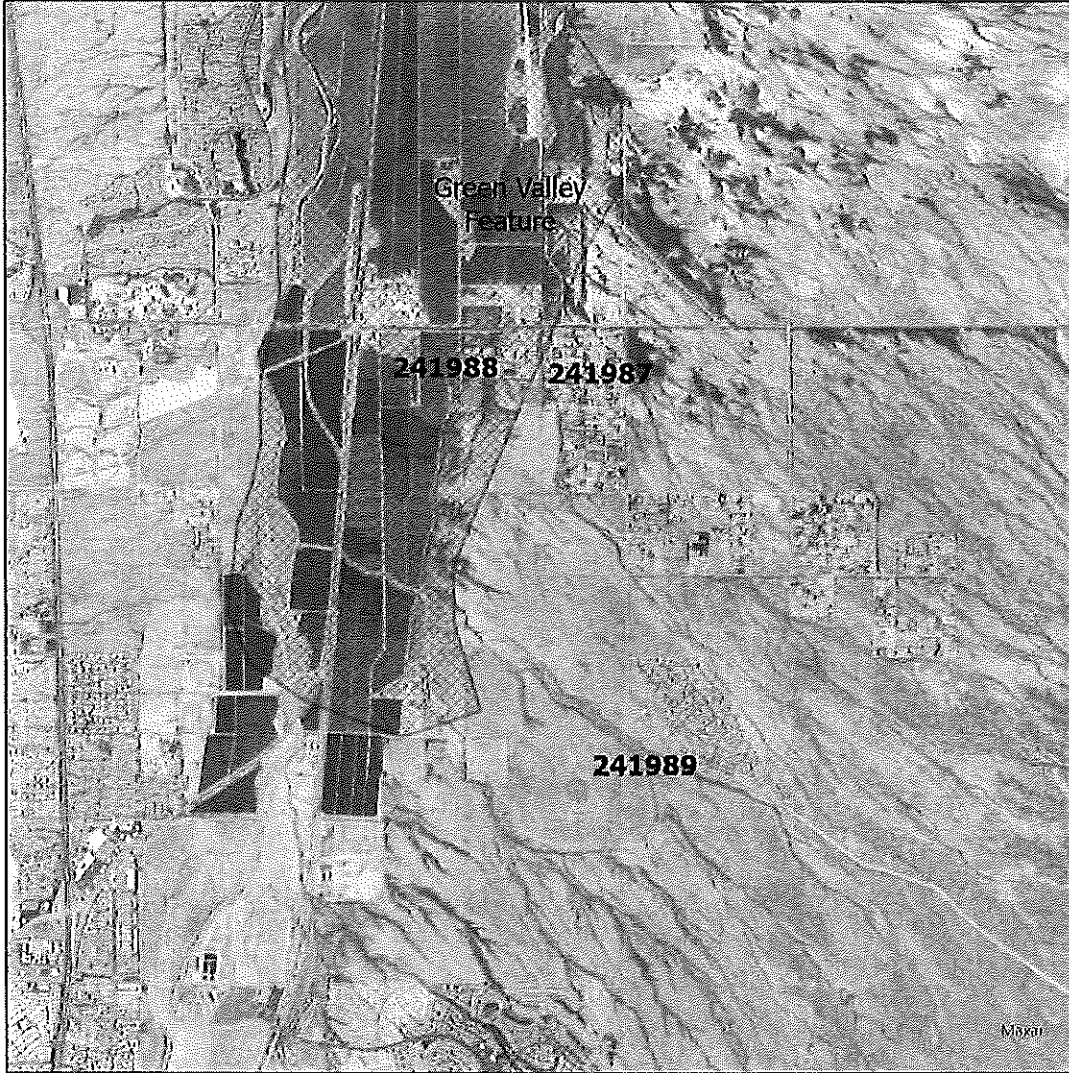
1" = _____ ft

See
attached

Well: SW-3B

Upper Interval	Upper Interval	Interval Description
0	40	LIGHT BROWN POORLY SORTED GRAVEL AND COBBLES (60%) WITH CRS SAND (10%) MED SAND (20%) FN SAND (10%) (5YR 6/4)
40	80	LIGHT BROWN POORLY SORTED CRS SAND (20%) MED SAND (20%) FN SAND (10%) AND GRAVEL AND COBBLES (50%) (5YR 6/4)
80	120	SAND-SILT/CLAY, SAND- CRS (20%) MED (40%), FINE (30%) WITH SILT/CLAY (10%) (5YR 7/2)
120	220	SAND-SILT/CLAY, SAND- CRS (20%) MED (40%), FINE (30%) WITH SILT/CLAY (10%) (5YR 7/2)
220	260	SAND-SILT/CLAY, SAND- CRS (20%) MED (40%), FINE (30%) WITH SILT/CLAY (10%) (5YR 7/2)
260	400	SAND-SILT/CLAY, SAND- MED (50%), FINE (30%) WITH SILT/CLAY (20%) (5YR 7/2)
400	480	INTERBEDDED SAND-SILT/CLAY, SAND- CRS (20%) MED (40%), FINE (30%) WITH SILT/CLAY (10%) (5YR 7/2)
480	620	INTERMITTANT SAND-SILT/CLAY, SAND- MED (50%), FINE (30%) WITH SILT/CLAY (20%) (5YR 7/2)
620	760	INTERMITTANT SAND-SILT/CLAY, SAND- MED (40%), FINE (30%) WITH SILT/CLAY (30%) (5YR 7/2)
760	930	SAND-SILT/CLAY, SAND- MED (50%), FINE (30%) WITH SILT/CLAY (20%) (5YR 7/2)

930	980	LIGHT BROWN, WELL SORTED SAND, CRSE (20%), MED (65%), FN (15%) (5YR 7/2)
980	1180	INTERBEDDED SAND-SILT/CLAY, SAND- MED (40%), FINE (40%) WITH SILT/CLAY (20%) (5YR 7/2); GRADES TO 60 PERCENT SILY/CLAY
1180	1320	CLAY (60%), FINE SAND (40%) (5YR 7/2)



**3 Proposed Non-Exempt Wells
Copper World
Tucson AMA**

