



ARIZONA DEPARTMENT OF WATER RESOURCES
 Records Management Section
 P.O. Box 36020, Phoenix, Arizona 85067-3589
 (602) 771-8527 * (800) 352-8488
 www.water.az.gov

Well Abandonment Completion Report

FILE NUMBER A(1-4) 1 BAD
WELL REGISTRATION NUMBER 55- 506169

- Review instructions prior to completing form
- The drilling firm or single well licensee must file this report within 30 days of completion of abandonment (A.R.S. § 45-594, A.A.C. R12-15-816)

JAN 06 2014

** PLEASE PRINT CLEARLY **

SECTION 1. ABANDONMENT AUTHORIZATION	
Mail To:	Drilling Firm
	NAME CASCADE DRILLING, LP
	DWR LICENSE NUMBER 226
	ADDRESS 7103 WEST AUGUSTA AVE.
	TELEPHONE NUMBER 623-889-7503
	CITY / STATE / ZIP GLENDALE, AZ 85303
	FAX

SECTION 2. REGISTRY INFORMATION	
Well Owner Information	
FULL NAME OF COMPANY, ORGANIZATION OR INDIVIDUAL MOTOROLA SOLUTIONS, INC	CONTACT PERSON NAME AND TITLE TERRILL WOOD, NIBW PROGRAM MGR
MAILING ADDRESS 2900 S DIABLO WAY, BUILDING A, SUITE 150 ATTN: TERRILL WOOD	TELEPHONE NUMBER 602-664-7633
CITY / STATE / ZIP TEMPE, AZ 85282	FAX
Location of Well	
WELL LOCATION ADDRESS (IF ANY) 250' SW of the intersection of Joe Foss Way & 84th	LATITUDE 33° 27' 44.71" N Degrees Minutes Seconds
	LONGITUDE 111° 54' 4.73" W Degrees Minutes Seconds
TOWNSHIP (N/S) 1N	RANGE (E/W) 4E
SECTION 1	160 ACRE NW 1/4
	40 ACRE NE 1/4
	10 ACRE SE 1/4
LAND SURFACE ELEVATION AT WELL 1212 Feet Above Sea Level	
METHOD OF LATITUDE / LONGITUDE (CHECK ONE) <input type="checkbox"/> *GPS: Hand-Held <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Conventional Survey <input checked="" type="checkbox"/> *GPS: Survey-Grade	
*IF GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE) <input checked="" type="checkbox"/> NAD-83 <input type="checkbox"/> Other (please specify):	
COUNTY ASSESSOR'S PARCEL ID NUMBER	
BOOK 0	MAP 0
PARCEL	

SECTION 3.			
Questions	Yes	No	Explanation :
1. To your knowledge, is there any information that exists which indicates that the water in this well has been, may be or is contaminated ?	X		IF YES, EXPLAIN (ATTACH ADDITIONAL PAGE IF NECESSARY) North Indian Bend Wash Superfund Site
2. Is there another well name or identification number associated with this well? (e.g., MW-1, PZ-4, Lot 29 Well, Smith Well, etc.)	X		IF YES, PLEASE STATE ST-1UA
3. Prior to abandonment, did the well have 20' of surface casing AND 20' of grout in the annular space surrounding the casing ?	X		If No, was the top 20' of casing removed prior to setting the cement plug ? <input type="checkbox"/> Yes <input type="checkbox"/> No
4. Was the well backfilled above the cement plug ?	X		
5. Was the well casing video logged ?		X	
6. Why was the well abandoned ? Well no longer needed for monitoring as approved by EPA			

Well Abandonment Completion Report

WELL REGISTRATION NUMBER
55- 506169

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

Existing Borehole			Existing Casing (to the best of your knowledge)													
DEPTH FROM SURFACE		BOREHOLE DIAMETER (inches)	DEPTH FROM SURFACE		OUTER DIAMETER (inches)	MATERIAL TYPE (X)				PERFORATION TYPE (X)					SLOT SIZE IF ANY (inches)	
FROM (feet)	TO (feet)		FROM (feet)	TO (feet)		STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE	SLOTTED		IF OTHER TYPE, DESCRIBE
0	120	9 7/8	+1	76	6	X										
			76	116	6	X							X			

Condition of casing: Good Fair Poor

Existing Annular Material (to the best of your knowledge)

DEPTH FROM SURFACE		ANNULAR MATERIAL TYPE (X)						FILTER PACK		
FROM (feet)	TO (feet)	NONE	CONCRETE	NEAT CEMENT OR CEMENT GROUT	CEMENT-BENTONITE GROUT	BENTONITE	IF OTHER TYPE OF ANNULAR MATERIAL, DESCRIBE	SAND	GRAVEL	SIZE
						GROUT		CHIPS	PELLETS	
0	120	X								

SECTION 5. ACTUAL WELL ABANDONMENT DESIGN (attach additional page if needed)

Refer to ADWR's Well Abandonment Handbook for additional information.

DEPTH TO WATER: **73** Feet Below Land Surface
DATE ABANDONMENT COMPLETED: **11/12/13**

Casing Treatment					Sealing or Fill Material											
DEPTH FROM SURFACE		TREATMENT TYPE (X)			DEPTH FROM SURFACE		MATERIAL TYPE (X)					MIXING RATIO by (check one) <input type="checkbox"/> Weight <input checked="" type="checkbox"/> Volume	VOLUME OF MATERIAL USED (cubic feet)			
FROM (feet)	TO (feet)	SONAR JET	BRUSH OR SCRAPE	MILLS KNIFE	CASING REMOVAL (explain in Remarks)	IF OTHER TYPE, DESCRIBE OR IF CASING WAS PERFORATED, DESCRIBE SPACING AND SIZE OF PERFORATIONS THAT WERE ADDED	FROM (feet)	TO (feet)	NEAT CEMENT	CONCRETE	CEMENT-BENTONITE GROUT			SAND-BENTONITE GROUT	HIGH SOLIDS BENTONITE	SAND
0	3			X			3	115			X				6	31.2

Actual Abandonment Method (See Well Abandonment Handbook)

CHECK ONE
 Standard Method Alternative 4: Other (please specify)
 Alternative 1 Variance Option
 Alternative 2 Alternative 5:
 Alternative 3 Variance Option 1
 Variance Option 2

Emplacement Method of Sealing or Fill Material

CHECK ONE
 Gravity
 Pressure Grouting
 Tremie Pumped
 Other (please specify)

REMARKS: **12" PVC Surface casing with seal at this well location.**

I state that this notice is filed in compliance with A.R.S. §45-594 and A.A.C. R12-15-816 and is complete and correct to the best of my knowledge and belief.

TYPE OR PRINT NAME AND TITLE: **Shawn Cain Operations Manager**
 SIGNATURE OF QUALIFYING PARTY: *Shawn Cain*
 DATE: **12-27-13**



Arizona Department of Water Resources
 Water Management Division
 P.O. Box 36020 Phoenix, Arizona 85067-6020
 (602) 771-8527 • www.azwater.gov

Request to Change Well Information
 RECEIVED

- ❖ Review instructions prior to completing form in black or blue ink.
- ❖ You must include with your Notice:
 - check or money order for any required fee(s)
- ❖ Authority for fee: A.R.S. § 45-113 and A.A.C. R12-15-104
- ** PLEASE PRINT CLEARLY **

SEP 09 2013

ARIZONA DEPARTMENT
OF WATER RESOURCES

FILE NUMBER
WELL REGISTRATION NUMBER
55 - 506169

SECTION 1 - REGISTRY INFORMATION	
Well Owner	Location of Well
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL Motorola Solutions, Inc.	WELL LOCATION ADDRESS (IF ANY) S side of GD access Rd N of Roosevelt & W of Granite Reef
MAILING ADDRESS 2900 S. Diablo Way, Building A, Suite 150	TOWNSHIP (N/S) RANGE (E/W) SECTION 180 ACRE 40 ACRE 10 ACRE 1N 4E 1 NW 1/4 NE 1/4 SE 1/4
CITY / STATE / ZIP CODE Tempe, AZ 85282	LATITUDE LONGITUDE 33° 27' 44.71" N 111° 54' 4.73" W
CONTACT PERSON NAME AND TITLE Terry Lockwood, NIBW Program Manager	METHOD OF LATITUDE/LONGITUDE (CHECK ONE) <input type="checkbox"/> *GPS: Hand-Held <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Conventional Survey <input checked="" type="checkbox"/> *GPS: Survey-Grade
TELEPHONE NUMBER FAX 602-760-4763 602-760-51581	*IF GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE) <input checked="" type="checkbox"/> NAD-83 <input type="checkbox"/> Other (please specify):
	COUNTY ASSESSOR'S PARCEL ID NUMBER COUNTY WHERE WELL IS LOCATED BOOK MAP PARCEL

Type of Request (CHECK ONE)

Change of Well Drilling Contractor (Fill out Section 2)
 Change of Well Ownership (Fill out Section 3)
 Change of Well Information (location, use, etc.) (Fill out Section 4)

SECTION 2 - REQUEST TO CHANGE WELL DRILLING CONTRACTOR		FEE \$120 per Well
♦ If drilling or abandoning a well, the Department must receive this request and issue authorization to the new drilling firm prior to the commencement of well drilling or abandonment.		
Current Well Drilling Contractor	New Well Drilling Contractor	
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL Boart Longyear Co.	FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL Cascade Drilling LP	
DWR LICENSE NUMBER 83	DWR LICENSE NUMBER 226	ROC LICENSE CATEGORY 286627
TELEPHONE NUMBER FAX	TELEPHONE NUMBER 623-935-0124	FAX 623-935-9302

SECTION 3 - STATEMENT OF CHANGE OF WELL OWNERSHIP		FEE \$30 per Well
Previous Well Owner	New Well Owner	
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL	FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL	
MAILING ADDRESS	MAILING ADDRESS	
CITY / STATE / ZIP CODE	CITY / STATE / ZIP CODE	
CONTACT PERSON NAME AND TITLE	CONTACT PERSON NAME AND TITLE	
TELEPHONE NUMBER FAX	TELEPHONE NUMBER	FAX

SECTION 4 - CHANGE OF WELL INFORMATION (No Fee Required)

NOTE: Applies only to wells that have already been drilled. For proposed wells, an amended Notice of Intent to Drill a Well must be filed.

EXPLAIN

SECTION 5 - OPTIONAL BY PROPERTY OWNER AND WELL OWNER ONLY

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

SECTION 6 - WELL OWNER SIGNATURE

I HEREBY CERTIFY that the above statements are true to the best of my knowledge and belief.

TYPE OR PRINT NAME AND TITLE Terry Lockwood, Program Manager	SIGNATURE OF WELL OWNER <i>Terry Lockwood</i>	DATE 9/5/2013
--	--	-------------------------

ST14A

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

3550 N. Central Avenue
Phoenix, Arizona 85012

REISSUE-ABANDON

Notice! This well is located in or near an area of groundwater contamination (WQARF/CERCLA/DOD or Other). Be advised that special requirements may apply. Please refer to the attached letter(s) to the well owner for details.

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

WELL REGISTRATION NO: 55-506169

ST14A

AUTHORIZED DRILLER: CASCADE DRILLING, LP

LICENSE NO: 226

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

WELL OWNER: MOTOROLA SOLUTIONS, INC 2900 S DIABLO WAY, BUILDING A, SUITE 150 ATTN:TERRY LOCKWOOD, NIBW PROGRAM MGR TEMPE, AZ 85282
THE WELL(S) IS/ARE TO BE LOCATED IN THE:

SE ¼ OF THE NE ¼ OF THE NW ¼ SECTION 1 TOWNSHIP 1 NORTH RANGE 4 EAST

NO. OF WELLS IN THIS PROJECT: 0

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE DAY OF

David Chen

WATER MANAGEMENT SUPPORT

**THE DRILLER MUST FILE A WELL ABANDONMENT
COMPLETION REPORT WITHIN 30 DAYS OF ABANDONMENT**





Arizona Department of Water Resources
Water Management Division
P.O. Box 36020 Phoenix, Arizona 85067-6020
(602) 771-8500 • www.azwater.gov

**Notice of Intent to
Abandon a Well**

**FEE
\$150.00**

- ◆ Review instructions and the Well Abandonment Handbook prior to completing form with black or blue ink.
 - ◆ You **must** include with your Notice:
 - > Well construction diagram showing all existing well construction features listed in Section 5 and the proposed abandonment specifications listed in Section 6.
 - ◆ Authority for fee: A.R.S. §45-113 and A.A.C. R12-15-104
- ** PLEASE PRINT CLEARLY ****

AMA / I/A	B	SB
RECEIVED DATE	WS	
8/5/13		
ISSUED DATE	WOARF	CERCLA
8/8/13	002	

FILE NUMBER A(1-4)1BA0
WELL REGISTRATION NUMBER 55 - 506169

SECTION 1. REGISTRY INFORMATION

Well Type CHECK ONE		Location of Well	
<input type="checkbox"/> Domestic	<input checked="" type="checkbox"/> Monitor / Piezometer	WELL LOCATION ADDRESS (IF ANY) S side of GD access rd, N of Roosevelt & W of Granite Reef	
<input type="checkbox"/> Stock	<input type="checkbox"/> Geotechnical	TOWNSHIP (N/S)	RANGE (E/W)
<input type="checkbox"/> Irrigation	<input type="checkbox"/> Mineral Exploration	1N	4E
<input type="checkbox"/> Municipal	<input type="checkbox"/> Other (please specify):	SECTION	180 ACRE
		1	40 ACRE
			10 ACRE
			NW 1/4 NE 1/4 SE 1/4
ORIGINAL WELL OWNER (IF KNOWN) Motorola, Inc. GEG		COUNTY ASSESSOR'S PARCEL ID NUMBER BOOK	COUNTY WHERE WELL IS LOCATED Parcel Maricopa
ORIGINAL WELL DRILLING FIRM (IF KNOWN) Weber Pump, Inc.		LATITUDE	
ARIZONA DEPARTMENT OF WATER RESOURCES AUG 5 2013		LONGITUDE	
DRILL DATE (IF KNOWN) 8/11/1983		33° 27' 44.71" N	111° 54' 4.73" W
		Degrees	Minutes
		Seconds	Degrees
			Minutes
			Seconds
		METHOD OF LATITUDE/LONGITUDE (CHECK ONE) <input type="checkbox"/> *GPS: Hand-Held	
		<input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Conventional Survey <input checked="" type="checkbox"/> *GPS: Survey-Grade	
		*IF GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE)	
		<input checked="" type="checkbox"/> NAD-83 <input type="checkbox"/> Other (please specify):	

SECTION 2. OWNER INFORMATION

Well Owner	Landowner (if different from Well Owner)
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL Motorola Solutions, Inc.	FULL NAME OF COMPANY, GOVERNMENT AGENCY, OR INDIVIDUAL General Dynamics C4 Systems, Inc.
MAILING ADDRESS 2900 S. Diablo Way, Building A, Suite 150	MAILING ADDRESS 8201 E. McDowell Road
CITY / STATE / ZIP CODE Tempe/Arizona/85282	CITY / STATE / ZIP CODE Scottsdale/Arizona/85257
CONTACT PERSON NAME AND TITLE Terry Lockwood, NIBW Program Manager	CONTACT PERSON NAME AND TITLE Jeff Homer
TELEPHONE NUMBER (602) 760-4763	TELEPHONE NUMBER (480) 441-6672
FAX (602) 760-5151	FAX (480) 441-8028

SECTION 3. ABANDONMENT AUTHORIZATION

Drilling Firm	Consultant (if applicable)
NAME Boart Longyear (now Cascade Drilling, L.P.)	CONSULTING FIRM Synergy Environmental, LLC.
DWR LICENSE NUMBER 83	CONTACT PERSON NAME Andrew J. MacHugh, PE
ROC LICENSE CATEGORY A-04	TELEPHONE NUMBER (602) 430-2785
TELEPHONE NUMBER (480) 226-5485	FAX n/a
	E-MAIL ADDRESS andrew.machugh@syn-env.com

SECTION 4.

Questions	Yes	No	If Yes:
1. To your knowledge, is there any information that exists which indicates that the water in this well has been, may be, or is contaminated?	X		EXPLAIN (ATTACH ADDITIONAL PAGE IF NECESSARY)
2. Is there another well name or identification number associated with this well? (e.g., Lot 3 Well, MW-1, etc.)	X		PLEASE STATE ST-1UA
3. Was the well casing video logged?		X	
4. Why is the well being abandoned?	no longer needed for monitoring (as approved by EPA)		

Notice of Intent to Abandon a Well

WELL REGISTRATION NUMBER
55 - 506169

Provide a well construction diagram showing all existing well construction features listed in Section 5 and the proposed abandonment specifications listed in Section 6.

SECTION 5: ORIGINAL WELL CONSTRUCTION DESIGN (attach additional page if needed)

Existing Borehole			Existing Casing (to the best of your knowledge)													
DEPTH FROM SURFACE		BOREHOLE DIAMETER (inches)	DEPTH FROM SURFACE		OUTER DIAMETER (inches)	MATERIAL TYPE (T)				PERFORATION TYPE (T)					SLOT SIZE IF ANY (inches)	
FROM (feet)	TO (feet)		FROM (feet)	TO (feet)		STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE	SLOTTED		IF OTHER TYPE, DESCRIBE
0	120	9-7/8	+1	76	6	X					X					
			76	116	6	X							X			

Condition of casing: Good Fair Poor

Existing Annular Material (to the best of your knowledge)												
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	120	no data included in ADWR imaged record.										

SECTION 6: PROPOSED WELL ABANDONMENT DESIGN (attach additional page if needed)

DATE ABANDONMENT IS TO BEGIN
August 2013

Refer to ADWR's Well Abandonment Handbook for additional information.

Casing Treatment					Sealing or Fill Material															
DEPTH FROM SURFACE		TREATMENT TYPE (T)				DEPTH FROM SURFACE		MATERIAL TYPE (T)							MIXING RATIO by (check one) <input checked="" type="checkbox"/> Weight <input type="checkbox"/> Volume	ESTIMATED VOLUME OF MATERIAL (cubic feet)				
FROM (feet)	TO (feet)	SONAR JET	BRUSH OR SCRAPE	MILLS KNIFE	CASING REMOVAL (explain in Remarks)	IF OTHER TYPE, DESCRIBE OR IF CASING IS TO BE PERFORATED, DESCRIBE SPACING AND SIZE OF PERFORATIONS TO BE ADDED	FROM (feet)	TO (feet)	NEAT CEMENT	CONCRETE	SAND-CEMENT GROUT	CEMENT-BENTONITE GROUT	SAND-BENTONITE GROUT	GROUT			CHIPS	PELLETS	SAND	
0	2				X		2	120					X						5	24

Proposed Abandonment Method (See Well Abandonment Handbook)

Emplacement Method of Sealing or Fill Material

CHECK ONE
 Standard Method Alternative 4: Other (please specify):
 Alternative 1 Variance Option *
 Alternative 2 Alternative 5:
 Alternative 3 Variance Option 1* * requires a letter requesting a variance
 Variance Option 2*

CHECK ONE
 Gravity
 Pressure Grouting
 Tremie Pumped
 Other (please specify):

REMARKS

I state that this notice is filed in compliance with A.R.S. § 45-594 and A.A.C. R12-15-916 and is complete and correct to the best of my knowledge and belief.

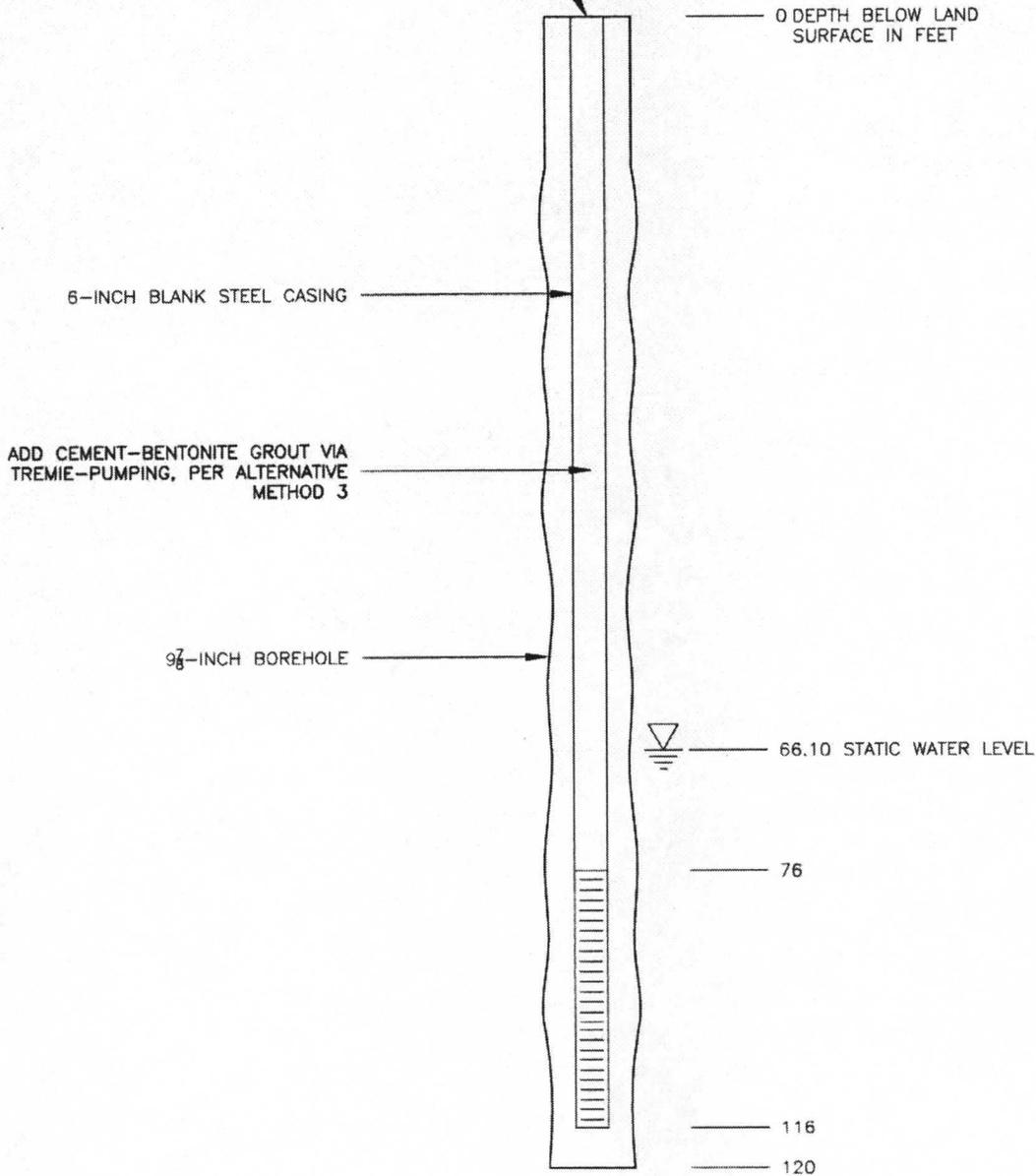
TYPE OR PRINT NAME AND TITLE
Terry Lockwood, NIBW Program Manager

SIGNATURE OF WELL OWNER
Terry Lockwood 8/2/2013 DATE

TYPE OR PRINT NAME AND TITLE
Jeff Homer

SIGNATURE OF LANDOWNER, IF APPLICABLE (SEE INSTRUCTIONS)
Jeffrey G. Homer 8/2/2013 DATE

REMOVE ABOVE-GRADE AND BELOW-BELOW GRADE CASING 2 FEET BELOW LAND SURFACE (BLS);
 ADD CEMENT-BENTONITE GROUT FROM 120 TO 2 FEET BLS; BACKFILL TO LAND SURFACE AND RESTORE
 LANDSCAPE PER LAND OWNER'S SPECIFICATIONS



Plot Date: 07/29/13 - 10:00am, Plotted by: Luke Downing
 Drawing Path: N:\Synergy\NIBW\Wells, Drawing Name: Well ST-1UA.dwg

NOT TO SCALE

**SCHEMATIC DIAGRAM OF WELL ST-1UA
 CONSTRUCTION**

North Indian Bend Wash Site
 Maricopa County, Arizona

By: LD	Date: 07/29/13	Project No. 366.14
North Indian Bend Wash Superfund Site		Figure



Arizona Department of Water Resources
Water Management Division
P.O. Box 36020 Phoenix, Arizona 85067-6020
(602) 771-8500 • www.azwater.gov

Notice of Intent to
Abandon a Well

FEE
\$150.00

- ❖ Review instructions and the Well Abandonment Handbook prior to completing form with black or blue ink.
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 - ❖ Authority for fee: A.R.S. §45-113 and A.A.C. R12-15-104
- ** PLEASE PRINT CLEARLY ****

AMA / INA	S	SB
RECEIVED	DATE	WS
8/5/13		
ISSUED	DATE	WOARF CERCLA
8/8/13		002

FILE NUMBER
A(1-4)1BAD
WELL REGISTRATION NUMBER
55 - 506169

SECTION 1. REGISTRY INFORMATION

Well Type CHECK ONE		Location of Well WELL LOCATION ADDRESS (IF ANY) S side of GD access rd, N of Roosevelt & W of Granite Reef					
<input type="checkbox"/> Domestic	<input checked="" type="checkbox"/> Monitor / Piezometer	TOWNSHIP (N/S)	RANGE (E/W)	SECTION	160 ACRE	40 ACRE	10 ACRE
<input type="checkbox"/> Stock	<input type="checkbox"/> Geotechnical	1N	4E	1	NW 1/4	NE 1/4	SE 1/4
<input type="checkbox"/> Irrigation	<input type="checkbox"/> Mineral Exploration	COUNTY ASSESSOR'S PARCEL ID NUMBER		COUNTY WHERE WELL IS LOCATED			
<input type="checkbox"/> Municipal	<input type="checkbox"/> Other (please specify):	BOOK	MAP	PARCEL	Maricopa		
ORIGINAL WELL OWNER (IF KNOWN) Motorola, Inc. GEG		LATITUDE					
ORIGINAL WELL DRILLING FIRM (IF KNOWN) Weber Pump, Inc.		DRILL DATE (IF KNOWN) 8/11/1983		LONGITUDE			
		33 °	27 ' 44.71 "N	111 °	54 ' 4.73 "W		
		METHOD OF LATITUDE/LONGITUDE (CHECK ONE) <input type="checkbox"/> *GPS: Hand-Held					
		<input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Conventional Survey <input checked="" type="checkbox"/> *GPS: Survey-Grade					
		*IF GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE)					
		<input checked="" type="checkbox"/> NAD-83 <input type="checkbox"/> Other (please specify):					

SECTION 2. OWNER INFORMATION

Well Owner		Landowner (if different from Well Owner)	
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL Motorola Solutions, Inc.		FULL NAME OF COMPANY, GOVERNMENT AGENCY, OR INDIVIDUAL General Dynamics C4 Systems, Inc.	
MAILING ADDRESS 2900 S. Diablo Way, Building A, Suite 150		MAILING ADDRESS 8201 E. McDowell Road	
CITY / STATE / ZIP CODE Tempe/Arizona/85282		CITY / STATE / ZIP CODE Scottsdale/Arizona/85257	
CONTACT PERSON NAME AND TITLE Terry Lockwood, NIBW Program Manager		CONTACT PERSON NAME AND TITLE Jeff Homer	
TELEPHONE NUMBER (602) 760-4763	FAX (602) 760-5151	TELEPHONE NUMBER (480) 441-6672	FAX (480) 441-8028

SECTION 3. ABANDONMENT AUTHORIZATION

Drilling Firm		Consultant (if applicable)	
NAME Boart Longyear (now Cascade Drilling, L.P.)		CONSULTING FIRM Synergy Environmental, LLC.	
DWR LICENSE NUMBER 83	ROC LICENSE CATEGORY A-04	CONTACT PERSON NAME Andrew J. MacHugh, PE	
TELEPHONE NUMBER (480) 226-5485	FAX --	TELEPHONE NUMBER (602) 430-2785	FAX n/a
E-MAIL ADDRESS andrew.machugh@syn-env.com			

SECTION 4.

Questions	Yes	No	If Yes:
1. To your knowledge, is there any information that exists which indicates that the water in this well has been, may be, or is contaminated?	X		EXPLAIN (ATTACH ADDITIONAL PAGE IF NECESSARY)
2. Is there another well name or identification number associated with this well? (e.g., Lot 3 Well, MW-1, etc.)	X		PLEASE STATE ST-1UA
3. Was the well casing video logged?		X	
4. Why is the well being abandoned?	no longer needed for monitoring (as approved by EPA)		

Notice of Intent to Abandon a Well

WELL REGISTRATION NUMBER
55 - 506169

Provide a well construction diagram showing all existing well construction features listed in Section 5 and the proposed abandonment specifications listed in Section 6.

SECTION 5. ORIGINAL WELL CONSTRUCTION DESIGN (attach additional page if needed)

Existing Borehole			Existing Casing (to the best of your knowledge)													
DEPTH FROM SURFACE		BOREHOLE DIAMETER (inches)	DEPTH FROM SURFACE		OUTER DIAMETER (inches)	MATERIAL TYPE (T)				PERFORATION TYPE (T)					SLOT SIZE IF ANY (inches)	
FROM (feet)	TO (feet)		FROM (feet)	TO (feet)		STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE	SLOTTED		IF OTHER TYPE, DESCRIBE
0	120	9-7/8	+1	76	6	X										
			76	116	6	X							X			

Condition of casing: Good Fair Poor

Existing Annular Material (to the best of your knowledge)												
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	120	no data included in ADWR imaged record.										

SECTION 6. PROPOSED WELL ABANDONMENT DESIGN (attach additional page if needed)

DATE ABANDONMENT IS TO BEGIN
August 2013

Refer to ADWR's Well Abandonment Handbook for additional information.

Casing Treatment					Sealing or Fill Material															
DEPTH FROM SURFACE		TREATMENT TYPE (T)			DEPTH FROM SURFACE		MATERIAL TYPE (T)							MIXING RATIO by (check one) <input checked="" type="checkbox"/> Weight <input type="checkbox"/> Volume	ESTIMATED VOLUME OF MATERIAL (cubic feet)					
FROM (feet)	TO (feet)	SONAR JET	BRUSH OR SCRAPE	MILLS KNIFE	CASING REMOVAL (explain in Remarks)	IF OTHER TYPE, DESCRIBE OR IF CASING IS TO BE PERFORATED, DESCRIBE SPACING AND SIZE OF PERFORATIONS TO BE ADDED	FROM (feet)	TO (feet)	NEAT CEMENT	CONCRETE	SAND-CEMENT GROUT	CEMENT-BENTONITE GROUT	SAND-BENTONITE GROUT			GROUT	CHIPS	PELLETS	SAND	
0	2				X		2	120											5	24

Proposed Abandonment Method (See Well Abandonment Handbook)

CHECK ONE
 Standard Method
 Alternative 1
 Alternative 2
 Alternative 3
 Alternative 4:
 Variance Option *
 Alternative 5:
 Variance Option 1*
 Variance Option 2*
 * requires a letter requesting a variance

Emplacement Method of Sealing or Fill Material

CHECK ONE
 Gravity
 Pressure Grouting
 Tremie Pumped
 Other (please specify):

REMARKS

I state that this notice is filed in compliance with A.R.S. § 45-594 and A.A.C. R12-15-816 and is complete and correct to the best of my knowledge and belief.

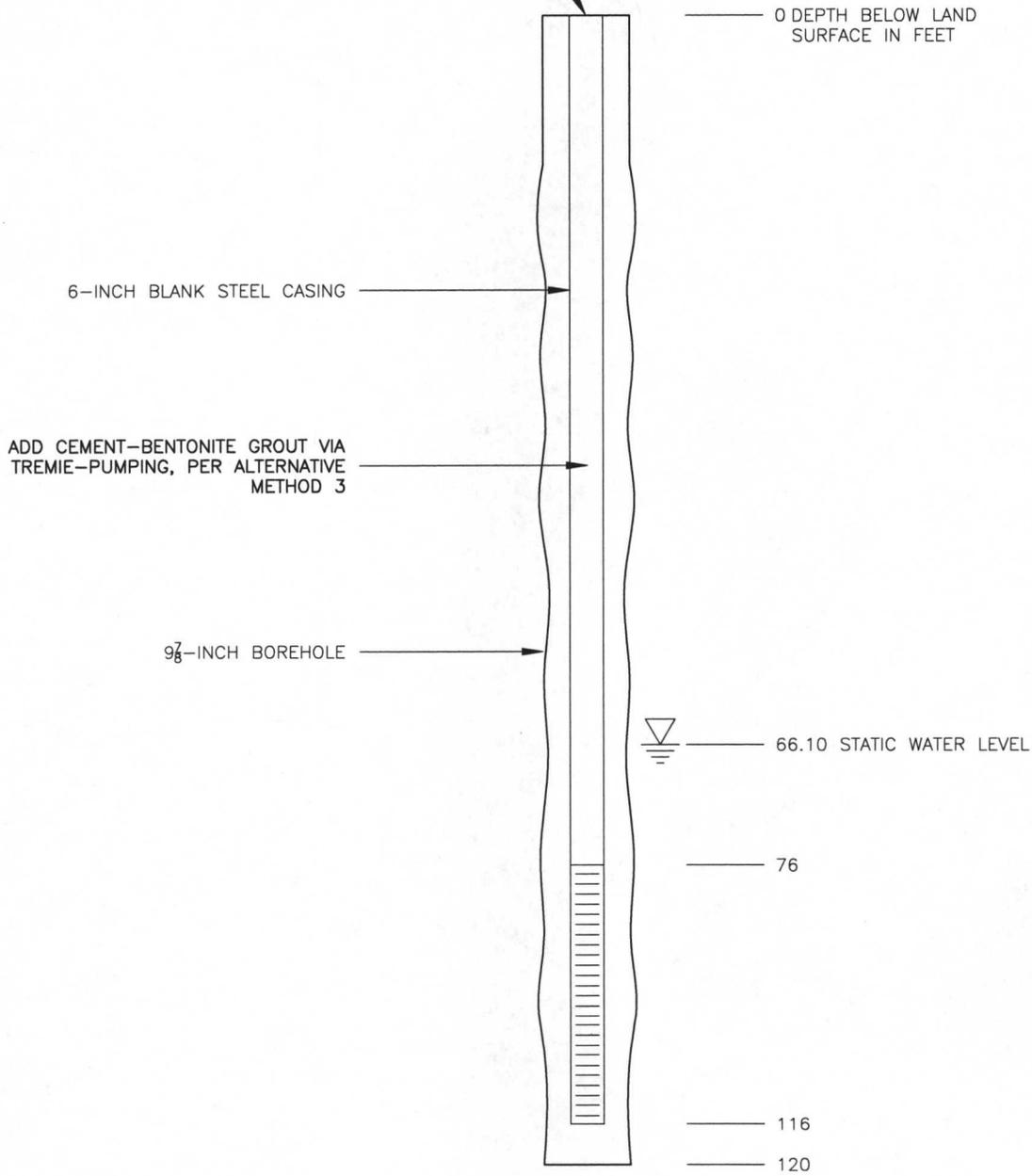
TYPE OR PRINT NAME AND TITLE
Terry Lockwood, NIBW Program Manager

SIGNATURE OF WELL OWNER
Terry Lockwood DATE 8/2/2013

TYPE OR PRINT NAME AND TITLE
Jeff Homer

SIGNATURE OF LANDOWNER, IF APPLICABLE (SEE INSTRUCTIONS)
Jeffrey Homer DATE 8/2/2013

REMOVE ABOVE-GRADE AND BELOW-BELOW GRADE CASING 2 FEET BELOW LAND SURFACE (BLS); ADD CEMENT-BENTONITE GROUT FROM 120 TO 2 FEET BLS; BACKFILL TO LAND SURFACE AND RESTORE LANDSCAPE PER LAND OWNER'S SPECIFICATIONS



Plot Date: 07/29/13 - 10:00am, Plotted by: Luke Downing
 Drawing Path: N:\Synergy\NIBW\Wells, Drawing Name: Well ST-1UA.dwg

SCHEMATIC DIAGRAM OF WELL ST-1UA CONSTRUCTION

North Indian Bend Wash Site
 Maricopa County, Arizona

By: LD	Date: 07/29/13	Project No. 366.14
North Indian Bend Wash Superfund Site		Figure .

NOT TO SCALE

ARIZONA DEPARTMENT OF WATER RESOURCES

3550 N. Central Avenue, Phoenix, Arizona 85012

Telephone (602) 771-8500

Fax (602) 771-8691

August 07, 2013



JANICE K. BREWER

Governor

SANDRA A. FABRITZ-WHITNEY

Director

MOTOROLA SOLUTIONS, INC
2900 S DIABLO WAY, BUILDING A, SUITE 150
ATTN:TERRY LOCKWOOD, NIBW PROGRAM MGR
TEMPE, AZ 85282

Registration No. 55-506169

File No. A(1-4) 1 BAD

Dear Applicant:

Enclosed is a copy of the Notice of Intent (NOI) to Abandon a Well. This NOI, which was recently filed with this Department is being returned to you as evidence of your compliance with ARS § 45-594; R12-15-816. The enclosed Well Owners Notification of Abandonment is to be submitted when the well has been properly abandoned. The well abandonment card and Abandonment Completion Report forms have been sent to your driller. He may not begin abandonment until he has received the well abandonment card. If you change drillers, you must supply this Department with the new driller's identity. Well abandonments shall be performed only by a licensed well drilling contractor or single well licensee.

ARS §45-594; R12-15-816(K) requires the registered well owner to submit a Well Owners Notification of Abandonment form within thirty (30) days after the abandonment of the well. It also requires the driller to furnish this Department a complete and accurate Well Abandonment Report within thirty (30) days after completion of abandonment. You should insist, and ensure, that both of these are done.

Sincerely,

A handwritten signature in black ink, appearing to read "David Christiana".

David Christiana

NOI Unit

Water Management Support Section

Enclosures

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

3550 N. Central Avenue
Phoenix, Arizona 85012

ABANDON

Notice! This well is located in or near an area of groundwater contamination (WQARF/CERCLA/DOD or Other). Be advised that special requirements may apply. Please refer to the attached letter(s) to the well owner for details.

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

WELL REGISTRATION NO: 55-506169

ST-14A

AUTHORIZED DRILLER: BOART LONGYEAR COMPANY

LICENSE NO: 83

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

WELL OWNER: MOTOROLA SOLUTIONS, INC 2900 S DIABLO WAY, BUILDING A, SUITE 150 ATTN:TERRY LOCKWOOD, NIBW PROGRAM MGR TEMPE, AZ 85282
THE WELL(S) IS/ARE TO BE LOCATED IN THE:

SE 1/4 OF THE NE 1/4 OF THE NW 1/4 SECTION 1 TOWNSHIP 1 NORTH RANGE 4 EAST

NO. OF WELLS IN THIS PROJECT: 0

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE DAY OF

David Clark

WATER MANAGEMENT SUPPORT

**THE DRILLER MUST FILE A WELL ABANDONMENT
COMPLETION REPORT WITHIN 30 DAYS OF ABANDONMENT**



Arizona Department of Water Resources
PERMISSION AUTHORIZATION FOR WATER LEVEL MEASUREMENT



I grant permission to ADWR to conduct water level measurements at the following well(s) described below.

Signature	Printed Name
Well ID 506169	Location A-01-04 01BAD
Well ID	Location
Well ID	Location

I am no longer the owner or lessee of the well(s) described above. The current owner or lessee may be contacted at:

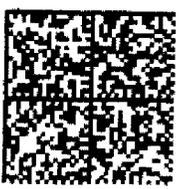
Name: _____
 Address: _____
 City, State, Zip: _____

MOTOROLA INC

AZ DEPT OF WATER RESOURCES
 Information Services Unit
 PO BOX 33589
 PHOENIX AZ 85067-3589

AMT

MOTOROLA INC
 PO BOX 1417
 SCOTTSDALE AZ 85252



Hasler
 096H26502372
 12/03/2008
 Mailed From 85012
\$00.420
 US POSTAGE

NIXIE 050 DE 1 00 12/08/08
 RETURN TO SENDER
 NOT DELIVERABLE
 UNABLE TO FORWARD
 BC: 85067358999 *1394-06515-09-95

852521417 PO BOX 1417 SCOTTSDALE AZ 85252

ARIZONA DEPARTMENT OF WATER RESOURCES
3550 North Central Avenue, Phoenix, Arizona 85012
Telephone 602 771 8500
Fax 602 771-8681



Janet Napolitano
Governor

Herbert R. Guenther
Director

November 26, 2008

MOTOROLA INC
PO BOX 1417
SCOTTSDALE AZ 85252

Dear Sir or Madam:

The Department is contacting you to request your permission to obtain a depth-to-water measurement from your well(s). The purpose of the Department's water level measurement program is to collect groundwater level information that can be used to develop water level maps and databases that support scientific, planning and water management studies throughout the state. According to Department records, you are the owner or lessee of the wells listed on the enclosed postcard.

By signing and returning the enclosed postcard you would be granting permission to trained employees of the Arizona Department of Water Resources to obtain water level measurements from your wells. The Department greatly appreciates your cooperation in granting permission to measure the depth-to-water in your wells and please contact us if you have any questions concerning our request at:

ADWR
3550 N. Central Avenue
Phoenix, AZ 85012
Phone: (602) 771-8627
Fax: (602) 771-1520

or visit the ADWR website to view monitoring information at: www.azwater.gov.

If you are no longer the owner or lessee of the wells listed on the enclosed postcard, please mark the postcard accordingly and include current owner or lessee contact information if known. Please complete and return the self-addressed postage paid postcard at your earliest convenience.

Thank you,

Herb Guenther, Director



MOTOROLA INC.

August 11, 1983

Department of Water Resources
State of Arizona
99 East Virginia
Phoenix, AZ 85004

Re: Wells - Motorola Inc.
GEG Property
8201 East McDowell Road
Scottsdale, AZ 85257

Gentlemen:

In accordance with Section 45-596, Motorola hereby files this Notice of Intention in respect to three (3) exploration/monitoring wells.

The information required pursuant to applicable statutes and rules for issuance of the necessary permits is as follows:

1. Hole and Land Location:
 Hole #1: SE 1/4, NE 1/4, NW 1/4, Section 1, Township 1N, Range 4E, (A-1-4) BAD
 Hole #2: NE 1/4, SE 1/4, NW 1/4, Section 1, Township 1N, Range 4E (A-1-4) 1 BDA1
 Hole #3: NE 1/4, SE 1/4, NW 1/4, Section 1, Township 1N, Range 4E (A-1-4) 1 BDA2
2. Activity Filing Notice:
 Motorola Inc., Government Electronics Group
 8201 East McDowell Road
 Scottsdale, AZ 85257
3. Name of Contact Person:
 Robert Kline
 (602) 949-3222
4. Applicant Is:
 Motorola Inc., Owner
5. Purpose of Wells Drilled Pursuant to This Notice:
 Monitoring Wells 07 "M"
6. Number of Wells in Project:
 Three (3)

MICROFILMED

DO NOT WRITE IN THIS SPACE	
OFFICE RECORD	
FILE NO	A(1-4)1 lead
FILED	8-11-83 BY mw
INPUT	8-25-83 BY
DUPLICATE MAILED	8-25-83 BY mwp
REGISTRATION NO	55-506169
AMA NON EXPANSION AREA	Phoenix

Motorola Inc. Government Electronics Group,
8201 E. McDowell Rd. P.O. Box 1417, Scottsdale, AZ 85252



7. Owner of the Land:
Motorola Inc.
1303 Algonquin Road
Schaumburg, IL 60196

8. Description of the Wells:
Diameter: 48"
Depth: Greater than 100'
Type of Casing: 6" dia., schedule
80 PVC

9. Construction Will Start About:
See attached letter.

10. Is Pump Equipment to be Installed?
Yes
 - a) If so, what will be the design pump capacity?
3 to 5 gallons per minute for each well.
 - b) What use will be made of the water?
Chemical analysis sampling.

11. Driller's Name:
Name: Weber Pump, Inc.
Address: P.O. Box 26729, Tempe, AZ 85282
Dept. License #: 215

12. Proposed Method of Abandonment of Wells:
Abandonment of wells will be in accordance with applicable Arizona statutes and regulations issued by the Department of Water Resources.

This letter is submitted in order to comply with Rule 12-15-809 and the information contained herein is complete and correct to the best of my knowledge and belief.

Very truly yours,

Robert F. Kline
Director
Support Operations Staff

ac

Encl.

MICROFILMED



MOTOROLA INC.

August 11, 1983

Department of Water Resources
State of Arizona
99 East Virginia
Phoenix, AZ 85004

Re. Wells - Motorola Inc.
GEG Property
8201 East McDowell Road
Scottsdale, AZ 85257

Gentlemen:

This letter is submitted in accordance with our conversation of August 4, 1983, regarding the above captioned. The referenced wells will be modified by a licensed driller to conform to applicable statutes and regulations including conformity to the requirement of a 20 foot surface seal.

By submission of another letter, I have made application for the permits for the three (3) wells. Your attention and assistance in this matter is greatly appreciated.

Very truly yours,

Robert F. Kline
Director
Support Operations Staff

ac

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State of Arizona
DEPARTMENT OF WATER RESOURCES

99 E. Virginia Avenue, Phoenix, Arizona 85004



August 25, 1983

BRUCE BABBITT, Governor
WESLEY E. STEINER, Director

R. F. Kline, Director
Motorola, Inc.
P. O. Box 1417
Scottsdale, Arizona 85252

Re: Notice of Intention to Drill Registration Nos. 55-506169,
55-506170, 55-506171

Dear Mr. Kline:

By this special letter we are transmitting documents relating to the drilling of the referenced three wells.

These wells are being approved for drilling as exploration wells for monitoring purposes under the provisions of the Department's Draft Rule R12-15-802. Authority is granted under the conditions which you stated in your letter of August 11, 1983, namely:

1. The wells will be limited to a pump design capacity of 5 gpm on each well.
2. The wells will be properly abandoned in accordance with applicable statutes and Department regulations upon completion of the monitoring project.
3. The referenced wells will be modified by a licensed driller to conform with applicable rules including conformity to the requirement of a 20 foot surface seal.

Our normal procedures would have required that you furnish a Report of Well Driller and a Completion Report simultaneously with the submission of the filing of the Notice of Intention to Drill these exploration wells. In this case, we are processing the notices without that requirement being met. We will expect, however, that you will file the appropriate Logs and Completion Report in the near time frame and the appropriate forms to do this are enclosed as part of the total package.

Sincerely,

Richard A. Gessner
Chief, Operations Division

RAG:et
Enclosures

MICROFILMED

Think Conservation!

Office of Director 255-1554

Administration 255-1550, Water Resources and Flood Control Planning 255-1566, Dam Safety 255-1541,
Flood Warning Office 255-1548, Water Rights Administration 255-1581, Hydrology 255-1586.

DEPARTMENT OF WATER RESOURCES
99 East Virginia
Phoenix, Arizona 85004

Registration No. 55.506169M
Owner of
Well Site MOTOROLA
File No. A(1-4)1bad INPUT

COMPLETION REPORT

9-30-83

1. Completion Report to be filed with the Department within 30 days after installation of pump equipment. *jc*
2. The tested pumping capacity of the well in gallons per minute for a non-flowing well should be determined by measuring the discharge of the pump after continuous operation for at least 4 hours and for a flowing well by measuring the natural flow at the land surface.
3. Drawdown of the water level for a non-flowing well should be measured in feet after not less than 4 hours of continuous operation and while still in operation and for a flowing well the shut-in pressure should be measured in feet above the land or in pounds per square inch at the land surface.
4. The static groundwater level should be measured in feet from the land surface immediately prior to the well capacity test.

LOCATION OF THE WELL

(A-1-4)1bad

Date Well Completed 08-11-83 Depth of Well 116 feet

*1. Well Test:
Test Pumping Capacity 6.7 Date Well Tested 08-18-83
(Gal. per min.)
Method of Discharge Measurement 55-gallon barrel and stop watch
(weir, orifice, current meter, etc.)
Static Groundwater Level 90.78 ft. Drawdown 0.54 ft.
Total Pumping Lift 91.32 ft. Drawdown _____ lbs.
(Flowing Well)

2. Equipment Installed:

Kind of Pump Submersible
(turbine, centrifugal, etc.)

Kind of Power Electric H.P. Rating of Motor 1/3
(Elec., Nat. Gas, Etc.)

I HEREBY CERTIFY that the above statements are true to the best of my knowledge and belief.

*Pump designed for 5 gpm.
Actual discharge 6.7 gpm.

James D. Offer
Signature
MOTOROLA, INC.
Address
4350 E. Camelback Road - 250G
Phoenix, Arizona 85018
City State Zip

9-27, 1983
Date

RECEIVED

SEP 29 1983

MICROFILMED

LITHOLOGIC DESCRIPTION
SOIL TEST BOREHOLE ST-1

(A-1-4)1bad

RECEIVED

SEP 29 1983

WATER RESOURCES

<u>DEPTH</u> (feet)	<u>DESCRIPTION</u>
0 - 5.5	Brown; moist, gravelly, sandy silt; silt 80%, sand 15%, gravel 5%.
5.5 - 10	Light brown; slightly moist, gravelly, sandy silt with caliche; silt 75%, sand 15%, gravel 5%, caliche 5%.
10 - 15	Brown; moist, gravelly, sandy silt with caliche; silt 60%, sand 20%, gravel 10%, caliche 10%. Increase in caliche at 12 feet.
15 - 19.5	Brown; moist, gravelly, silty sand; sand 80%, gravel 10%, silt 10%. No caliche observed below 18 feet.
19.5 - 25	Brown; silty, sandy gravel; gravel 40%, sand 30%, cobbles 20%, silt 10%. Started adding water at 23 feet to stabilize borehole wall.
25 - 30	Brown; silty, sandy gravel; gravel 50%, cobbles 20%, sand 20%, silt 10%.
30 - 35.5	Brown; silty, sandy gravel; gravel 50%, cobbles 20%, sand 20%, silt 10%.
35.5 - 40	Brown; silty, sandy gravel; gravel 50%, cobbles 20%, sand 20%, silt 10%. Boulders at 36, 38, 39.5, and 40 feet.
40 - 45	Brown; silty, sandy gravel; gravel 40%, cobbles 30%, sand 20%, silt 10%. Boulders at 41.8, 43, and 45 feet.
45 - 50	Brown; silty, sandy gravel; gravel 40%, cobbles 30%, sand 20%, silt 10%.
50 - 56	Brown; silty, sandy gravel; gravel 40%, cobbles 30%, sand 20%, silt 10%. Boulders at 52.5 feet.
56 - 60	Brown; silty, sandy gravel; gravel 40%, cobbles 30%, sand 20%, silt 10%. Boulders at 57 feet.
60 - 65	Brown; silty, clayey, sandy gravel; gravel 35%, cobbles 25%, sand 25%, silt and clay 15%.
65 - 70	Brown; silty, clayey, sandy gravel; gravel 30%, cobbles 20%, sand 30%, silt and clay 20%.

MICROFILMED



HARGIS & MONTGOMERY, INC.
TUCSON, ARIZONA

LITHOLOGIC DESCRIPTION
SOIL TEST BOREHOLE ST-1
(A-1-4)1bad

2.

<u>DEPTH (feet)</u>	<u>DESCRIPTION</u>
70 - 75	Brown; silty, clayey, sandy gravel; gravel 30%, cobbles 15%, sand 30%, silt and clay 25%.
75 - 80	Brown; silty, clayey, sandy gravel; gravel 30%, cobbles 25%, sand 25%, silt and clay 20%.
80 - 85	Brown; silty, clayey, sandy gravel; gravel 30%, cobbles 20%, sand 30%, silt and clay 20%.
85 - 91	Brown; silty, clayey, sandy gravel; gravel 30%, cobbles 20%, sand 30%, silt and clay 20%.
91 - 92	Brown; silty, clayey, sandy gravel; gravel 40%, cobbles 15%, sand 30%, silt and clay 15%. Perched water table encountered at 92 feet.
92 - 94	Brown; silty, sandy gravel; gravel 40%, cobbles 15%, sand 35% silt 10%.
94 - 101	Brown; silty, clayey, sandy gravel; gravel 45%, cobbles 5%, sand 40%, silt and clay 10%.
101 - 105	Brown; silty, clayey, sandy gravel; gravel 40%, cobbles 10%, sand 30%, silt and clay 20%.
105 - 110.5	Brown; silty, clayey, gravelly sand; sand 50%, gravel 35%, cobbles 5%, silt and clay 10%.
110.5 - 115.5	Brown; silty, clayey, gravelly sand; sand 50%, gravel 35%, cobbles 5%, silt and clay 10%.
115.5 - 120	Brown; silty, clayey, gravelly sand; sand 50%, gravel 35%, cobbles 5%, silt and clay 10%.
120 - TOTAL DEPTH	

RECEIVED

SEP 29 1983

WATER RESOURCES

MICROFILMED



HARGIS & MONTGOMERY, INC.
TUCSON, ARIZONA

WELL DRILLER REPORT

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

1. Owner MOTOROLA INC., GOVERNMENT ELECTRONICS GROUP
8201 East McDowell Road Scottsdale, Arizona 85257
Name Address

2. Lessee or Operator Motorola Inc., Government Electronics Group
8201 East McDowell Road Scottsdale, Arizona 85257 Attention of: Mr. Robert Kline
Name Address

3. Driller Weber Pump, Inc.
P. O. Box 26729 Tempe, Arizona 85282
Name Address

4. Location of well: (A-1-4)Ibad - Motorola Soil Test Borehole ST-1

5. Permit No. _____
 (if issued) _____

6. Total depth of hole 120 ft.

7. Type of Casing Schedule 80 PVC

8. Diameter and length of casing 6 in. from + 1 ft to 116 ft, _____ in from _____ to _____.

9. Method of sealing at reduction points NA

10. Perforated from 76 to 116, from _____ to _____, from _____ to _____

11. Size of cuts 1/32 inch by 1 inch number of cuts per foot 136

12. If screen was installed: Length 40 ft. Diam 6 in. Type Hydrophilic PVC

13. Method of construction Bucket auger
 drilled, dug, driven, bored, jetted, etc.

14. Date started July 21 1983
Month day year

15. Date completed August 11 1983
Month day year

16. Depth to water 90.78 ft. (If flowing well, so state.)

17. Describe point from which depth measurements were made, and give sea-level elevation if available. Top of 3/4-inch access tube approximately 1,212 feet msl.

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

19. REMARKS: Attachments:
(1) Lithologic log prepared by Hargis & Montgomery, Inc.
(2) Letter from the Arizona Department of Water Resources with variance to substitute concrete mix for cement grout.
(3) Schematic diagram of well construction.

RECEIVED
 SEP 29 1983
 WATER RESOURCES

DO NOT WRITE IN THIS SPACE
 OFFICE RECORD

Registration No. 55-506169m
 Received _____ By _____
 Entered 9-30-83 By de
 File No. A(1-4)Ibad

(Well log to appear on Reverse side)

MICROFILMED

Motorola Inc
 8201 East McDowell Road
 P.O. Box 1417
 Scottsdale, Arizona 85252

STATE OF ARIZONA
 DEPARTMENT OF WATER RESOURCES
 WATER RIGHTS ADMINISTRATION
 99 EAST VIRGINIA
 PHOENIX, ARIZONA 85004

MICROFILMED

RECEIPT

KIND ENTRY	FILE REFERENCE NO.
55	506169
	THRU
55	506171

FUND SOURCE	ACCOUNT NO.			INT. ACCT	ITEM DESCRIPTION	RATE	\$ AMOUNT
	AGENCY	CHAPTER	DIV				
					Filing Fee for Notice of Intent to	10.00	30.00
					Drill an Exempt Well		
					File No: Registration NO;		
					A(1-4)1 bad 55-506169		
					A(1-4)1 bda 55-506170		
					A(1-4)1 bda 55-506171		
					Check # 61508		

REGISTER PAYMENT	
GUESTS	3
CHK NO	61508
55-1	30.00
TAX	0.00
TOTL	30.00
GEN. CHEK	30.00
# 9137 R	11:59

8/24/83

TOTAL

\$ 30.00

HW