

**MONTEREY COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
DRINKING WATER PROTECTION SERVICE**

PRE-APPLICATION FOR AN INDIVIDUAL WATER WELL PERMIT

The purpose of this application form is to determine whether an application for an individual water well can be processed. Completion of this form is not a guarantee of approval.

OWNER: Monterey Co. Water Resources Agency
Mailing Address: 893 Blanco Circle

CONTRACTOR: _____
Mailing Address: _____

City/Town: Salinas, CA Zip: 93901-4455
Phone #: (831)-755-4860

City/Town: _____ Zip: _____
Phone #: _____ C-57 License #: _____

PROPOSED SITE ADDRESS: 11 Reservation Rd., Marina, CA **APN:** 033192002000 **ACRES:** 10

Monterey County Code (MCC) 15.20.060E places certain restrictions for constructing water wells for individual use on lots that are less than 2.5 acres, if the lot is served by a septic tank system for disposal of sewage. This ordinance is based on a Best Public Health Practice to protect groundwater from contamination by preventing a high density of septic systems to water wells in a given area. An implementation protocol has been developed based on MCC 15.20.060E to aid Environmental Health staff to quickly determine whether a water well application can be processed under the provisions of the laws, regulations, and ordinances of the County of Monterey and the State of California. The implementation protocol that this form is based on is available to the public upon request.

Please check the boxes that best describe your lot size and sewage disposal method. In addition, please check the box that best describes the current status of your water system (i.e. a water system is two or more connections).

<input type="checkbox"/> 1. LOT IS GREATER THAN OR EQUAL TO 2.5 ACRES: (Please check only one box in each category below)	
<u>Sewage Disposal Method</u>	<u>Water System Status</u>
<input checked="" type="checkbox"/> Sewage disposal is by means of a public sewage or septic system.	<input checked="" type="checkbox"/> A water system is currently providing or can provide water to the lot.
	<input type="checkbox"/> The water system cannot provide water to the lot.
	<input type="checkbox"/> The lot is not within the service area of a water system.

<input type="checkbox"/> 2. LOT IS LESS THAN 2.5 ACRES: (Please check only one box in each category below)	
<u>Sewage Disposal Method</u>	<u>Water System Status</u>
<input type="checkbox"/> Sewage disposal is by means of a public sewage system.	<input type="checkbox"/> The water system cannot provide water due to factors of water quality or water production issues that are beyond the control of the water system purveyor to correct. <i>(Environmental Health Division staff must verify independently)</i>
<input type="checkbox"/> Sewage disposal is by means of an onsite septic system.	<input type="checkbox"/> The lot was not originally approved with a condition to connect to a water system during the subdivision process.
	<input type="checkbox"/> The water system is capable of providing an active connection to this undeveloped lot.
	<input type="checkbox"/> The lot currently has an active connection to a water system.

Note: Any information that is determined to be incorrect may affect the ability of the Environmental Health Division to process the proposed well application.

I certify that the information provided above is correct to the best of my knowledge.

Owner's Signature: _____ **Date:** _____

**MONTEREY COUNTY HEALTH DEPARTMENT
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**PRE-APPLICATION FOR AN INDIVIDUAL WATER WELL PERMIT
DECISION MATRIX**

OFFICE USE ONLY

Please circle the appropriate decision box in the matrix that summarizes the information provided on the Pre-application Form. The decision box that is circled will indicate whether or not the Water Well Application can be processed under the provisions of the laws, regulations, and ordinances of the County of Monterey and the State of California.):

Decision Matrix For Processing Application for Well Permits		
Characteristics of Property	Water Connection Existing or Available from the Water System	Not within a Water System or a Water Connection Unavailable
Greater than or equal to 2.5 Acres and sewage disposal is by means of a Public Sewage System or Septic System	<i>Process Water Well Permit</i>	<i>Process Water Well Permit</i>
Less than 2.5 Acres and sewage disposal is by means of a Public Sewage System	<i>Process Water Well Permit</i>	<i>Process Water Well Permit</i>
Less than 2.5 Acres and sewage disposal is by means of a Septic System	<i>Do not Process Water Well Permit</i>	<i>Process Water Well Permit</i>

Signature of Reviewing Staff: _____ **Date:** _____

MONTEREY COUNTY HEALTH DEPARTMENT

DIVISION OF ENVIRONMENTAL HEALTH
RESOURCE PROTECTION BRANCH

1270 NATIVIDAD RD., ROOM 109, Salinas, CA 93906
Phone: (831) 755-4507 FAX: (831) 755-8929

APPLICATION TO CONSTRUCT, REPAIR OR ALTER
A WATER WELL, MONITORING WELL OR CATHODIC PROTECTION WELL

OWNER: Monterey County Water Resources Agency
Mailing address: 893 Blanco Cir
City/Town: Salinas, CA Zip 93901-4455
Phone: (831) 755-4860

CONTRACTOR:
Mailing address:
City/Town: Zip:
Phone: C-57 License:

PROPOSED SITE ADDRESS: Reservation Rd, Marina, Monterey County, CA APN:033-192-002-000 ACRES: 10
Construction(x) Repair() Alteration() If Repair/Alteration, please describe: N/A

Intended Use: Agricultural Irrigation() Residential Irrigation() Domestic/Single Connection()
Domestic/Multiple Connection(): # of connections Name of system
Geothermal() Cathodic Protection() Monitoring(x) Industrial() Stock()
Other GPM needed:

Special Zones: Monterey County Water Resources Agency: 2A-Salinas Valley(x) 6-Saltwater Intrusion()
Coastal (x) Monterey Peninsula WMD() Pajaro Valley WMD() Consultation Zone:

Total number of wells on property: 0 Number of wells in use? N/A Inactive? N/A Abandoned? N/A
Distance to nearest: Property line 160 ft. Leach line ft. Seepage pit ft. Septic tank ft.
Sewer lines, mains, or laterals ft. Existing well 60 ft Animal enclosure ft.

Estimated Work: Start 8/1/2011 Finish 12/31/2011 Receive Permit: By Mail(x) Pick Up()

A map containing the following information must accompany this application: Written directions to the
proposed site; nearest crossroad; arrow indicating north; property lines; distance from proposed well to
property lines; location of other wells on property; location of septic tanks, seepage pits and leach lines on
property and within 150 feet of the property line. If an inadequate map is provided and a second well site
field visit is required, a charge at the current hourly rate may be required for the additional site visit.
Flag the precise site location of the proposed well with a surveyor's stake with the words "Proposed Well."

PROPOSED DESIGN/CONSTRUCTION FEATURES:

Type of well construction: Mud Rotary() Reverse Rotary() Air Rotary() Cable Tool() Other(x) Sonic
Bore hole depth 50-100 ft. Bore hole diameter 10.5 in. Seal width in.
Conductor casing: To be installed? no If yes: Length in. Diameter in. Thickness in.
Production casing: Standard or line pipe() Structural steel() Thermoplastics(x) Thermoset plastic()
Diameter 4 in. Single() Double() Type of joint glued collar
Logging to be used: Electric() Caliper() Fluid movement() Geologic() Other
Proposed seals: Material Volume Length Location
Bentonite Cement TBD cu. yds. TBD ft. TBD to TBD ft.
Proposed location of perforations or screens: 50 to 100 ft. to ft. to ft.
Concrete pump base: N/A Length in. Width in. Thickness in.
Method of disinfecting gravel-pack and completed well: N/A
Pump: N/A Deep well turbine() Submersible() Jet() Centrifugal() Airlift() Piston() HP
Type of seal, if top mounted pump: Pump head-based gasket() Pump base-casing rim gasket() Well cap()

I hereby agree to comply with all conditions, laws and regulations of the County of Monterey and the State
of California pertaining to well construction. I understand approval of a well permit does not indicate
whether this property is suitable for an individual sewage disposal system or that a permit to install such a
system is granted. I understand fees submitted with this application are non-refundable.

SIGNATURE OF PROPERTY OWNER SIGNATURE OF CONTRACTOR
X Date X Date

OFFICE USE ONLY
Date Time Receipt # Amount \$ Violations? , see attached()
H.D. Approval W.A. Approval CA Well # or Location Coordinates
Site Inspection: Date EHS Construction Inspection: Date EHS
Seal Inspection(s): Date EHS Date EHS Date EHS
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Special Conditions:
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Permit # Invoice #

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PROPOSED DESIGN/CONSTRUCTION FEATURES:

Type of well construction: Mud Rotary() Reverse Rotary() Air Rotary() Cable Tool() Other(x) Sonic
Bore hole depth 180-230 ft. Bore hole diameter 10.5 in. Seal width in.
Conductor casing: To be installed? no If yes: Length in. Diameter in. Thickness in.
Production casing: Standard or line pipe() Structural steel() Thermoplastics(x) Thermoset plastic()
Diameter 4 in. Single() Double() Type of joint glued collar
Logging to be used: Electric() Caliper() Fluid movement() Geologic() Other
Proposed seals: Material Volume Length Location
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Permit # Invoice #

MONTEREY COUNTY HEALTH DEPARTMENT

DIVISION OF ENVIRONMENTAL HEALTH
RESOURCE PROTECTION BRANCH

1270 NATIVIDAD RD., ROOM 109, Salinas, CA 93906
Phone: (831) 755-4507 FAX: (831) 755-8929

APPLICATION TO CONSTRUCT, REPAIR OR ALTER
A WATER WELL, MONITORING WELL OR CATHODIC PROTECTION WELL

OWNER: Monterey County Water Resources Agency
Mailing address: 893 Blanco Cir
City/Town: Salinas, CA Zip 93901-4455
Phone: (831) 755-4860

CONTRACTOR:
Mailing address:
City/Town: Zip:
Phone: C-57 License:

PROPOSED SITE ADDRESS: Reservation Rd, Marina, Monterey County, CA APN:033-192-002-000 ACRES: 10
Construction(x) Repair() Alteration() If Repair/Alteration, please describe: N/A

Intended Use: Agricultural Irrigation() Residential Irrigation() Domestic/Single Connection()
Domestic/Multiple Connection(): # of connections Name of system
Geothermal() Cathodic Protection() Monitoring(x) Industrial() Stock()
Other GPM needed:

Special Zones: Monterey County Water Resources Agency: 2A-Salinas Valley(x) 6-Saltwater Intrusion()
Coastal (x) Monterey Peninsula WMD() Pajaro Valley WMD() Consultation Zone:

Total number of wells on property: 0 Number of wells in use? N/A Inactive? N/A Abandoned? N/A
Distance to nearest: Property line 15 ft. Leach line ft. Seepage pit ft. Septic tank ft.
Sewer lines, mains, or laterals ft. Existing well 150 ft Animal enclosure ft.

Estimated Work: Start 8/1/2011 Finish 12/31/2011 Receive Permit: By Mail(x) Pick Up()

A map containing the following information must accompany this application: Written directions to the proposed site; nearest crossroad; arrow indicating north; property lines; distance from proposed well to property lines; location of other wells on property; location of septic tanks, seepage pits and leach lines on property and within 150 feet of the property line. If an inadequate map is provided and a second well site field visit is required, a charge at the current hourly rate may be required for the additional site visit. Flag the precise site location of the proposed well with a surveyor's stake with the words "Proposed Well."

PROPOSED DESIGN/CONSTRUCTION FEATURES:
Type of well construction: Mud Rotary() Reverse Rotary() Air Rotary() Cable Tool() Other(x) Sonic
Bore hole depth 50-100 ft. Bore hole diameter 10.5 in. Seal width in.
Conductor casing: To be installed? No If yes: Length in. Diameter in. Thickness in.
Production casing: Standard or line pipe() Structural steel() Thermoplastics(x) Thermoset plastic()
Diameter 4 in. Single() Double() Type of joint Glued collar
Logging to be used: Electric () Caliper() Fluid movement() Geologic() Other
Proposed seals: Material Volume Length Location
Bentonite Cement TBD cu. yds. TBD ft. TBD to TBD ft.
Proposed location of perforations or screens: 50 to 100 ft. to ft. to ft.
Concrete pump base: N/A Length in. Width in. Thickness in.
Method of disinfecting gravel-pack and completed well: N/A
Pump: N/A Deep well turbine() Submersible() Jet() Centrifugal() Airlift() Piston() HP
Type of seal, if top mounted pump: Pump head-based gasket() Pump base-casing rim gasket() Well cap()

I hereby agree to comply with all conditions, laws and regulations of the County of Monterey and the State of California pertaining to well construction. I understand approval of a well permit does not indicate whether this property is suitable for an individual sewage disposal system or that a permit to install such a system is granted. I understand fees submitted with this application are non-refundable.

SIGNATURE OF PROPERTY OWNER SIGNATURE OF CONTRACTOR
X Date X Date

OFFICE USE ONLY
Date Time Receipt # Amount \$ Violations? , see attached()
H.D. Approval W.A. Approval CA Well # or Location Coordinates
Site Inspection: Date EHS Construction Inspection: Date EHS
Seal Inspection(s): Date EHS Date EHS Date EHS
Final Inspection: Date EHS GPS Coordinates: Date EHS
Conditions: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
Special Conditions:
Comments: Permit # Invoice #

**APPLICATION TO CONSTRUCT, REPAIR OR ALTER
A WATER WELL, MONITORING WELL OR CATHODIC PROTECTION WELL**

OWNER: Monterey County Water Resources Agency
Mailing address: 893 Blanco Cir
City/Town: Salinas, CA Zip 93901-4455
Phone: (831) 755-4860

CONTRACTOR:
Mailing address:
City/Town: Zip:
Phone: C-57 License:

PROPOSED SITE ADDRESS: Reservation Rd, Marina, Monterey County, CA **APN:** 033-192-002-000 **ACRES:** 10
Construction(x) Repair() Alteration() If Repair/Alteration, please describe: N/A

Intended Use: Agricultural Irrigation() Residential Irrigation() Domestic/Single Connection()
Domestic/Multiple Connection(): # of connections Name of system
Geothermal() Cathodic Protection() Monitoring(x) Industrial() Stock()
Other GPM needed:

Special Zones: Monterey County Water Resources Agency: 2A-Salinas Valley(X) 6-Saltwater Intrusion()
Coastal (x) Monterey Peninsula WMD() Pajaro Valley WMD() Consultation Zone:

Total number of wells on property: 0 Number of wells in use? N/A Inactive? N/A Abandoned? N/A
Distance to nearest: Property line 15 ft. Leach line ft. Seepage pit ft. Septic tank ft.
Sewer lines, mains, or laterals ft. Existing well 150 ft Animal enclosure ft.

Estimated Work: Start 8/1/2011 Finish 12/31/2011 **Receive Permit:** By Mail(x) Pick Up()

A map containing the following information must accompany this application: Written directions to the proposed site; nearest crossroad; arrow indicating north; property lines; distance from proposed well to property lines; location of other wells on property; location of septic tanks, seepage pits and leach lines on property and within 150 feet of the property line. If an inadequate map is provided and a second well site field visit is required, a charge at the current hourly rate may be required for the additional site visit. Flag the precise site location of the proposed well with a surveyor's stake with the words "Proposed Well."

PROPOSED DESIGN/CONSTRUCTION FEATURES:

Type of well construction: Mud Rotary() Reverse Rotary() Air Rotary() Cable Tool() Other(x) Sonic
Bore hole depth 100-150 ft. Bore hole diameter 10.5 in. Seal width in.

Conductor casing: To be installed? No If yes: Length in. Diameter in. Thickness in.

Production casing: Standard or line pipe() Structural steel() Thermoplastics(x) Thermoset plastic()
Diameter 4 in. Single() Double() Type of joint Glued collar

Logging to be used: Electric() Caliper() Fluid movement() Geologic() Other

Proposed seals: Material Volume Length Location
Bentonite Cement TBD cu. yds. TBD ft. TBD to TBD ft.

Proposed location of perforations or screens: 100 to 150 ft. to ft. to ft.

Concrete pump base: N/A Length in. Width in. Thickness in.

Method of disinfecting gravel-pack and completed well: N/A

Pump: N/A Deep well turbine() Submersible() Jet() Centrifugal() Airlift() Piston() HP

Type of seal, if top mounted pump: Pump head-based gasket() Pump base-casing rim gasket() Well cap()

I hereby agree to comply with all conditions, laws and regulations of the County of Monterey and the State of California pertaining to well construction. I understand approval of a well permit does not indicate whether this property is suitable for an individual sewage disposal system or that a permit to install such a system is granted. I understand fees submitted with this application are non-refundable.

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X Date X Date

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MONTEREY COUNTY HEALTH DEPARTMENT

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RESOURCE PROTECTION BRANCH

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OWNER: Monterey County Water Resources Agency
Mailing address: 893 Blanco Cir
City/Town: Salinas, CA Zip 93901-4455
Phone: (831) 755-4860

CONTRACTOR:
Mailing address:
City/Town: Zip:
Phone: C-57 License:

PROPOSED SITE ADDRESS: Reservation Rd, Marina, Monterey County, CA APN:033-192-002-000 ACRES: 10
Construction(x) Repair() Alteration() If Repair/Alteration, please describe: N/A

Intended Use: Agricultural Irrigation() Residential Irrigation() Domestic/Single Connection()
Domestic/Multiple Connection(): # of connections Name of system
Geothermal() Cathodic Protection() Monitoring(x) Industrial() Stock()
Other GPM needed:

Special Zones: Monterey County Water Resources Agency: 2A-Salinas Valley(x) 6-Saltwater Intrusion()
Coastal (x) Monterey Peninsula WMD() Pajaro Valley WMD() Consultation Zone:

Total number of wells on property: 0 Number of wells in use? N/A Inactive? N/A Abandoned? N/A
Distance to nearest: Property line 15 ft. Leach line ft. Seepage pit ft. Septic tank ft.
Sewer lines, mains, or laterals ft. Existing well 150 ft Animal enclosure ft.

Estimated Work: Start 8/1/2011 Finish 12/31/2011 Receive Permit: By Mail(x) Pick Up()

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PROPOSED DESIGN/CONSTRUCTION FEATURES:

Type of well construction: Mud Rotary() Reverse Rotary() Air Rotary() Cable Tool() Other(x) Sonic
Bore hole depth 180-230 ft. Bore hole diameter 10.5 in. Seal width in.
Conductor casing: To be installed? No If yes: Length in. Diameter in. Thickness in.
Production casing: Standard or line pipe() Structural steel() Thermoplastics(x) Thermoset plastic()
Diameter 4 in. Single() Double() Type of joint Glued collar
Logging to be used: Electric () Caliper() Fluid movement() Geologic() Other
Proposed seals: Material Volume Length Location
Bentonite Cement TBD cu. yds. TBD ft. TBD to TBD ft.
Proposed location of perforations or screens: 180 to 230 ft. to ft. to ft.
Concrete pump base:N/A Length in. Width in. Thickness in.
Method of disinfecting gravel-pack and completed well: N/A
Pump:N/A Deep well turbine() Submersible() Jet() Centrifugal() Airlift() Piston() HP
Type of seal, if top mounted pump: Pump head-based gasket() Pump base-casing rim gasket() Well cap()

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Construction(x) Repair() Alteration() If Repair/Alteration, please describe: N/A

Intended Use: Agricultural Irrigation() Residential Irrigation() Domestic/Single Connection()
Domestic/Multiple Connection(): # of connections Name of system
Geothermal() Cathodic Protection() Monitoring(x) Industrial() Stock()
Other GPM needed:

Special Zones: Monterey County Water Resources Agency: 2A-Salinas Valley(x) 6-Saltwater Intrusion()
Coastal (x) Monterey Peninsula WMD() Pajaro Valley WMD() Consultation Zone:

Total number of wells on property: 0 Number of wells in use? N/A Inactive? N/A Abandoned? N/A
Distance to nearest: Property line 80 ft. Leach line ft. Seepage pit ft. Septic tank ft.
Sewer lines, mains, or laterals ft. Existing well 30 ft Animal enclosure ft.

Estimated Work: Start 8/1/2011 Finish 12/31/2011 Receive Permit: By Mail(x) Pick Up()

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PROPOSED DESIGN/CONSTRUCTION FEATURES:

Type of well construction: Mud Rotary() Reverse Rotary() Air Rotary() Cable Tool() Other(x) Sonic
Bore hole depth 50-100 ft. Bore hole diameter 10.5 in. Seal width in.
Conductor casing: To be installed? No If yes: Length in. Diameter in. Thickness in.
Production casing: Standard or line pipe() Structural steel() Thermoplastics(x) Thermoset plastic()
Diameter 4 in. Single() Double() Type of joint Glued collar
Logging to be used: Electric () Caliper() Fluid movement() Geologic() Other
Proposed seals: Material Volume Length Location
Bentonite Cement TBD cu. yds. TBD ft. TBD to TBD ft.
Proposed location of perforations or screens: 50 to 100 ft. to to ft. to to ft.
Concrete pump base: N/A Length in. Width in. Thickness in.
Method of disinfecting gravel-pack and completed well: N/A
Pump: N/A Deep well turbine() Submersible() Jet() Centrifugal() Airlift() Piston() HP
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Domestic/Multiple Connection(): # of connections Name of system
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Distance to nearest: Property line 80 ft. Leach line ft. Seepage pit ft. Septic tank ft.
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PROPOSED DESIGN/CONSTRUCTION FEATURES:

Type of well construction: Mud Rotary() Reverse Rotary() Air Rotary() Cable Tool() Other(x) Sonic
Bore hole depth 100-150 ft. Bore hole diameter 10.5 in. Seal width in.
Conductor casing: To be installed? No If yes: Length in. Diameter in. Thickness in.
Production casing: Standard or line pipe() Structural steel() Thermoplastics(x) Thermoset plastic()
Diameter 4 in. Single() Double() Type of joint Glued collar
Logging to be used: Electric() Caliper() Fluid movement() Geologic() Other
Proposed seals: Material Volume Length Location
Bentonite Cement TBD cu. yds. TBD ft. TBD to TBD ft.
Proposed location of perforations or screens: 100 to 150 ft. to ft. to ft.
Concrete pump base: N/A Length in. Width in. Thickness in.
Method of disinfecting gravel-pack and completed well: N/A
Pump: N/A Deep well turbine() Submersible() Jet() Centrifugal() Airlift() Piston() HP
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CONTRACTOR:
Mailing address:
City/Town: Zip:
Phone: C-57 License:

PROPOSED SITE ADDRESS: Reservation Rd, Marina, Monterey County, CA APN:033-192-002-000 ACRES: 10
Construction(x) Repair() Alteration() If Repair/Alteration, please describe: N/A

Intended Use: Agricultural Irrigation() Residential Irrigation() Domestic/Single Connection()
Domestic/Multiple Connection(): # of connections Name of system
Geothermal() Cathodic Protection() Monitoring(x) Industrial() Stock()
Other GPM needed:

Special Zones: Monterey County Water Resources Agency: 2A-Salinas Valley(x) 6-Saltwater Intrusion()
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Total number of wells on property: 0 Number of wells in use? N/A Inactive? N/A Abandoned? N/A
Distance to nearest: Property line 80 ft. Leach line ft. Seepage pit ft. Septic tank ft.
Sewer lines, mains, or laterals ft. Existing well 30 ft Animal enclosure ft.

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PROPOSED DESIGN/CONSTRUCTION FEATURES:

Type of well construction: Mud Rotary() Reverse Rotary() Air Rotary() Cable Tool() Other(x) Sonic
Bore hole depth 180-230 ft. Bore hole diameter 10.5 in. Seal width in.
Conductor casing: To be installed? No If yes: Length in. Diameter in. Thickness in.
Production casing: Standard or line pipe() Structural steel() Thermoplastics(x) Thermoset plastic()
Diameter 4 in. Single() Double() Type of joint Glued collar
Logging to be used: Electric () Caliper() Fluid movement() Geologic() Other
Proposed seals: Material Volume Length Location
Bentonite Cement TBD cu. yds. TBD ft. TBD to TBD ft.
Proposed location of perforations or screens: 180 to 230 ft. to ft. to ft.
Concrete pump base: N/A Length in. Width in. Thickness in.
Method of disinfecting gravel-pack and completed well: N/A
Pump: N/A Deep well turbine() Submersible() Jet() Centrifugal() Airlift() Piston() HP
Type of seal, if top mounted pump: Pump head-based gasket() Pump base-casing rim gasket() Well cap()

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Phone: (831) 755-4860

CONTRACTOR:
Mailing address:
City/Town: Zip:
Phone: C-57 License:

PROPOSED SITE ADDRESS: 11 Reservation Rd, Marina, Monterey County, CA APN:033-192-002-000 ACRES: 10
Construction(x) Repair() Alteration() If Repair/Alteration, please describe: N/A

Intended Use: Agricultural Irrigation() Residential Irrigation() Domestic/Single Connection()
Domestic/Multiple Connection(): # of connections Name of system
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Other GPM needed:

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Sewer lines, mains, or laterals ft. Existing well 30 ft Animal enclosure ft.

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PROPOSED DESIGN/CONSTRUCTION FEATURES:

Type of well construction: Mud Rotary() Reverse Rotary() Air Rotary() Cable Tool() Other(x) Sonic
Bore hole depth 400-450 ft. Bore hole diameter 10.5 in. Seal width in.
Conductor casing: To be installed? No If yes: Length in. Diameter in. Thickness in.
Production casing: Standard or line pipe() Structural steel() Thermoplastics(x) Thermoset plastic()
Diameter 4 in. Single() Double() Type of joint Glued collar
Logging to be used: Electric () Caliper() Fluid movement(X) Geologic() Other Dual induction, gamma ray, temp
Proposed seals: Material Volume Length Location
Bentonite Cement TBD cu. yds. TBD ft. TBD to TBD ft.
Proposed location of perforations or screens: 400 to 450 ft. to ft. to ft.
Concrete pump base: N/A Length in. Width in. Thickness in.
Method of disinfecting gravel-pack and completed well: N/A
Pump: Deep well turbine() Submersible() Jet() Centrifugal() Airlift() Piston() HP
Type of seal, if top mounted pump: Pump head-based gasket() Pump base-casing rim gasket() Well cap()

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