

March 7, 2023

C.U.P. 23-11 Preliminary/Final Plat - South Ranch Subdivision - Narrative:

The applicant is requesting that the South Ranch Subdivision be proceed as a Preliminary/Final Plat Application.

South Ranch Subdivision Description

The South Ranch Subdivision consists of two (2) Lots. The proposed overall objective of the South Ranch subdivision project is to provide for two residential (2) lots. The proposed South Ranch Subdivision lot's 1 and 2 have buyers identified. The South Ranch Subdivision will consist of construction of a standard private road with a fire turn around that will be built to Valley County, Donnelly Fire District standards with utilities installed. Discussions has taken place with the Donnelly Fire District on fire requirements.

There will be no HOA or CC&R's for the proposed subdivision. The Wildland Urban Interface Fire Protection Plan is in the process of being prepared and will be submitted before staff comments and the planning and zoning preliminary plat hearing.

Final Engineering for the Road Plan is underway and will be submitted to the Valley County Engineer for review and approval.

CDHD application has been submitted and staff has been on the site. Proposed septic systems have been identified for the project. Septic Engineering Report is being prepared for the final designated septic systems.

Valley County Planning and Zoning Department

219 N. Main
PO Box 1350
Cascade, ID 83611
www.co.valley.id.us
cherrick@co.valley.id.us
208-382-7115



C.U.P. & Preliminary Plat Application

TO BE COMPLETED BY THE PLANNING AND ZONING DEPARTMENT		<input checked="" type="checkbox"/> Check # <u>1163</u> or <input type="checkbox"/> Cash
FILE # <u>C.U.P. 23-11</u>		FEE \$ <u>600-</u>
ACCEPTED BY _____		DEPOSIT <u>1000-</u>
CROSS REFERENCE FILE(S): _____		DATE <u>2-28-2023</u>
<input type="checkbox"/> ADMINISTRATIVE PLAT	COMMENTS: _____	
<input type="checkbox"/> SHORT PLAT	_____	
<input type="checkbox"/> FULL PLAT	_____	

When an application has been submitted, it will be reviewed in order to determine compliance with application requirements. A hearing date will be scheduled only after an application has been accepted as complete.

Applicant's Signature: _____ Date: 02/27/23

The following must be completed and submitted with the conditional use permit application:

- ☐ A preliminary plat containing all of the necessary requirements according to the Valley County Subdivision Regulations.
- ☐ A phasing plan and construction timeline.
- ☐ One 8½ x 11" – 300 scale drawing of the proposed subdivision showing only the street names and lots.
- ☐ A plot plan, drawn to scale, showing existing utilities, streets, easements, ditches, and buildings.
- ☐ A landscaping plan, drawn to scale, showing elements such as trees, shrubs, ground covers, and vines. Include a plant list, indicating the size, quantity, location, and name (both botanical and common) of all plant material to be used.
- ☐ A site grading plan clearly showing the existing site topography and detailing the best management practices for surface water management, siltation, sedimentation, and blowing of dirt and debris caused by grading, excavation, open cuts, side slopes, and other site preparation and development.
- ☐ A lighting plan.
- ☐ A Wildfire Mitigation Plan.
- ☐ Names and mailing addresses of property owners within 300 feet of the property boundary. Information can be obtained through the Valley County GIS maps. Only one list is required.
- ☐ Ten (10) copies of the application and additional materials are required.

We recommend you review Title 9 and Title 10 of the Valley County Code online at
www.co.valley.id.us/planning-zoning or
at the Planning and Zoning Office, 219 North Main, Cascade, Idaho.
Subject to Idaho Statute 55-22 Underground Facilities Damage Prevention.

CONTACT INFORMATION

PROPOSED SUBDIVISION NAME: South Ranch

APPLICANT Tommy Ahiquist **PHONE** [REDACTED]
Owner ☒ Option Holder ☐ Contract Holder ☐

MAILING ADDRESS 2275 West Navigator Drive – Suite 220, Meridian, Idaho **ZIP** 83642

EMAIL [REDACTED]

PROPERTY OWNER AB West Mountain Holdings, LLC.
(if not the applicant)

MAILING ADDRESS 2275 West Navigator Drive – Suite 220, Meridian, Idaho **ZIP** 83642

EMAIL [REDACTED]

Nature of Owner's Interest in this Development? Land Development Subdivision – Two (2) Lot - Phase

AGENT / REPRESENTATIVE James Fronk Consulting, LLC. **PHONE** [REDACTED]

MAILING ADDRESS P.O. Box 576, McCall, Idaho **ZIP** 83638

EMAIL [REDACTED]

ENGINEER ABCO Engineering

MAILING ADDRESS 119 Midland Blvd. Nampa, Idaho **ZIP** 83651

EMAIL [REDACTED] **PHONE** [REDACTED]

SURVEYOR Dunn Land Surveys, Inc.

MAILING ADDRESS 25 Coyote Trail, Cascade, Idaho **ZIP** 83611

EMAIL [REDACTED] **PHONE** [REDACTED]

PROPERTY INFORMATION

1. **SIZE OF PROPERTY** 26.177 Acres
2. **AMOUNT OF ACREAGE OF ADJACENT LAND HELD BY THIS OWNER** 261.0 Acres
3. **ANY RESTRICTIONS ON THIS PROPERTY? Must show all easements on plat.**
Easements None - See Preliminary Plat for proposed easements.
Deed Restrictions None
Liens or encumbrances None
4. **LEGAL DESCRIPTION** A Portion of Amended Tax No. 16 in a Portion of Section 12 T.17N., R2E., B.M., Valley County, Idaho.
5. **TAX PARCEL NUMBER(S)** RP17N02E120635
Quarter _____ Section 12 Township T.17N. Range R.2E

6. EXISTING LAND USES AND STRUCTURES ON THE PROPERTY:

Existing Land Use - Cattle Grazing. No structures.

7. ARE THERE ANY KNOWN HAZARDS ON OR NEAR THE PROPERTY (such as canals, hazardous material spills, soil or water contamination)? If so, describe and give location: No

8. ADJACENT PROPERTIES HAVE THE FOLLOWING BUILDING TYPES AND/OR USES:

North Ranch Buildings, Agriculture - Cattle Grazing.

South Cattle Grazing.

East Cattle Grazing.

West Productivity Forest.

9a. TYPE OF TERRAIN: Mountainous ☐ Rolling ☒ Flat ☒ Timbered ☒

9b. DOES ANY PORTION OF THIS PARCEL HAVE SLOPES IN EXCESS OF 15%? Yes ☒ No ☐

9c. DESCRIBE ANY SIGNIFICANT NATURAL RESOURCES SUCH AS ROCK OUTCROPPING, MARSHES, WOODED AREAS: None.

10a. WATER COURSE: Irrigation Ditch - Not associated with proposed Preliminary Plat,

10b. IS ANY PORTION OF THE PROPERTY LOCATED IN A FLOODWAY OR 100-YR FLOODPLAIN? (Information can be obtained from the Planning & Zoning Office) Yes ☐ No ☒

10c. ARE THERE WETLANDS LOCATED ON ANY PORTION OF THE PROPERTY? Yes ☐ No ☒

10d. WILL ANY PART OF THE PROPERTY BE SUBJECT TO INUNDATION FROM STORMWATER OVERFLOW OR SPRING MELTING RUN-OFF? No

11a. NUMBER OF EXISTING ROADS: None Width Public ☐ Private ☐

Are the existing road surfaces paved or graveled? Gravel ☐ Paved ☐

11b. NUMBER OF PROPOSED ROADS: One Proposed width: 24 ft.

Will the proposed roads be Public ☐ Private ☒

Proposed road construction: Gravel ☒ Paved ☐

12a. EXISTING UTILITIES ON THE PROPERTY ARE AS FOLLOWS: None.

12b. PROPOSED UTILITIES: Power, Phone and Fiber conduit.

Proposed utility easement width 12 ft. Locations: Located on the east side of 70 ft. Right of Way.

13. SOLID WASTE DISPOSAL METHOD: Individual Septic ☒ Central Sewage Treatment Facility ☐

14. POTABLE WATER SOURCE: Public ☐ Water Association ☐ Individual ☒

If individual, has a test well been drilled? Yes Depth 120 Flow 24 gpm Purity Verified? Yes
Nearest adjacent well North - 1000 ft. Depth 112 Flow 8 gpm

15. ARE THERE ANY EXISTING IRRIGATION SYSTEMS? Yes ☐ No ☒

Are you proposing any alterations, improvements, extensions or new construction? Yes ☐ No ☒

If yes, explain:

16. DRAINAGE (Proposed method of on-site retention): Retention road swales.

Any special drains? No (Please attach map)

Soil type(s): Donnel sandy loam 0-2%

(Information can be obtained from the Natural Resource Conservation Service: websoilsurvey.nrcs.usda.gov)

17. WILL STREETS AND OTHER REQUIRED IMPROVEMENTS BE CONSTRUCTED PRIOR TO THE RECORDING OF THE FINAL PLAT? Yes

If not, indicate the type of surety that will be put up to ensure the construction of the improvements within one (1) year from the date of filing the plat: _____

16. OUTLINE OF PROPOSED RESTRICTIVE COVENANTS: NA

Setbacks: Front _____ feet Sides _____ feet Rear _____ feet

Mobile homes allowed? Yes ☐ No ☐

Minimum construction value _____ Minimum square footage _____

Completion of construction required within _____ Days ☐ Months ☐ Years ☐

Resubdivision permitted? Yes ☒ No ☐

Other _____

17. LAND PROGRAM:

Open Areas and/or Common Areas Yes ☐ No ☒

Acreage in subdivision 10.0 Number of lots in subdivision Two (2)

Typical width and depth of lots 476 ft. lot width - 905 ft. lot depth

Typical lot area 10.0 ac. Minimum lot area 9.476 ac. Maximum lot area 10.552 ac.

Lineal footage of streets 1225 lf. Average street length per lot 476 ft.

Percentage of area in streets 8.5 %

Dedicating road right-of-way to Valley County? Yes ☒ No ☐

Percentage of area of development to be public (including easements) 15.0 %

Maximum street gradient 1.0 %

Is subdivision to be completely developed at one time? Yes ☒ No ☐

18. COMPLETE ATTACHED PLAN FOR IRRIGATION if you have water rights &/or are in an irrigation district.
Submit letter from Irrigation District, if applicable. NA

19. COMPLETE ATTACHED WEED CONTROL AGREEMENT.

20. COMPLETE ATTACHED IMPACT REPORT. It must address potential environmental, economic, and social impacts and how these impacts are to be minimized.

Irrigation Plan

(Idaho Code 31-3805)

This land: ☐ Has water rights available to it
☒ Is dry and has no water rights available to it.

Idaho Code 31-3805 states that when all or part of a subdivision is "located within the boundaries of an existing irrigation district or canal company, ditch association, or like irrigation water deliver entity ... **no subdivision plat or amendment to a subdivision plat or any other plat or map recognized by the city or county for the division of land will be accepted, approved, and recorded unless:**"

- A. The appropriate water rights and assessment of those water rights have been transferred from said lands or excluded from an irrigation entity by the owner; or
- B. The owner filing the subdivision plat or amendment to a subdivision plat or map has provided for the division of land of underground tile or conduit for lots of one acre or less or a suitable system for lots of more than one acre which will deliver water to those landowners within the subdivision who are also within the irrigation entity with the appropriate approvals:
1. For proposed subdivisions located within an area of city impact, both city and county zoning authorities must approve such irrigation system.
 2. For proposed subdivisions outside of negotiated areas of city impact, the delivery system must be approved by the Planning and Zoning Commission and the Board of County Commissioners with the advice of the irrigation entity charged with the delivery of water to said lands (e.g., irrigation district).

To better understand your irrigation request, we need to ask you a few questions. Additional pages can be added. A list of the map requirements follows the short questionnaire. **Any missing information may result in the delay of your request before the Planning and Zoning Commission and ultimately the approval of your irrigation plan by the Board of County Commissioners as part of final plat approval.**

1. Are you within an area of negotiated City Impact? ☐ Yes ☒ No
2. What is the name of the irrigation district/company and drainage entities servicing the property? NA
Irrigation: _____
Drainage: _____
3. How many acres is the property being subdivided? 26.177
4. What percentage of this property has water? None
5. How many inches of water are available to the property? NA
6. How is the land currently irrigated? not ☐ surface ☐ sprinkler ☐ irrigation well
☐ above ground pipe ☐ underground pipe
7. How is the land to be irrigated after it is subdivided? ☐ surface ☐ sprinkler ☒ irrigation well
☐ above ground pipe ☐ underground pipe
8. Describe how the head gate/pump connects to the canal and irrigated land and where ditches &/or pipes go.
NA
9. Is there an irrigation easement(s) on the property? ☒ Yes ☐ No To be dedicted.

10. How do you plan to retain storm and excess water on each lot? Drainage swale.

11. How do you plan to process this storm water and/or excess irrigation water prior to it entering the established drainage system? (i.e. oil, grease, contaminated aggregates)
NA

Irrigation Plan Map Requirements

The irrigation plan **must be on a scalable map** and show all of the irrigation system including all supply and drainage structures and easements. Please include the following information on your map:

- ☐ All canals, ditches, and laterals with their respective names.
- ☐ Head gate location and/or point of delivery of water to the property by the irrigation entity.
- ☐ Pipe location and sizes, if any
- ☐ Rise locations and types, if any.
- ☐ Easements of all private ditches that supply adjacent properties (i.e. supply ditches and drainage ways).
- ☐ Slope of the property in various locations.
- ☐ Direction of water flow (use short arrows on your map to indicate water flow direction →).
- ☐ Direction of wastewater flow (use long arrows on your map to indicate wastewater direction —→).
- ☐ Location of drainage ponds or swales, if any where wastewater will be retained on property
- ☒ Other information: Small area of residential lawn area 0.25 ac. from domestic residential wells.
The rest of properties to non irrigated.

Also, provide the following documentation: NA

- ☐ Legal description of the property.
- ☐ Proof of ownership.
- ☐ A written response from the irrigation entity and/or proof of agency notification.
- ☐ Copy of any water users' association agreement which shows water schedules and maintenance responsibilities.
- ☐ Copy of all new easements ready for recording (irrigation supply and drainage).
- ☐ If you are in a city area of impact, please include a copy of the approvals by the city planning and zoning commission and city council of your irrigation plan.

=====Applicant Acknowledgement=====

I, the undersigned, agree that prior to the Planning and Zoning Department accepting this application, I am responsible to have all the required information and site plans.

I further acknowledge that the irrigation system, as approved by the Planning and Zoning Commission and ultimately the Board of County Commissioners, must be **bonded** and/or **installed** prior to the recording of the plat or building permit.

Signed: 
Applicant

Date: 02 / 27 / 23



VALLEY COUNTY

WEED CONTROL AGREEMENT

The purpose of this agreement is to establish a cooperative relationship between Valley County and the undersigned Cooperator to protect the natural and economic values in the Upper Payette River watershed from damages related to the invasion and expansion of infestations of noxious weeds and invasive plants. This is a cooperative effort to prevent, eradicate, contain and control noxious weeds and invasive plants on public and private lands in this area. Factors related to the spread of weeds are not related to ownership nor controllable at agency boundaries. This agreement formalizes the cooperative strategy for management of these weeds addressed in Valley County's Integrated Weed Management Plan.

In this continuing effort to control Noxious Weeds, Valley County Weed Control will consult with the undersigned Cooperator and outline weed identification techniques, present optional control methods and recommend proper land management practices.

The undersigned Cooperator acknowledges that he/she is aware of any potential or real noxious weed problems on his/her private property and agrees to control said weeds in a timely manner using proper land management principles.

Valley County Weed Department can be contacted at 208-382-7199.

By: _____

Applicant

By: _____

Valley County Weed Control

Date: _____

02/27/23

Date: _____

IMPACT REPORT (from Valley County Code 9-5-3-D)

You may add information to the blanks below or attach additional sheets.

- ❖ An impact report shall be required for all proposed Conditional Uses.
- ❖ Answer all questions. Mark N/A if the question is not applicable to your application.
- ❖ The impact report shall address potential environmental, economic, and social impacts and how these impacts are to be minimized as follows:
 1. Traffic volume, character, and patterns including adequacy of existing or proposed street width, surfacing, alignment, gradient, and traffic control features or devices, and maintenance. Contrast existing with the changes the proposal will bring during construction and after completion, build-out, or full occupancy of the proposed development. Include pedestrian, bicycle, auto, and truck traffic. **The project proposes two (2) residential lots. It is anticipated that no or very slight increase in traffic may result along West Mountain Road. The development will not alter the existing traffic pattern along West Mountain Road.**
 2. Provision for the mitigation of impacts on housing affordability.
NA.
 3. Noise and vibration levels that exist and compare to those that will be added during construction, normal activities, and special activities. Include indoor and outdoor, day and night variations.
At the time of road construction and two (2) residential building construction for the proposed subdivision there will be a temporary increase in noise due to the construction of the development areas. Construction shall be during daylight hours only and will comply with the noise and vibration levels set forth in the VALLEY COUNTY LAND USE AND DEVELOPMENT ORDINANCE. It is not anticipated that there will be any long-term noise impacts resulting from the development.
 4. Heat and glare that exist and that might be introduced from all possible sources such as autos in parking areas, outdoor lights, water or glass surfaces, buildings or outdoor activities.
At the time of building construction, there may be a slight increase in heat and glare within the Two (2) lots due to construction and related activities associated with site development. Long term heat and glare should be minimized to the greatest extent possible by site planning, building orientation and vegetative screening. All lighting will comply with Section 3.03.06(b) "Lighting" of the Valley County LUDO.
 5. Particulate emissions to the air including smoke, dust, chemicals, gases, or fumes, etc., both existing and what may be added by the proposed uses.
Each residential home will be allowed one (1) wood burning devices, wood stove or fireplace. Particulate emissions to the air may increase slightly during residential construction and related activities associated with the two (2) lot development. These emissions shall be mitigated using appropriate construction management and limit construction hours.
 6. Water demand, discharge, supply source, and disposal method for potable uses, domestic uses, and fire protection. Identify existing surface water drainage, wetlands, flood prone areas and potential changes. Identify existing ground water and surface water quality and potential changes due to this proposal.
Proposed water for the two (2) residential lots shall be provided by individual wells supplying quality potable water. A site wetland delineation was conducted in the summer of 2022 by James Fronk Consulting, LLC. and found no jurisdictional wetlands or "Waters of the United States".

7. Fire, explosion, and other hazards existing and proposed. Identify how activities on neighboring property may affect the proposed use.
Planning measures will provide for natural open space fire breaks, necessary building access and utilize best design standards for fire protection. (See attached Fire Protection Plan). The proposed two (2) lot subdivision is predominately open ground with little to no timber.
8. Removal of existing vegetation or effects thereon including disturbance of wetlands, general stability of soils, slopes, and embankments and the potential for sedimentation of disturbed soils.
The topography of the project is a slope of generally 0 to 2 percent on the upper bluff area. The small area of ground below the bluff areas on each lot is to be a no build area. The NRCS soils survey identifies the soils type as Donnel sandy loam, 0 to 2 percent slope, erosion is slight to none, well drained, erosion slight to moderate.
9. Include practices that will be used to stabilize soils and restore or replace vegetation.
The proposed development will consist of one road and associated driveways for the two (2) single family residences. Landscape techniques implemented on the site shall be in compliance with Section 3.03.04 (d) of the Valley County LUDO. Best Management Practices (BMP's) shall be used as outlined in the "Department of Environmental Quality's Handbook of Stormwater BMP's to capture, disperse and treat stormwater and to stabilize and prevent sedimentation of disturbed soils.
10. Soil characteristics and potential problems in regard to slope stability, embankments, building foundation, utility and road construction. Include suitability for supporting proposed landscaping.
The topography of the project is the slope is generally 0 to 2 percent. The NRCS soils survey identifies the soils type as Donnel sandy loam, 0 to 2 percent slopes, erosion slight to moderate, well drained. Generally, the soil found across the site has slight to moderate erosion and slope stability. Soil and erosion control measures will be implemented to avoid potential sediment and erosion concerns.
11. Site grading or improvements including cuts and fills, drainage courses and impoundments, sound and sight buffers, landscaping, fencing, utilities, and open areas.
Grading will be accomplished with maximum preservation of the site's natural character. Cut and Fill slopes along roadway will be minimal and carefully designed to minimize visual impacts, Preservation of the existing natural features and stormwater conveyance patterns will be maintained, and appropriate best management practices will be implemented in accordance with the Environmental Quality's Handbook of Stormwater BMP's.
12. Visibility from public roads, adjoining property, and buildings. Include what will be done to reduce visibility of all parts of the proposal but especially cuts and fills and buildings. Include the impacts of shadows from new features on neighboring property.
The proposed development will be minimally visible from the adjacent West Mountain Road and from distant adjoining properties, and buildings. The applicant will use the natural topography and native vegetation much as possible to screen residential structures as much as possible.
13. Reasons for selecting the particular location including topographic, geographic and similar features, historic, adjoining land ownership or use, access to public lands, recreation, utilities, streets, etc., in order to illustrate compatibility with and opportunities presented by existing land uses or character.
The selection of the South Ranch location: The current land-use setting is cattle grazing with natural vegetation present. The proposed site location application is somewhat screened from the adjacent road and distant properties. The proposed application is large lots with natural vegetation that is to be similar in nature with livestock grazing or left in a similar natural setting for open space buffering.

14. Approximation of increased revenue from change in property tax assessment, new jobs available to local residents, and increased local expenditures.
The proposed development will increase tax revenue. It will provide jobs during the construction of the road and new buildings.
15. Approximation of costs for additional public services, facilities, and other economic impacts.
Because of the small scale of this two (2) lot development, it is not anticipated that the project will not have any significant economic impacts on the greater community. Associated property taxes will offset any additional burden placed on the public services by the addition of two (2) lots.
16. State how the proposed development will impact existing developments providing the same or similar products or services.
Because of the small scale of this development and location, it is not anticipated that the project will have any significant impacts on the existing developments.
17. State what natural resources or materials are available at or near the site that will be used in a process to produce a product and the impacts resulting from the depletion of the resource.
Describe the process in detail and describe the impacts of each part. The proposed development impacts natural resources only to the extent that it changes the use of the property from grazing land to residential. The construction of the road, driveway and buildings will use on-site rock materials, and local resources for building materials from local building supply vendors. All proposed activities will be designed to protect the natural integrity of the existing landscape and adjacent distant properties.
18. What will be the impacts of a project abandoned at partial completion?
Because this project proposes one road and minor infrastructure by the developer; it is not anticipated that the project will be abandoned at partial completion. The South Ranch will be self financed.
19. Number of residential dwelling units, other buildings and building sites, and square footage or gross non-residential floor space to be available.
The development will consist of two (2) residential dwelling units approximately 1800 to 4500 square feet in size. The total non-residential floor spaces (garages, out buildings) are approximately 3500 square feet per dwelling unit.
20. Stages of development in geographic terms and proposed construction time schedule.
The planned start of the private road and utilities for South Ranch Subdivision is spring and summer of 2023.
21. Anticipated range of sale, lease or rental prices for dwelling units, building or other site, or non-residential floor space in order to insure compatibility with adjacent land use and development.
The anticipated price range for dwelling units lots is approximately \$180,000. to \$250,000.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESUSE TYPEWRITER OR
BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name BEN PEREZ
Address 10615 SANTA LUCIA RD. Capetown
Drilling Permit No. 65-9-129-000 95014
Water Right Permit No. _____

7. WATER LEVEL

Static water level 60 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature 52 OF. Quality CLEAR
Describe artesian or temperature zones below.

2. NATURE OF WORK

- ☒
- New well
- ☐
- Deepened
- ☐
- Replacement
-
- ☐
- Well diameter increase
-
- ☐
- Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Air ☐ Other _____

Discharge G.P.M. Pumping Level Hours Pumped

8 118 1

3. PROPOSED USE

- ☒
- Domestic
- ☐
- Irrigation
- ☐
- Test
- ☐
- Municipal
-
- ☐
- Industrial
- ☐
- Stock
- ☐
- Waste Disposal or Injection
-
- ☐
- Other _____ (specify type)

4. METHOD DRILLED

- ☒
- Rotary
- ☒
- Air
- ☐
- Hydraulic
- ☐
- Reverse rotary
-
- ☐
- Cable
- ☐
- Dug
- ☐
- Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
<u>.250</u> inches	<u>6</u> inches	<u>1</u> feet	<u>120</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☒ Yes ☐ NoWas a packer or seal used? ☐ Yes ☒ NoPerforated? ☐ Yes ☒ NoHow perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun

Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name _____

Type _____ Model No. _____

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____

Placed from _____ feet to _____ feet

Surface seal depth 20 Material used in seal: ☐ Cement grout☒ Bentonite ☐ Puddling clay ☐ _____Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing☒ Overbore to seal depthMethod of joining casing: ☐ Threaded ☒ Welded ☐ Solvent

Weld

☐ Cemented between strata

9. LITHOLOGIC LOG

022141

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
8"	0	2	T.S.		
8"	2	20	BROWN SAND		
6"	20	40	"		
6"	40	60	"		
6"	60	80	"	X	
6"	80	90	BLUE GRAY SAND & CLAY		X
6"	90	100	"		X
6"	100	110	REDISH SAND	X	
6"	110	120	RED GRAVEL SAND	X	

RECEIVED

NOV 20 1990

Department of Water Resources

8014817

