WATER WELL CONSTRUCTION/ALTERATION REPORT

Lummi Indian Business Council – Lummi Water Resources Division

Lummi Well No: _____ TRS Code: _____
Lummi Well Permit No: _____
Other Identification: _____
Well Log Attached? ☐ Yes ☐ No ☐ Not Available

USEOF WELL: ☐ Domestic ☐ Industrial ☐ Municipal ☐ DeWater ☐ Irrigation ☐ Test Well ☐ Other:_____

TYPE OF WORK:
☐ New Well ☐ Reconditioned *Method:* ☐ Dug ☐ Driven ☐ Deepened ☐ Cable ☐ Rotary ☐ Jetted

DIMENSIONS: Measured diameter of well _____ (in.)
Measured depth of completed well _____ (ft.)

CONSTRUCTION DETAILS

Casing Installed:
☐ Welded: _____ Diam. from ____ft to ____ft
☐ Linear Installed: _____ Diam. from ____ft to ____ft
☐ Threaded: _____ Diam. from ____ft to ____ft

Perforations: ☐ Yes ☐ No
Type of Perforator used _____
Size of perfs _____in. by_____in. and no. of perfs _____

Screens: ☐ Yes ☐ No ☐ K-Pac Location _____
Manufacturer:_____
Type:_____Model No.: _____
Diam. _____ Slot size _____ from _____ ft to _____ft
Diam. _____ Slot size _____ from _____ ft to _____ft

Gravel/Filter Packed: ☐ Yes ☐ No Size of gravel/sand: _____
Material placed from _____ ft to _____ ft

PUMP: Manufacturer _____ Type _____ H.P._____

STATIC WATER LEVELS: Water Level below top of casing (all within approx.10 min.):

_____ (provide units) _____ (time)
_____ (provide units) _____ (time)
_____ (provide units) _____ (time)
Date of water level measurements:_____
Elevation above ground surface of the top of casing:
_____(provide units)
Land-surface elevation above mean sea level _____ (ft.)
Source of land surface elevation:_____
Artesian Pressure lbs per square_____ inch Date _____
Artesian water is controlled by _____ (cap, valve, etc.)

WELL TEST: Drawdown is amount water level is lowered below static level
Was a pump test made? ☐ Yes ☐ No
If yes, by whom?_____

Yield:_____ gal/min with _____ ft drawdown after _____ hrs
Yield:_____ gal/min with _____ ft drawdown after _____ hrs
Yield:_____ gal/min with _____ ft drawdown after _____ hrs
Recovery data (time taken as zero when pump turned off) (water level measure from well top to water level)

Time	*Water Level*	*Time*	*Water Level*	*Time*	*Water Level*

Date of Test _____
Bailer Test _____ gal/min with _____ft drawdown after _____hrs
Airtest _____ gal/min with stem set at_____ft for_____hrs
Artesian flow _____gal/min Date _____
Temperature of water _____
Was chemical analysis made? ☐ Yes ☐ No

Property Owner Name(s):_____

Location:
Well Street Address:_____
_____

Section, Township, Range _____1/4-1/4 _____ 1/4 Section_____
Township_____ Range_____

Latitude/ Longitude Lat._____ Long._____
(provide units to decimal degrees or minutes)
☐ Lat/Long from USGS Quadrangle Map.
☐ Lat/Long from conventional survey.
☐ Lat/Long from *Mapping* or *Survey* (circle one) Grade Global Positioning System (GPS) (± _____ feet).
☐ Lat/Long from non-Mapping or Survey GPS (± __ ft.).

Tax Parcel No._____ Assignment No. _____

CONSTRUCTION/ALTERATION PROCEDURE

Document method(s) of well construction/alteration, including, but not limited to, the description of the color, character, and size of material and structure, and the kind and nature of the material in each stratum penetrated.
USE ADDITIONAL SHEETS IF NECESSARY.

Material	From (ft)	To (ft)