REPORT NO. A02.053

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

37648
083

NOTICE OF INTENT NO. 47983

OWNER: Mark Zuim
MAILING ADDRESS: PO Box 352, Virginia City, NV 89440
ADDRESS OF WELL: 1620 Combination Rd.
VC Highlands, NV 89511

WELL LOCATION: NW ¼ SE ¼ SEC. 30 T. 18N R. 21 E. Storey COUNTY

PERMIT NO. PARCEL NO. 003-461-03 SUBDIVISION NAME Highlands Ranches

3. TYPE OF WORK: New Well [X] Replace [ ] Deepen [ ] Recondition [ ] Abandon [ ]

4. PROPOSED USE: Domestic [X] Irrigation [ ] Municipal [ ] Industrial [ ] Monitoring [ ] Other [ ]

5. WELL TYPE: Vertical [X] Horizontal [ ] Other [ ]

6. LITHOLOGIC LOG

MATERIAL	WATER BEARING	FROM	TO	THICKNESS
Dark blue-green hard rock		0	25	25
Purple & green rock, rust chips		25	65	40
Gray-olive rock, white specks		65		
yellow rock		65	70	5
Black hard rock		70	80	10
Dark blue-green rock		80	110	30
Dark blue & purple rk, white specks		110	145	35
Red volcanic, red clay		145	170	25
Purple rk, white specks, light gray		170		
Clay, green rock		170	220	50
Red gray clay, green rock		220	250	30
Red black & gray rock		250	545	295
Light gray-blue & green rock		545	590	45
Big blue-gray, red & yellow soft rk	X	590	595	5
Hard gray-black rock		595	618	23

7. WELL CONSTRUCTION

Depth Drilled 618 Depth Cased 618

HOLE DIAMETER (BIT SIZE)

10	Inches	0	Feet	50	Feet
8 1/2	Inches	50	Feet	240	Feet
8	Inches	240	Feet	618	Feet

CASING SCHEDULE

Size OD	Weight (lb/ft)	Wall Thickness	From	To
6 5/8"	21.92	.188		2.618

PERFORATIONS:

Type Perforation Factory Size Perforation W32 x 3

From 598 Feet to 618 Feet
From Feet to Feet
From Feet to Feet

SURFACE SEAL: X Yes No SEAL TYPE: Neat Cement / Cement Grout / Concrete Grout / Bentonite

Seal Depth 60'

PLACEMENT METHOD: Pumped X / Poured X

GRAVEL PACKED: X Yes No

From 60 Feet to 618 Feet

8. WATER LEVEL

Static Water Level 490 Feet Below Land Surface
Artesian Flow GPM PSI
Water Temperature Cool F. Quality Clear

9. WELL TEST DATA

TEST METHOD: Bailer Pump X Air Develop

GPM	DRAWDOWN	TIME (HRS)
20+		4 hours

10. DRILLER'S CERTIFICATION

Name Aqua Drilling & Well Service, Inc.
Address 675 Edison Way
Reno, NV 89502

NV CONTRACTOR'S LIC. NO. 45284 DRILLER'S LIC. NO. 2489

Signed Roger Nthall
(Signature permanently and indelibly on file with contractor)

Date July 12-2002

Notes

RECEIVED
02 JUL 15 AM 10:57
STATE ENGINEER'S OFFICE

Date Started 06/24/02 Date Completed 07/02/02