

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

OFFICE USE ONLY  
 Log No. 97980  
 Permit No. \_\_\_\_\_  
 Basin Ø83

PRINT OR TYPE ONLY  
 DO NOT WRITE ON BACK

Please complete this form in its entirety in  
 accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 55369

1. OWNER James Nichols ADDRESS AT WELL LOCATION 1040 Virginia City  
 MAILING ADDRESS 1040 Hamilton Rd. Highlands  
Virginia City Highlands, NV 89521 2429 Cartwright VCH

2. LOCATION NW 1/4 NE 1/4 Sec. 32 T 18N N/S R 21E E Storey County  
 PERMIT NO. 003-022-66 Parcel No. \_\_\_\_\_ Subdivision Name \_\_\_\_\_  
 Issued by Water Resources

3. WORK PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Abandon  Other \_\_\_\_\_

4. PROPOSED USE  
 Domestic  Irrigation  Test  
 Municipal/Industrial  Monitor  Stock

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top soil		0	2	2
Brown sandy clay		2	19	17
Brown rusty volcanic rock		19	37	18
Brown clay		37	45	8
Light gray clay		45	88	43
Purple clay		88	103	15
Brown volcanic rock		103	117	14
Gray volcanic rock		117	283	166
Small soft zone	x	283	284	1
Gray volcanic rock some clay		284	435	151
Gray volcanic rock		435	460	25
Soft zone		460	465	5
Gray volcanic rock		465	480	15
Fracture	x	480	481	1
Gray volcanic rock		481	505	24
Fracture	x	505	506	1
Gray volcanic rock		506	511	5
Fracture	x	511	512	1
Gray volcanic rock		512	525	13

8. WELL CONSTRUCTION  
 Depth Drilled 525 Feet Depth Cased 525 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
10 5/8 Inches	0	50 Feet
8 5/8 Inches	50	525 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6 5/8	12.92	.188	+2	525

Perforations:  
 Type perforation Machine cut  
 Size perforation 3/32 x 3

From	To
480 feet	520 feet
_____ feet	_____ feet
_____ feet	_____ feet
_____ feet	_____ feet
_____ feet	_____ feet

Surface Seal:  Yes  No  
 Depth of Seal 50  
 Placement Method:  Pumped  Poured  
 Seal Type:  Neat Cement  Cement Grout  Concrete Grout

Gravel Packed:  Yes  No  
 From 50 feet to 525 feet

9. WATER LEVEL  
 Static water level 145 feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature Cool °F Quality Not tested

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name Bruce MacKay Pump & Well Service, Inc. Contractor  
 Address 1600 Mt. Rose Hwy Contractor  
Reno, NV 89511  
 Nevada contractor's license number issued by the State Contractor's Board 23096  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 923  
 Signed R. Bruce MacKay  
 By driller performing actual drilling on-site or contractor  
 Date 10/25/2005

Date started 10/17/2005 . 19  
 Date completed 10/24/2005 . 19

7. WELL TEST DATA

TEST METHOD:	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift		
G.P.M. <u>20+</u>		<u>3</u>